REVISION 0

NORTH ST. LOUIS COUNTY SITES ANNUAL ENVIRONMENTAL MONITORING DATA AND ANALYSIS REPORT FOR CALENDAR YEAR 2024

ST. LOUIS, MISSOURI

JULY 24, 2025

U.S. Army Corps of Engineers
St. Louis District
Formerly Utilized Sites Remedial Action Program

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JULY 24, 2025

prepared by
U.S. Army Corps of Engineers St. Louis District
Formerly Utilized Sites Remedial Action Program

with assistance from
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BACK COVER

The primary distribution format for this document is electronic files. If printed copies are distributed, the following portions will be included on a CD-ROM on the back cover of the report instead of being printed: Appendices C, D, E, F, and H.

ACRONYMS AND ABBREVIATIONS

Ac	actinium
AEC	Atomic Energy Commission
Am	americium
amsl	above mean sea level
ARAR	applicable or relevant and appropriate requirement
ATD	alpha track detector
bgs	below ground surface
BMP	best management practice
BOD	biological oxygen demand
BTOC	below top of casing
CEDE	committed effective dose equivalent
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CFR	*Code of Federal Regulations*
COC	contaminant of concern
COD	chemical oxygen demand
Cs	cesium
CSR	*Code of State Regulations*
CWC	Coldwater Creek
CY	calendar year
DCF	dose conversion factor
DHSS	Department of Health and Senior Services
DL	detection limit
DO	dissolved oxygen
DoD	U.S. Department of Defense
DOE	U.S. Department of Energy
DQO	data quality objective
EDE	effective dose equivalent
EE/CA	engineering evaluation/cost analysis
ELAP	Environmental Laboratory Accreditation Program
EM	Engineer Manual
EMDAR	Environmental Monitoring Data and Analysis Report
EMG	*Environmental Monitoring Guide for the St. Louis Sites*
EMICY24	*Environmental Monitoring Implementation Plan for the North St. Louis County Sites for CY 2024*
EMP	Environmental Monitoring Program
FUSRAP	Formerly Utilized Sites Remedial Action Program
Futura	Futura Coatings Company
HISS	Hazelwood Interim Storage Site
HZ	hydrostratigraphic zone
I	Interstate
IA	investigation area
ICP	inductively coupled plasma
ICRP	International Commission on Radiation Protection
K	potassium

ACRONYMS AND ABBREVIATIONS (Continued)

KPA	kinetic phosphorescence analysis
LCS	laboratory control sample
LCL_{95}	95 percent lower confidence limit
MARSSIM	*Multi-Agency Radiation Survey and Site Investigation Manual*
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MDNR	Missouri Department of Natural Resources
MED	Manhattan Engineer District
MSD	Metropolitan St. Louis Sewer District
NAD	normalized absolute difference (unitless)
NARA	National Archives and Records Administration
NC	North St. Louis County
NCRP	National Council on Radiation Protection and Measurement
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRC	U.S. Nuclear Regulatory Commission
ORNL	Oak Ridge National Laboratory
ORP	oxidation reduction potential
Pa	protactinium
PCB	polychlorinated biphenyl
PDI	pre-design investigation
QA	quality assurance
QAPP	quality assurance program plan
QC	quality control
QSM	*Department of Defense (DoD)/Department of Energy (DOE) Consolidated Quality Systems Manual (QSM) for Environmental Laboratories*
Ra	radium
RA	remedial action
RG	remediation goal
RL	reporting limit
RME	reasonably maximally exposed
Rn	radon
ROD	*Record of Decision for the North St. Louis County Sites*
RPD	relative percent difference
S	test statistic
SAG	*Sampling and Analysis Guide for the St. Louis Sites*
SLAPS	St. Louis Airport Site
SLS	St. Louis Sites
SOP	standard operating procedure
SOR	sum of ratios (unitless)
SS	settleable solid
SSA	Soil Spoils Area
SU	survey unit
TEDE	total effective dose equivalent

ACRONYMS AND ABBREVIATIONS (Continued)

Th	thorium
TLD	thermoluminescent dosimeter
TPH	total petroleum hydrocarbon
TSS	total suspended solid
U	uranium
UCL	upper confidence limit
UCL_{95}	95 percent upper confidence limit
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
VQ	validation qualifier
VP	vicinity property
WRS	Wilcoxon Rank Sum

UNIT ABBREVIATIONS

Both English and metric units are used in this report. The units used in a specific situation are based on common unit usage or regulatory language (e.g., depths are given in feet, and areas are given in square meters). Units included in the following list are not defined at first use in this report.

°C	degree(s) Celsius (centigrade)
µCi/mL	microcurie(s) per milliliter
µg/L	microgram(s) per liter
µR	microRoentgen(s)
Ci	curie(s)
ft	foot/feet
ft^3	cubic foot/feet
g	gram(s)
L	liter(s)
m	meter(s)
m^2	square meter(s)
mg	milligram(s)
mg/kg	milligram(s) per kilogram
mg/L	milligram(s) per liter
MGD	million gallons per day
mL	milliliter(s)
mL/L/hour	milliliter(s) per liter per hour
mrem	millirem
mrem/pCi	millirem per picocurie
mS/cm	microSievert(s) per centimeter
mV	millivolt(s)
NTU	nephelometric turbidity unit
pCi/µg	picocurie(s) per microgram
pCi/g	picocurie(s) per gram
pCi/L	picocurie(s) per liter
s.u.	standard unit
WL	working level
WLM	working level month
yd^3	cubic yard(s)

EXECUTIVE SUMMARY

This annual Environmental Monitoring Data and Analysis Report (EMDAR) for calendar year (CY) 2024 applies to the North St. Louis County (NC) Sites, which are within the St. Louis Sites (SLS) (Figure 1-1) and under the scope of the Formerly Utilized Sites Remedial Action Program (FUSRAP). This EMDAR provides an evaluation of the data collected as part of the implementation of the Environmental Monitoring Program (EMP) for the NC Sites. The NC Sites consist of the St. Louis Airport Site (SLAPS), the SLAPS vicinity properties (VPs) including Coldwater Creek (CWC) (Figure 1-2), and the Latty Avenue Properties (i.e., the Hazelwood Interim Storage Site [HISS], the Futura Coatings Company [Futura], and the Latty Avenue VPs) (Figure 1-3). Additional environmental data were collected along CWC, which flows adjacent to the SLAPS, near the HISS, and north of U.S. Interstate (I)-270 to the Missouri River. Environmental monitoring of various media at each of the NC Sites is required in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the commitments in the *Record of Decision for the North St. Louis County Sites* (ROD) (USACE 2005).

The purpose of this EMDAR is to document the environmental monitoring activities and to assess whether remedial actions (RAs) at the NC Sites had a measurable environmental impact. In addition, this EMDAR serves to report the current condition of the NC Sites, summarize the data collection efforts for CY 2024, and provide analysis of the CY 2024 environmental monitoring data results.

The U.S. Army Corps of Engineers (USACE) St. Louis District collects comprehensive environmental data for decision-making and planning purposes. Environmental monitoring, performed as a best management practice (BMP) or as a component of RAs, serves as a critical component in the evaluation of the current status and potential future migration of residual contaminants.

The environmental monitoring described in the *Environmental Monitoring Implementation Plan for the North St. Louis County Sites for CY 2024* (EMICY24) (USACE 2023) was conducted as planned, and the results are documented in this EMDAR. The evaluation of environmental monitoring data for all NC Sites demonstrates compliance with ROD (USACE 2005) goals and applicable or relevant and appropriate requirements (ARARs).

RADIOLOGICAL AIR MONITORING

Radiological air data were collected and evaluated at the NC Sites through airborne radioactive particulate, radon (indoor and outdoor), and gamma radiation monitoring, as required in the EMICY24 (USACE 2023). In addition to being used for environmental monitoring purposes, radiological air data were also used as inputs to calculate the total effective dose equivalent (TEDE) to the reasonably maximally exposed (RME) member of the public for the NC Sites.

Each TEDE calculated for the RME individual at each NC Site was 5.4 mrem or less per year. The calculated TEDEs are compliant with the 100 mrem per year limit provided in 10 *Code of Federal Regulations (CFR)* 20.1301.

The radiological air monitoring results conducted at the NC Sites demonstrate compliance with all ARARs for the NC Sites. The ARARs are described in Tables 2-1 through 2-4 of the EMICY24 (USACE 2023).

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM MONITORING

Discharge requirements for the NC Sites are currently set by the Missouri Department of Natural Resources (MDNR) National Pollutant Discharge Elimination System (NPDES) ARARs (permit-equivalent) document dated October 2, 1998, (MDNR 1998) and amended in a letter from the MDNR dated February 19, 2002 (MDNR 2002). On June 7, 2024, Outfall 002 (PN02) was removed in association with the RAs at the J.S. McDonnell Bridge over CWC. A new outfall area, Un-named Outfall VP Ballfields, was established to include the area associated with James S McDonnell Boulevard and the J.S. McDonnell Bridge RAs and the investigation area (IA)-09 (Ballfields) collective watershed area.

The stormwater sampling results for the NC Sites demonstrate compliance with the discharge limits described in Section 2.2.2 of the EMICY24 (USACE 2023).

EXCAVATION WATER DISCHARGE MONITORING

CY 2024 was the twenty-third year that excavation water was monitored, treated, discharged from the NC Sites, and reported. Excavation water discharged from the NC Sites to the sanitary sewer system is subject to the requirements stated in the July 23, 2001, Metropolitan St. Louis Sewer District (MSD) authorization letter (MSD 2001) and the selenium discharge variance letter for the SLAPS dated February 10, 2005 (MSD 2005). This authorization was extended for 2 years through the issuance of a letter dated July 22, 2024, from Mr. Steve Grace to Mr. David Evans. This authorization expires on July 23, 2026 (MSD 2024). The selenium discharge variance for the SLAPS was not utilized in CY 2024 (MSD 2005, 2012). There is no longer a requirement to analyze for barium, lead, or selenium after the first two batches from new investigative areas (MSD 2012).

Wastewater from the FUSRAP St. Louis Radioanalytical Laboratory was discharged in accordance with the MSD discharge authorization letter dated July 22, 2024. This MSD special discharge approval expires on July 23, 2026 (MSD 2024).

The data collected at the NC Sites were compared to discharge limits described in Section 2.2.2 of the EMICY24 (USACE 2023). During CY 2024, approximately 5,379,667 gallons of excavation water were discharged to the MSD. On April 3, 2024, the MSD approved the USACE's request to increase the daily discharge volume to 200,000 gallons. The MSD also approved daily discharge volume increases of 300,000 gallons on April 5, 2024, and May 1, 2024. On April 16, 2024, and May 23, 2024, the MSD approved the USACE's request to increase the daily discharge volume to 300,000 gallons through April 30, 2024, and July 31, 2024, respectively. No exceedances of the MSD limits occurred at the project laboratory or the NC Sites.

COLDWATER CREEK MONITORING

The CY 2024 CWC surface water and sediment sampling events, which were completed in April and October of 2024, evaluated the physical, radiological, and chemical conditions in the creek. During the April and October sampling events, samples were collected at each of the 10 surface water and sediment sampling locations (CWC002 through CWC011). These sampling locations are shown on Figure 3-2.

As planned, two surface water sampling events were collected from CWC during high-flow conditions as a BMP to determine if the creek is being measurably affected by contaminant of concern (COC) migration.

CWC surface water samples were collected downstream from the removal actions that occurred at CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) and at James S McDonnell Boulevard and the J.S. McDonnell Bridge. These samples were collected daily on days with active removal actions within the CWC corridor to verify no detrimental effect to water quality occurred. Sample frequency was reduced during the year to occur weekly and then monthly.

The data collected were compared to the monitoring guidelines and/or remediation goals (RGs) described in Section 2.2.3 of the EMICY24 (USACE 2023). The results of the surface water and sediment sampling conducted in CWC demonstrate compliance with ARARs for the NC Sites.

GROUNDWATER MONITORING

Groundwater was sampled during CY 2024 at the NC Sites following a protocol for individual wells and analytes. Groundwater was analyzed for various radiological constituents and for inorganic parameters. The sampling events included the collection of groundwater samples from the entire well network of 24 wells for the NC Sites. Static groundwater elevations for all NC Site wells were measured quarterly.

The environmental sampling requirements and groundwater monitoring guidelines for each analyte are consistent with the EMICY24 (USACE 2023) and were used for comparison and discussion purposes. The ROD groundwater monitoring guidelines (henceforth referred to as ROD guidelines) for assessing groundwater sampling data at the NC Sites (the Latty Avenue Properties, the SLAPS, and the SLAPS VPs) are presented in Section 2.2.4 of the EMICY24 (USACE 2023) and in Section 4.0 and Appendix F of this EMDAR. For those wells at which an analyte exceeded the ROD guidelines at least once during CY 2024 and sufficient data were available to evaluate trends, Mann-Kendall Trend Tests were completed to assess whether analyte concentrations were increasing or decreasing through time.

LATTY AVENUE PROPERTIES

Groundwater sampling was conducted at all seven hydrostratigraphic zone (HZ)-A groundwater monitoring wells at the Latty Avenue Properties during CY 2024. COC concentrations in three wells (total uranium [U] in HISS-01; molybdenum, selenium, U-234, and U-238 in HISS-10; and selenium, U-234, and U-238 in HW22) exceeded the ROD guideline in HZ-A groundwater at the Latty Avenue Properties during CY 2024. Because a significant degradation of CWC surface water has not occurred and is not anticipated, no findings currently indicate significantly degraded groundwater conditions in HZ-A groundwater as defined by the ROD.

Groundwater samples were collected from one HZ-C well during CY 2024. Concentrations of all inorganic and radiological soil COCs were below the ROD groundwater guidelines in CY 2024 groundwater samples from the HZ-C well HW23. Therefore, a trend analysis was not conducted for HZ-C groundwater.

The Mann-Kendall Trend Test was performed for four COCs in three HZ-A wells (total U in HISS-01; molybdenum and selenium in HISS-10; and selenium and U-234 in HW22) during CY 2024. A statistically significant increasing trend was identified for molybdenum in HISS-10. A statistically significant increasing trend was identified for selenium concentrations in HISS-10 and HW22. A statistically significant increasing trend was identified for U-234 in HW22 and for total U in HISS-01. For the purposes of this trend analysis, a statistically significant trend in concentration is defined as a trend with a confidence level greater than 95 percent. The confidence level denotes the probability that the indicated trend is an actual trend in the data, rather than a result of the random nature of environmental data.

The potentiometric data indicate some mounding of HZ-A groundwater at the HISS and Futura. Potentiometric mounding is an area with a higher potentiometric elevation surrounded by areas of lower potentiometric elevations. Wells HISS-01, HISS-06A, HISS-10, and HISS-17S have the highest potentiometric surface elevations, with lower groundwater elevations measured in the surrounding wells. At the western edge of the HISS and Futura, groundwater in HZ-A flows to the west toward CWC.

The potentiometric surface of the HZ-C groundwater at the Latty Avenue Properties is not well defined due to the limited data available for the deeper HZs. Based on measured groundwater elevations in the HZ-C monitoring well HW23 at the Latty Avenue Properties and several HZ-C wells located to the southwest at the SLAPS and the SLAPS VPs, the flow direction in HZ-C groundwater beneath the Latty Avenue Properties is generally toward the southeast.

ST. LOUIS AIRPORT SITE AND ST. LOUIS AIRPORT SITE VICINITY PROPERTIES

At the SLAPS and the SLAPS VPs, all 16 groundwater wells were sampled for various parameters during CY 2024. A total of 11 wells, screened in HZ-A, were sampled at the SLAPS and the adjacent SLAPS VP Ballfields. Two inorganic analytes (nickel and selenium) and one radiological contaminant (total U) were detected in HZ-A groundwater at concentrations exceeding the ROD guidelines. A comparison of the data indicates that only total U concentrations in PW46 exceeded the ROD guidelines for a period of at least 12 months or when measurement error is taken into account. Because a significant degradation of CWC surface water has not occurred and is not anticipated to occur, no findings currently indicate significantly degraded groundwater conditions in HZ-A groundwater, as defined by the ROD. However, because total U levels exceeded the ROD guidelines for a period of at least 12 months, monitoring will continue subject to subsequent CERCLA 5-year reviews.

During CY 2024, 5 wells screened across the deeper HZs (HZ-C through HZ-E) were sampled at the SLAPS and the SLAPS VPs. Concentrations of cadmium exceeded ROD groundwater criteria in PW42 in CY 2024. Cadmium exceeded the ROD guideline when measurement error was taken into account for a period of at least 12-months. However, a Mann-Kendall Trend Test could not be performed for the cadmium results in PW42 because less than 50 percent of the time-series data were above the detection limit (DL). Because a significant degradation of CWC surface water has not occurred and is not anticipated to occur, no findings currently indicate significantly degraded groundwater conditions in HZ-C through HZ-E groundwater at the SLAPS and the SLAPS VPs.

The Mann-Kendall Trend Test was performed for selenium in B53W17S and total U in PW46. Statistically significant increasing trends were observed for selenium in B53W17S and a statistically significant decreasing trend was observed for total U in PW46.

Potentiometric surface maps were created from groundwater elevations measured in February and August to illustrate groundwater flow conditions in dry and wet seasons. The potentiometric data indicate groundwater flows northwesterly toward CWC in the HZ-A at the SLAPS. The flow direction in the HZ-C groundwater at the SLAPS is generally southeasterly.

1.0 HISTORICAL SITE BACKGROUND AND CURRENT SITE STATUS

1.1 INTRODUCTION

This annual Environmental Monitoring Data and Analysis Report (EMDAR) for calendar year (CY) 2024 applies to the North St. Louis County (NC) Sites, which are within the St. Louis Sites (SLS) (Figure 1-1), and under the scope of the Formerly Utilized Sites Remedial Action Program (FUSRAP). This EMDAR provides an evaluation of the data collected as part of the implementation of the Environmental Monitoring Program (EMP) for the NC Sites. The NC Sites consist of the St. Louis Airport Site (SLAPS), the SLAPS vicinity properties (VPs) including Coldwater Creek (CWC) (Figure 1-2), and the Latty Avenue Properties (i.e., the Hazelwood Interim Storage Site [HISS], the Futura Coatings Company [Futura], and Latty Avenue VPs) (Figure 1-3). Additional environmental data were collected along CWC, which flows adjacent to the SLAPS, near the HISS, and north of U.S. Interstate (I)-270 to the Missouri River. Environmental monitoring of various media at each of the NC Sites is required in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the *Record of Decision for the North St. Louis County Sites* (ROD) (USACE 2005).

1.2 PURPOSE

The purpose of this EMDAR is to document the environmental monitoring activities and to assess whether remedial actions (RAs) at the NC Sites had a measurable environmental impact. In addition, this EMDAR serves to report the current condition of the NC Sites, summarize the data collection efforts for CY 2024, and provide analysis of the CY 2024 environmental monitoring data results. This EMDAR presents the following information:

- Sample collection data for various media at each site and interpretation of CY 2024 EMP results;
- The compliance status of each site with federal and state applicable or relevant and appropriate requirements (ARARs) or other benchmarks (e.g., *Environmental Monitoring Implementation Plan for the North St. Louis County Sites for CY 2024* [EMICY24] [USACE 2023]);
- Dose assessments for radiological contaminants as appropriate;
- A summary of trends based on changes in contaminant concentration, to support RAs, verify public safety, and maintain surveillance monitoring requirements at each site; and
- The identification of data gaps and future EMP needs.

1.3 ST. LOUIS SITE PROGRAM AND SITE BACKGROUND

The FUSRAP was executed by the U.S. Atomic Energy Commission (AEC) in 1974 to identify, remediate, or otherwise control sites at which residual radioactivity remains from operations conducted for the Manhattan Engineer District (MED) and AEC during the early years of the nation's atomic energy program. The FUSRAP was continued by the follow-on agencies to the AEC until 1997, when the U.S. Congress transferred responsibility for the FUSRAP to the U.S. Army Corps of Engineers (USACE).

On October 4, 1989, the SLAPS, the HISS, and Futura were placed on the U.S. Environmental Protection Agency (USEPA) National Priorities List (NPL) under the site name "St. Louis

Airport/Hazelwood Interim Storage/Futura Coatings Co." (Comprehensive Environmental Response, Compensation, and Liability Information System [CERCLIS] No. MOD980633176). The three NPL sites have been involved with the following: refinement of uranium ores, production of uranium metal and compounds, uranium recovery from residues and scrap, and the storage and disposal of associated process byproducts.

Detailed descriptions and histories for each site can be found in the *Remedial Investigation Report for the St. Louis Site* (U.S. Department of Energy [DOE] 1994), *Remedial Investigation Addendum for the St. Louis Site* (DOE 1995), *St. Louis Airport Site (SLAPS) Interim Action Engineering Evaluation/Cost Analysis (EE/CA)* (DOE 1997), *Engineering Evaluation/Cost Analysis (EE/CA) and Responsiveness Summary for the St. Louis Airport Site (SLAPS)* (USACE 1998a), *Environmental Evaluation/Cost Analysis (EE/CA) for the Hazelwood Interim Storage Site (HISS)* (USACE 1998b), the *Environmental Monitoring Guide for the St. Louis Sites* (EMG) (USACE 1999a), and the ROD (USACE 2005).

USACE NC Sites documents finalized in CY 2024 are listed in Appendix A.

1.3.1 Latty Avenue Properties Calendar Year 2024 Remedial Actions

In CY 2024, no RAs were performed at the Latty Avenue Properties (Figure 1-2).

During CY 2024, no *Multi-Agency Radiation Survey and Site Investigation Manual* (MARSSIM) (U.S. Department of Defense [DoD] 2000) Class 1, Class 2, or Class 3 verifications were performed at the Latty Avenue Properties. Verifications are performed to confirm the ROD remediation goals (RGs) were achieved. No characterizations/pre-design investigations (PDIs) were performed at the Latty Avenue Properties in CY 2024.

1.3.2 St. Louis Airport Site and the St. Louis Airport Site Vicinity Properties Calendar Year 2024 Remedial Actions

In CY 2024, RAs were performed at the following SLAPS VPs and investigation areas (IAs) (Figure 1-2): the IA-09 Ballfields; CWC-386, CWC-387, CWC-388, and the Adjacent Metropolitan St. Louis Sewer District (MSD) Right-of Way; and IA-08 James S McDonnell Boulevard and the J.S. McDonnell Bridge. RAs at the IA-09 Ballfields continued through the second quarter and Phase 3 was completed in the second quarter. RAs at CWC-386, CWC-387, CWC-388, and the Adjacent MSD Right-of Way continued through and were completed in the second quarter. RAs at James S McDonnell Boulevard and the J.S. McDonnell Bridge started in the second quarter and continued through the fourth quarter. During these RAs, 38,551 yd^3 of contaminated material were shipped from the SLAPS VPs and IAs via railcar to US Ecology, Inc., in Michigan. Additionally, loadout activities were performed at the SLAPS.

During CY 2024, MARSSIM Class 1 verifications were performed at the IA-08 James S McDonnell Boulevard and the J.S. McDonnell Bridge (survey unit [SU]-1 through SU-11), IA-09 Ballfields (SU-32), VP-56 (Overburden at SU-6 through SU-8), Cades Cove (Overburden at SU-1 through SU-5), and CWC-386, CWC-387, CWC-388, and the Adjacent MSD Right-of Way (SU-1). No MARSSIM Class 2 or Class 3 final status surveys were performed in CY 2024.

Characterizations/PDIs were performed at the following SLAPS VPs and IAs in CY 2024: IA-09 Ballfields, CWC-473 and CWC-474 (Walmart), Frost Avenue, six different CWC property groups, and CWC and two adjacent CWC-floodplain properties. Based on final status survey evaluations performed in CY 2024, Class 2 sample results did not exceed RGs for 50 properties.

No monitoring wells were decommissioned in CY 2024.

In accordance with the MSD authorization letter, 5,379,667 gallons of excavation water were discharged from the NC Sites in CY 2024. Since the beginning of the project, 55,285,669 gallons have been treated and released to the MSD from the NC Sites.

Starting in the first quarter of CY 2024, the USACE implemented the *Interim Land Use Control and Inspection Plan for the North St. Louis County Sites* by compiling an inventory of and inspecting the CWC parcels with known contamination. These inspections are documented by recording the contamination status (e.g., surface, subsurface, etc.) and site configuration conditions (e.g., cover material [e.g., vegetation, pavement, riprap, etc.], adjacent structures, access agreements, etc.) with a checklist, maps, and digital images (USACE 2024). The completed inspection checklists and inventory were compiled and documented on a quarterly basis. Copies of the blank property inspection checklist forms are included in Appendix A, Attachment A-1.

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2.0 EVALUATION OF RADIOLOGICAL AIR MONITORING DATA

This section documents environmental monitoring activities related to radiological air data. The radiological air monitoring conducted at the NC Sites is part of the EMP. Radiological air data are collected to evaluate the compliance status of each site with ARARs, to evaluate trends, and to perform dose assessments for radiological contaminants as appropriate at each site. Section 2.1 includes a description of the types of radiological air monitoring conducted at the NC Sites, potential sources of the contaminants to be measured (including natural background), and measurement techniques employed during CY 2024.

All radiological air monitoring required through implementation of the EMICY24 (USACE 2023) was conducted as planned in CY 2024. The evaluations of radiological air monitoring data for all NC Sites demonstrate compliance with ARARs (e.g., National Emissions Standards for Hazardous Air Pollutants [NESHAP] report [Appendix B]).

A total effective dose equivalent (TEDE) for the reasonably maximally exposed (RME) member of the public at each of the NC Sites was calculated by summing the dose due to gamma radiation, radiological air particulates, and radon, as applicable. The TEDE calculated for the RME individual at each of the NC Sites was less than or equal to 5.4 mrem per year. The calculated TEDE is compliant with the 100 mrem per year limit prescribed in 10 *Code of Federal Regulations (CFR)* 20.1301. Details of the radiological dose assessment (TEDE calculation) are presented in Section 6.0.

2.1 RADIOLOGICAL AIR MEASUREMENTS

The three types of radiological air monitoring conducted at the NC Sites in CY 2024 were gamma radiation, airborne radioactive particulates, and airborne radon. Sections 2.2 and 2.3 contain the results of the air monitoring conducted at the Latty Avenue Properties, the SLAPS, and the SLAPS VPs.

2.1.1 Gamma Radiation

Gamma radiation is emitted from natural, cosmic, and manmade sources. The earth naturally contains gamma radiation-emitting substances, such as the uranium decay series, the thorium decay series, and potassium (K)-40. Cosmic radiation originates in outer space and filters through the atmosphere to the earth. Together, these two sources comprise the majority of natural gamma background radiation. The National Council on Radiation Protection and Measurements (NCRP) estimates that the total naturally occurring background radiation dose equivalent due to gamma exposure is 51 mrem per year, 20 mrem per year of which originates from sources on earth and 31 mrem per year of which originates from cosmic sources (NCRP 2009). The background monitoring location for the NC Sites (Figure 2-1) is reasonably representative of background gamma radiation for the St. Louis metropolitan area (Appendix C, Table C-3).

Gamma radiation was measured at the NC Sites in CY 2024 using external dose dosimeters (EDDs). EDDs were placed at site boundaries or at locations representative of areas accessible to the public (Figures 2-2 and 2-3) in order to provide input for calculation of TEDE.

The EDDs were placed at the monitoring location approximately 3 to 5 ft above the ground surface inside a housing shelter to represent whole-body exposure. The EDDs were collected quarterly and sent to a properly certified, offsite laboratory for analysis (Appendix C, Table C-3).

2.1.2 Airborne Radioactive Particulates

2.1.2.1 Air Sampling

Airborne radioactive particulates result from radionuclides in soil that become suspended in the air. The radionuclides in soil normally become airborne as a result of wind erosion of the surface soil or as a result of soil disturbance (e.g., excavation). This airborne radioactive material includes naturally occurring background concentrations (Appendix C, Table C-1), as well as above-background concentrations of radioactive materials present at the NC Sites.

Airborne radioactive particulates were measured at the NC Sites by drawing air through a filter membrane with an air sampling pump placed approximately 3 to 5 ft above the ground (to represent the breathing zone) and then analyzing the material contained on the filter. The results of the analysis, when compared to the amount of air drawn through the filter, were reported as radioactive contaminant concentrations (i.e., µCi/mL). Particulate air monitors were located at excavation and loadout area perimeter locations (Figure 2-3), as appropriate, to provide input for the NESHAP report and calculation of TEDE to the critical receptor. Air particulate samples were typically collected daily or on the first working day after a weekend.

2.1.2.2 Estimation of Emissions in Accordance with the National Emission Standard for Hazardous Air Pollutants

The NC Sites CY 2024 NESHAP report (Appendix B) presents calculation of the effective dose equivalent (EDE) from radionuclide emissions to critical receptors in accordance with the NESHAP. The report is prepared in accordance with the requirements and procedures contained in 40 *CFR* 61, Subpart I.

Emission rates calculated using air sampling data, activity fractions, and other site-specific information were used as inputs to the USEPA CAP88-PC Version 4.1.1 computer code (USEPA 2020) to demonstrate compliance with the 10 mrem per year ARAR prescribed in 40 *CFR* 61, Subpart I.

CY 2024 monitoring results for the NC Sites demonstrate compliance with the 10 mrem per year ARAR prescribed in 40 *CFR* 61, Subpart I.

2.1.3 Airborne Radon

Uranium (U)-238 is a naturally occurring radionuclide commonly found in soil and rock. Radon (Rn)-222 is a naturally occurring radioactive gas found in the uranium decay series. A fraction of the radon produced from the radioactive decay of naturally occurring U-238 diffuses from soil and rock into the atmosphere, accounting for natural background airborne radon concentrations. The NCRP estimates the total naturally occurring background radiation dose equivalent due to radon exposure is 230 mrem per year (NCRP 2009). In addition to this natural source, radon is produced from the above-background concentrations of radioactive materials present at the NC Sites.

Outdoor airborne radon concentration is governed by the emission rate and dilution factors, both of which are strongly affected by meteorological conditions. Surface soil is the largest source of radon. Secondary contributors include oceans, natural gas, geothermal fluids, volcanic gases, ventilation from caves and mines, and coal combustion. Radon levels in the atmosphere have been observed to vary with height above the ground, season, time of day, and location. The primary meteorological parameter governing airborne radon concentration is atmospheric stability; however, the largest variations in atmospheric radon occur spatially (USEPA 1987).

Radon alpha track detectors (ATDs) were used at the NC Sites to measure alpha particles emitted from radon and its associated decay products. The background monitoring location for the SLS (Figure 2-1) is reasonably representative of background radon concentrations for the St. Louis metropolitan area. Radon ATDs were co-located with environmental EDDs approximately 3 to 5 ft above the ground surface (to represent the breathing zone) in housing shelters at the site boundaries or at locations representative of areas accessible to the public (Figures 2-2 and 2-3). Outdoor ATDs were collected approximately every 6 months and sent to a properly certified offsite laboratory for analysis (Appendix C, Table C-2). Recorded radon concentrations are listed in pCi/L and are used to provide input for calculation of TEDE.

At the NC Sites, ATDs were also placed in locations within applicable structures to monitor for indoor radon exposure. The ATDs were placed in areas that represent the highest likely exposure from indoor radon. ATD locations were chosen with consideration given to known radium (Ra)-226 concentrations under applicable buildings and occupancy time at any one location within each building (Figure 2-2). Annual average indoor radon data in each applicable building were compared to the 40 *CFR* 192.12(b)(1) ARAR value of 0.02 WL. In accordance with 40 *CFR* 192.12(b)(1), reasonable effort shall be made to achieve, in each habitable or occupied building, an annual average (or equivalent) radon decay product concentration (including background) not to exceed 0.02 WL. In any case, the radon decay product concentration shall not exceed 0.03 WL. Background indoor radon monitors were not necessary, because the regulatory standard of 0.02 WL includes background. Indoor ATDs were also collected approximately every 6 months and sent to a properly certified offsite laboratory for analysis (Appendix C, Table C-2).

CY 2024 monitoring results for the NC Sites demonstrate compliance with the 0.02 WL ARAR prescribed by 40 *CFR* 192.12(b)(1) with the exception of the Futura north building office and display area. The north building office and display area average annual radon concentration was 0.024 WL, which is greater than the 40 *CFR* 192.12(b)(1) lower criterion of 0.02 WL, but less than the 40 *CFR* 192.12(b)(1) lower criterion of 0.03 WL. See Section 2.2.4 for further details.

2.2 LATTY AVENUE PROPERTIES

Radiological air particulate monitoring was not conducted at Latty Avenue Properties in CY 2024.

2.2.1 Evaluation of Gamma Radiation Data

External gamma radiation exposure from Latty Avenue Properties other than Futura/VP-40A is considered negligible; therefore, environmental EDD monitoring was not conducted at Latty Avenue Properties other than VP-40A in CY 2024. Gamma radiation monitoring was performed at two locations along the railroad tracks on VP-40A (see Figure 2-2) and at the background location to compare onsite/offsite exposure and to provide input for calculation of TEDE to the critical receptor (Section 6.0) in CY 2024. A summary of EDD monitoring data for CY 2024 at VP-40A is shown in Table 2-1. EDD data are contained in Appendix C, Table C-3, of this EMDAR.

Table 2-1. Summary of Futura/VP-40A Gamma Radiation Data for CY 2024

Monitoring Location	Monitoring Station	First Quarter EDD Data (01/02/24 to 04/01/24)		Second Quarter EDD Data (04/01/24 to 07/02/24)		Third Quarter EDD Data (07/02/24 to 10/02/24)		Fourth Quarter EDD Data (10/02/24 to 01/09/25)		CY 2024 Net EDD Data (mrem/year)
		(mrem/quarter)								
		Rpt.	Cor.[a,b]	Rpt.[c]	Cor.[a,b]	Rpt.	Cor.[a,b]	Rpt.	Cor.[a,b]	
Futura/ VP-40A	FA-2	14.5	0.0	14.5	0.0	16.1	0.5	17.6	0.0	0.5
	FA-3	15.4	0.8	15.4	0.8	15.8	0.2	17.3	0.0	1.7
Background	BA-1	14.7	---	14.7	---	15.6	---	19.1	---	---

[a] All quarterly data reported from the vendor have been normalized to exactly one quarter's exposure above background.
[b] CY 2024 net EDD data are corrected for background, shelter absorption (s/a = 1.075), and fade.
[c] Second quarter EDDs were errantly lost by the analytical laboratory and could not be recovered; therefore, the first quarter EDD data have been replicated as a replacement for the missing second quarter data.
--- Result calculation not required for background data.
Cor. – Corrected
Rpt. – Reported

2.2.2 Evaluation of Airborne Radioactive Particulate Data

No RA excavations near the Latty Avenue Properties were performed in CY 2024, and potentially contaminated soil is covered by asphalt, concrete, gravel, railroad ballast, and vegetative ground cover; therefore, dose due to air particulate emissions was assumed to be negligible.

2.2.3 Evaluation of Outdoor Airborne Radon Data

Outdoor exposure from Rn-222 from Latty Avenue Properties other than Futura/VP-40A is considered negligible. Therefore, outdoor environmental Rn-222 monitoring was not conducted at Latty Avenue Properties other than Futura/VP-40A in 2024. For the Latty Avenue Properties, outdoor airborne radon monitoring was performed using ATDs placed along the railroad tracks on VP-40A. Two detectors were co-located with EDDs and an additional ATD was located just north of the other two ATDs, as identified on Figure 2-2. Background ATDs were used to compare onsite exposure and offsite background exposure. Outdoor airborne radon data were used as an input for calculation of TEDE to the critical receptor (Section 6). A summary of CY 2024 outdoor radon data at Futura/VP-40A is shown in Table 2-2. Outdoor ATD data are contained in Appendix C, Table C-2 of this EMDAR.

Table 2-2. Summary of Futura/VP-40A Outdoor Airborne Radon (Rn-222) Data for CY 2024

Monitoring Location	Monitoring Station	Average Annual Concentration (pCi/L)		
		01/02/24 to 07/02/24[a] (Uncorrected)	07/02/24 to 01/09/25[a] (Uncorrected)	Average Annual Concentration[b]
Futura/VP-40A	FA-1	0.14	0.22	0.05
	FA-2	0.08	0.27	0.04
	FA-3	0.08	0.43	0.12
Background	BA-1	0.08	0.19	---

[a] Detectors were installed and removed on the dates listed. Data are as reported from the vendor (gross data including background).
[b] Results reported from the vendor are typically time-weighted and averaged to estimate an annual average radon above-background concentration (in pCi/L).
--- Average annual concentration calculation not required for background.

2.2.4 Evaluation of Indoor Airborne Radon Data

Indoor radon monitoring was performed at Futura buildings using ATDs placed at several locations in each Futura building at a height of approximately 3 to 5 ft (to represent breathing zone conditions) to measure radon concentrations. The detectors were located as shown on Figure 2-2. The ATDs

were installed in January of CY 2022 at each monitoring location, collected for analysis after approximately 6 months of exposure, and replaced with another set that represents radon exposure for the remainder of the year. Recorded radon concentrations (in pCi/L) were converted to a radon WL, and an indoor radon equilibrium factor of 0.4 (NCRP 1988) was applied.

The results (including background) were evaluated based on the criteria contained in 40 *CFR* 192.12(b)(1). The average annual radon concentration was less than the 40 *CFR* 192.12(b)(1) criterion of 0.02 WL in each building with the exception of the Building 1 office and display area (Leidos 2025a). The north building office and display area average annual radon concentration was 0.024 WL, which is greater than the 40 *CFR* 192.12(b)(1) lower criterion of 0.02 WL, but less than the 40 *CFR* 192.12(b)(1) lower criterion of 0.03 WL.

The USACE evaluates the concentration of Ra-226 and Ra-228 under or adjacent to buildings because those radionuclides are precursors to Rn-222 and Rn-220, respectively. Within the NC Sites, only the concentrations of Ra-226 in the soil under the buildings at Futura exceed the RGs. Thus, Rn-222 has been monitored within those buildings since 2006 as documented in the annual EMDARs. The display and office room at Futura have the only radon results exceeding the 0.02 WL threshold, ranging from 0.021 to 0.026, but not exceeding the 0.03 WL limit. The USACE added more monitoring devices in the Building 1 display room in 2022 and 2023 to assess possible variations within this large room. The additional results were within the range of previous results. Thus, the vapor intrusion pathway presented by radon is being evaluated and remains below the applicable 0.03 WL limit. The design of the building and the clayey nature of soil underlying the concrete foundation, which restricts horizontal movement of gas to a lower pressure zone, allow for no reasonable interim mitigation for this room.

Table 2-3 includes additional details of the data and calculation methodology used to determine the indoor radon WL in the Futura buildings. Indoor ATD data are contained in Appendix C, Table C-2, of this EMDAR.

Table 2-3. Summary of Futura Indoor Airborne Radon (Rn-222) Data for CY 2024

Monitoring Location	Monitoring Station	Average Annual Concentration (pCi/L)				WL[d]
		01/04/24 to 07/05/24[a]	07/05/24 to 01/02/25[a]	Annual Average[b]	Building/Area Average[c]	
Futura Building 1						
Building 1 Laboratory	HF-1	1.4	2.5	1.95	1.95	0.008
Building 1 Offices and Display Room	HF-2	4.7	5.8	5.25	5.96	0.024
	HF-11	5.9	6.7	6.3		
	HF-12	4.9	6.9	5.9		
	HF-13	5.6	7.2	6.4		
Building 1 South Storage	HF-3	0.24	0.35	0.30	0.30	0.001
Futura Building 2/3						
North Room	HF-4	0.73	1.1	0.92	0.95	0.004
Paint Room North	HF-5	0.97	1.1	1.04		
Paint Room South	HF-6	0.57	0.92	0.75		
South Room	HF-7	0.84	1.4	1.12		
Futura Building 4						
North Area	HF-8	0.68	1.1	0.89	0.99	0.004
Middle Area	HF-9	0.78	1.1	0.94		
South Area	HF-10	0.86	1.4	1.13		

[a] Detectors were installed and removed on the dates listed. Data are as reported from the vendor.

[b] Results reported from the vendor for two periods are averaged to estimate an annual average radon above-background concentration (in pCi/L).

[c] In each building or area, the average annual result for each monitoring station within the building was used to calculate a building or area average.

[d] The average annual WL is calculated by dividing the average pCi/L by 100 pCi/L per WL and multiplying by 0.4 equilibrium factor. Reasonable effort shall be made to achieve an average annual WL less than 0.02 and the average annual WL shall not exceed 0.03 WL (40 *CFR* 192.12(b)).

2.3 ST. LOUIS AIRPORT SITE AND ST. LOUIS AIRPORT SITE VICINITY PROPERTIES

Radiological air monitoring was conducted at the excavation and loadout area perimeters at CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC); IA-09 Ballfields; IA-09 Soil Spoils Area (SSA); and the loadout area at the SLAPS and the SLAPS VPs in CY 2024.

2.3.1 Evaluation of Gamma Radiation Data

Gamma radiation monitoring was performed at the SLAPS in CY 2024 at four site locations surrounding the SLAPS Loadout area (Figure 2-3) and at the background location (Figure 2-1) to compare onsite/offsite exposure and to provide input for calculation of TEDE to the critical receptor (Section 6.0). The EMP uses two EDDs at monitoring station PA-2 (for each monitoring period) to provide additional quality control (QC) of the monitoring data.

A summary of EDD monitoring results for CY 2024 at the SLAPS is shown in Table 2-4. EDD data are contained in Appendix C, Table C-3, of this EMDAR.

Table 2-4. Summary of SLAPS Gamma Radiation Data for CY 2024

Monitoring Location	Monitoring Station	First Quarter EDD Data (01/02/24 to 04/01/24)		Second Quarter EDD Data (04/01/24 to 07/02/24)		Third Quarter EDD Data (07/02/24 to 10/02/24)		Fourth Quarter EDD Data (10/02/24 to 01/09/25)		CY 2024 Net EDD Data (mrem/year)
		(mrem/quarter)								
		Rpt.	Cor.[a,b]	Rpt.[c]	Cor.[a,b]	Rpt.	Cor.[a,b]	Rpt.	Cor.[a,b]	
SLAPS Perimeter	PA-1	17.0	2.5	17.0	2.5	18.8	3.5	19.4	0.3	8.7
	PA-2	19.1	4.8	19.1	4.7	22.1	7.1	21.5	2.4	19.0
	PA-2 duplicate[d]	19.0	4.7	19.0	4.6	21.1	6.0	24.1	5.0	---
	PA-3	16.1	1.5	16.1	1.5	17.2	1.7	17.3	0	4.8
	PA-4	19.5	5.2	19.5	5.2	22.5	7.5	25.9	6.9	24.7
Background	BA-1	14.7	---	14.7	---	15.6	---	19.1	---	---

[a] All quarterly data reported from the vendor have been normalized to exactly one quarter's exposure.
[b] CY 2024 net EDD data are corrected for background, shelter absorption (s/a = 1.075), and fade.
[c] Second quarter EDDs were errantly lost by the analytical laboratory and could not be recovered; therefore, the first quarter EDD data have been replicated as a replacement for the missing second quarter data.
[d] A QC duplicate is collected at the same time and location and is analyzed by the same method for evaluating precision in sampling and analysis. Duplicate sample results were not included in calculations.
--- Result calculations are not required.
Cor. – Corrected
Rpt. – Reported

Gamma radiation monitoring was performed at the SLAPS VPs in CY 2024 at four site locations surrounding the IA-09 SSA Loadout area (Figure 2-3) and at the background location (Figure 2-1) to compare onsite/offsite exposure and to provide input for calculation of TEDE to the critical receptor (Section 6.0). Gamma radiation monitoring began at these VP locations in June 2024 and was attributed to the third quarter monitoring period.

A summary of EDD monitoring results for CY 2024 at the SLAPS VPs is shown in Table 2-5. EDD data are contained in Appendix C, Table C-3, of this EMDAR.

Table 2-5. Summary of IA-09 SSA Gamma Radiation Data for CY 2024

Monitoring Location	Monitoring Station	First Quarter EDD Data (01/02/24 to 04/01/24)		Second Quarter EDD Data (04/01/24 to 07/02/24)		Third Quarter EDD Data (07/02/24 to 10/02/24)		Fourth Quarter EDD Data (10/02/24 to 01/09/25)		CY 2024 Net EDD Data (mrem/year)
		(mrem/quarter)								
		Rpt.	Cor.[a,b]	Rpt.	Cor.[a,b]	Rpt.	Cor.[a,b]	Rpt.	Cor.[a,b]	
IA-09 SSA Perimeter	PA-7	---	---	---	---	25.1	7.3	25.2	6.2	13.5
	PA-8	---	---	---	---	23.1	5.4	23.2	4.1	9.5
	PA-9	---	---	---	---	25.1	7.3	25.9	6.9	14.2
	PA-10	---	---	---	---	24.8	7.0	26.2	7.2	14.2
Background	BA-1	14.7	---	14.7	---	15.6	---	19.1	---	---

[a] All quarterly data reported from the vendor have been normalized to exactly one quarter's exposure.
[b] CY 2024 net EDD data are corrected for background, shelter absorption (s/a = 1.075), and fade.
--- Result calculations are not required.
Cor. – Corrected
Rpt. – Reported

2.3.2 Evaluation of Airborne Radioactive Particulate Data

For the SLAPS and the SLAPS VPs, air sampling for particulate radionuclides was conducted at the perimeter of each active excavation and loadout area throughout CY 2024. Air particulate data were used as inputs to the NESHAP report (Appendix B) and calculation of TEDE to the critical receptor (Section 6.0).

A summary of air particulate monitoring data for the SLAPS and the SLAPS VPs is shown in Table 2-6. Airborne radioactive particulate data are contained in Appendix C, Table C-4, of this EMDAR.

Table 2-6. Summary of SLAPS Airborne Radioactive Particulate Data for CY 2024

Monitoring Location	Average Concentration (µCi/mL)[a]	
	Gross Alpha	Gross Beta
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	9.85E-15	3.53E-14
IA-09 Ballfields	1.08E-14	3.29E-14
James S McDonnell Boulevard	1.02E-14	3.49E-14
IA-09 SSA	1.06E-14	3.48E-14
SLAPS Loadout	9.45E-15	2.78E-14
Background Concentration[b]	3.90E-15	2.15E-14

[a] Average concentration values for the sampling period by location.
[b] These concentrations are provided for informational purposes only.

2.3.3 Evaluation of Outdoor Airborne Radon Data

Outdoor airborne radon monitoring was performed at the SLAPS using ATDs placed around the loadout area to measure radon emissions from the site. Four detectors were co-located with EDDs, as identified on Figure 2-3. One additional detector was located at monitoring station PA-2 as a QC duplicate. A background ATD was used to compare onsite exposure and offsite background exposure. Outdoor airborne radon data were used as inputs for calculation of TEDE to the critical receptor (Section 6.0).

A summary of CY 2024 outdoor radon data at the SLAPS is shown in Table 2-7. Outdoor ATD data are contained in Appendix C, Table C-2, of this EMDAR.

Table 2-7. Summary of SLAPS Outdoor Airborne Radon (Rn-222) Data for CY 2024

Monitoring Location	Monitoring Station	Average Annual Concentration (pCi/L)		
		01/02/24 to 07/02/24[a] (Uncorrected)	07/02/24 to 01/09/25[a] (Uncorrected)	Average Annual Concentration[b]
SLAPS Perimeter	PA-1	0.08	0.19	0.00
	PA-2	0.08	0.22	0.02
	PA-2[c]	0.11	0.22	---
	PA-3	0.08	0.22	0.02
	PA-4	0.08	0.19	0.00
Background	BA-1	0.08	0.19	---

[a] Detectors were installed and removed on the dates listed. Data are as reported from the vendor (gross data including background).
[b] Results reported from the vendor for two periods are time-weighted and averaged to estimate an annual average radon above-background concentration (in pCi/L).
[c] A QC duplicate is collected at the same time and location and is analyzed by the same method for evaluating precision in sampling and analysis.
--- Result calculations are not required.

Outdoor airborne radon monitoring was performed at the SLAPS VPs using ATDs placed around the IA-09 SSA to measure radon emissions from the site. Four detectors were co-located with EDDs, as identified on Figure 2-3. A background ATD was used to compare onsite exposure and offsite background exposure. Outdoor airborne radon data were used as inputs for calculation of TEDE to the critical receptor (Section 6.0). Airborne radon monitoring began at these VP locations in June 2024 and was attributed to the second half of 2024 monitoring period.

A summary of CY 2024 outdoor radon data at the SLAPS VPs is shown in Table 2-8. Outdoor ATD data are contained in Appendix C, Table C-2, of this EMDAR.

Table 2-8. Summary of IA-09 SSA Outdoor Airborne Radon (Rn-222) Data for CY 2024

Monitoring Location	Monitoring Station	Average Annual Concentration (pCi/L)		
		01/02/24 to 07/02/24[a] (Uncorrected)	6/19/24 to 01/09/25[a] (Uncorrected)	Average Annual Concentration[b]
IA-09 SSA Perimeter	PA-7	---	0.24	0.04
	PA-8	---	0.30	0.10
	PA-9	---	0.22	0.02
	PA-10	---	0.19	0.00
Background	BA-1	0.08	0.19	---

[a] Detectors were installed and removed on the dates listed. Data are as reported from the vendor (gross data including background).
[b] Results reported from the vendor for two periods are time-weighted and averaged to estimate an annual average radon greater-than-background concentration (in pCi/L).
--- Result calculations are not required.

3.0 EVALUATION OF LABORATORY WATER, STORMWATER, EXCAVATION WATER, SURFACE WATER, AND SEDIMENT MONITORING DATA

This section provides a description of the excavation water, stormwater, surface water, and sediment monitoring activities conducted at the NC Sites, including the monitoring of CWC, in CY 2024. The results obtained from these monitoring activities are presented and evaluated with respect to historical data and the appropriate discharge limits as described in the EMICY24 (USACE 2023).

Section 2.2.2 of the EMICY24 outlines the discharge limits for the stormwater and excavation water discharged at the NC Sites (USACE 2023). The MSD has issued discharge authorization letters for the NC Sites that established discharge-limit-based criteria (MSD 1998, 2001, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024). The pollutants addressed for all NC Sites are identified in Table 2-5 of the EMICY24 (USACE 2023). The pollutants addressed in the National Pollutant Discharge Elimination System (NPDES) permit equivalent for the SLAPS will be applied at all NC Sites and are identified in Table 2-6 of the EMICY24 (USACE 2023). For cases in which the regulatory authorities have not provided radiological contaminant of concern (COC) discharge limits, the 10 *CFR* 20, Appendix B, water effluent values are used to calculate the sum of ratios (SOR) value for each discharge. Additionally, the SOR aids in the establishment of water management protocols. The Missouri Department of Natural Resources (MDNR) has also issued an ARAR document outlining limits for the stormwater outfalls at the SLAPS (MDNR 1998).

3.1 LABORATORY WATER, STORMWATER, AND EXCAVATION WATER DISCHARGE MONITORING

This section provides a description of the laboratory discharge water, excavation water, and stormwater monitoring activities conducted at the NC Sites in CY 2024. The monitoring results obtained from these activities are presented and compared with the various authorization letters or permit-equivalent limits as presented in the EMICY24 (USACE 2023). The purpose of discharge monitoring at the NC Sites is to maintain compliance with the specific discharge requirements for each respective site.

3.1.1 Metropolitan St. Louis Sewer District Special Discharge Approval for the Onsite FUSRAP St. Louis Radioanalytical Laboratory

In CY 2024, the USACE operated the onsite project laboratory, the FUSRAP St. Louis Radioanalytical Laboratory, located at 112 James S McDonnell Boulevard, Hazelwood, Missouri. The project laboratory wastewater (i.e., glassware cleanup wastewater, decontamination water, and neutralized isotopic separations waste) discharge point is co-located with the primary SLAPS treated wastewater (i.e., accumulated excavation and groundwater) discharge point at MSD manhole 10L3-043S (Figure 3-1). The laboratory operated in accordance with the combined MSD special discharge approval for SLAPS and project laboratory discharges. The MSD special discharge approval expires on July 23, 2026 (MSD 2024).

3.1.2 Evaluation of Stormwater Discharge Monitoring Results

In CY 2024, stormwater monitoring at the SLAPS was conducted to verify compliance with NPDES permit-equivalent requirements. There is one NPDES outfall located at the SLAPS. This outfall has been assigned the station identification PN02 for Outfall 002. PN02 is located at the

termination of a drainage feature that conveys stormwater along the north side of James S McDonnell Boulevard to CWC (Figure 3-1).

In conjunction with the construction of a sedimentation basin during CY 1998, the MDNR issued discharge sampling requirements for three outfalls (PN01 [now terminated], PN02 [terminated on June 7, 2024], and PN03 [now terminated]). The ARAR permit-equivalent document (MDNR 1998) requires monthly monitoring for flow, oil and grease, total petroleum hydrocarbons (TPHs), pH, settleable solids (SSs), and polychlorinated biphenyls (PCBs), as well as total recoverable arsenic, chromium, and cadmium. In addition, effluent monitoring for gross alpha, gross beta, protactinium (Pa)-231, actinium (Ac)-227, total Ra, total thorium (Th), and total U is required for each discharge event. Effluent monitoring for radon is to be performed twice per year. However, due to the short duration of sampling at Un-Named Outfalls CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) and VP Ballfields in 2024, radon sampling was not required. As outlined in a letter from the USACE to the MDNR dated November 18, 2003, chemical oxygen demand (COD) monitoring has been modified from quarterly to annually (USACE 2003).

On February 19, 2002, the MDNR issued a letter to the USACE conditionally agreeing with a request to reduce the sampling frequency at PN02 to once per year, effective February of 2002 until the drainage area becomes affected by soil disturbance such as excavation (MDNR 2002). The condition of the agreement is that the MDNR be notified prior to the soil in the area being disturbed. Sampling frequency at PN02 was temporarily reduced to annually, per USACE email on February 8, 2018. On April 19, 2018, USACE notified MDNR that the sampling frequency at PN02 was increased from annually (MDNR 2002) to monthly because remediation resumed at the IA-09 (Ballfields). These emails are contained in Appendix D, Attachment D-1. On June 7, 2024, Outfall PN02 was removed in association with the RAs at the J.S. McDonnell Bridge over CWC. A new outfall area, Un-Named Outfall VP Ballfields, was established to include the area associated with James S McDonnell Boulevard and J.S. McDonnell Bridge RAs and the IA-09 (Ballfields) collective watershed area.

During 2024, Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) was utilized in the first quarter of CY 2024 (Figure 3-1). Un-Named Outfall VP Ballfields was utilized in the third quarter of CY 2024 (Figure 3-1). Moving outfalls are necessary to pump excess excavation water, which cannot be contained due to geographic conditions, to CWC. The excess excavation water is pumped to CWC in accordance with agreements made during a March 12, 2007, meeting with Mr. Tom Siegel of the MDNR, and as described in a subsequent letter from the USACE dated April 20, 2007 (USACE 2007). Excavation water sampling is conducted to verify compliance with the NPDES permit-equivalent requirements. The discharge parameters for the un-named outfalls follow the same NPDES parameters as those specified for Outfall 002 (PN02).

Analytical results for the NC Sites are contained in Appendix D, Table D-1. Quarterly summaries of the CY 2024 stormwater monitoring events for the NC Sites are presented in the following subsections. NC Sites stormwater monitoring results for CY 2024 are contained in Tables 3-1 through 3-2.

During CY 2024, rainfall data were obtained for the National Weather Service Lambert – St. Louis International Weather Station (Weather Underground, Inc. 2024), which is located adjacent to the NC Sites. Daily flow and rainfall data are contained in Appendix D, Table D-2.

First Quarter

During the first quarter (January, February, and March) of CY 2024, all NPDES sample results were in compliance with permit-equivalent requirements (Table 3-1). During the first quarter, 12 sampling events were conducted at Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC). No NPDES samples were collected at Outfall PN02 because no rain events producing measurable flow offsite occurred.

Second Quarter

During the second quarter (April, May, and June) of CY 2024, no NPDES samples were collected because no rain events producing measurable flow offsite occurred, and no pumping activities were performed.

Third Quarter

During the third quarter (July, August, and September) of CY 2024, all NPDES sample results were in compliance with permit-equivalent requirements (Table 3-2). During the third quarter, four sampling events were conducted at Un-Named Outfall VP Ballfields. No NPDES samples were collected at Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) because no rain events producing measurable flow offsite occurred and no pumping activities were performed.

Fourth Quarter

During the fourth quarter (October, November, and December) of CY 2024, no NPDES samples were collected because no rain events producing measurable flow offsite occurred and no pumping activities were performed.

3.1.3 Evaluation of Excavation Water Monitoring Results

On July 23, 2001, the MSD conditionally approved the discharge of treated excavation water to an MSD sanitary sewer manhole located at the SLAPS (MSD 2001). The current extension to the special discharge approval expires on July 23, 2026 (MSD 2024). The primary condition of the approval requires a treatment system be installed, maintained, and operated to produce an effluent meeting the following standards: MSD ordinances 8472, 10177, and 10082 (MSD 1991, 1994, 1997); the U.S. Nuclear Regulatory Commission (NRC) requirements prescribed in 10 *CFR* 20, Appendix B; and the Missouri Department of Health and Senior Services (DHSS) requirements prescribed in 19 *Code of State Regulations (CSR)* 20-10. In addition, the MSD limits the annual allocation for radioactivity from the NC Sites to the MSD CWC treatment plant. The MSD establishes the maximum volume of excavation water discharge allowed in a 24-hour period and requires that the analytical results of the treated excavation water comply with applicable standards and limits prior to discharge. During CY 2024, the USACE requested increases in the daily discharge volume because of the amount and frequency of precipitation during parts of the year. On April 3, 2024, the MSD approved the USACE request to increase the daily discharge volume to 200,000 gallons. The MSD also approved daily discharge volume increases to 300,000 gallons on April 5, 2024, and May 1, 2024. On April 16, 2024, and May 23, 2024, the MSD approved the USACE request to increase the daily discharge volume to 300,000 gallons through April 30, 2024, and July 31, 2024, respectively. No exceedances of the MSD limits occurred at the project laboratory or the NC Sites and the evaluation of monitoring data demonstrates that all ARARs have been met. The selenium discharge variance for the SLAPS was not utilized in CY 2024 (MSD 2005, 2012). There is no longer a requirement to analyze for

barium, lead, or selenium after the first two batches from new investigative areas (MSD 2012). Analytical results of the treated water are contained in Appendix D, Table D-3.

In CY 2024, approximately 5,379,667 gallons of treated excavation water from 10 treatment batches were released to MSD manholes 10L3-043S, 10L3-066S, and 06JS-052S (Table 3-3). The discharge location is illustrated on Figure 3-1. Batches of treated excavation water were sampled and analyzed for MSD effluent criteria (Appendix D, Table D-3).

Table 3-1. First Quarter CY 2024 NPDES Sampling Events[a]

Monitoring Parameter	Final Effluent Limitations		Units	Analytical Results			
	Daily Maximum	Monthly Average		Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)[b]			
				Chemical Parameters			
				January	February	March	
Flow	Monitor only	Monitor only	MGD	2.10	2.10	2.1	
Oil and Grease	15	10	mg/L	< 1.4	1.8	1.7	
TPHs	10	10	mg/L	< 1.4	< 1.4	< 1.4	
pH-Units	6.0-9.0	NA	s.u.	7.77	8.16	7.33	
COD[c]	120	90	mg/L	[c]	[c]	[c]	
SSs[d]	1.5	1.0	mL/L/hour	[e]	[f]	[g]	
Arsenic, Total Recoverable	100	100	µg/L	2.2	2.2	3	
Lead, Total Recoverable[h]	190	190	µg/L	[h]	[h]	[h]	
Chromium, Total Recoverable	280	280	µg/L	1.7	<1.3	<1.3	
Copper, Total Recoverable[h]	84	84	µg/L	[h]	[h]	[h]	
Cadmium, Total Recoverable	94	94	µg/L	0.10	<0.06	0.22	
PCBs	No release	No release	µg/L	<0.1	<0.1	<0.1	
Event Sampling Dates				Radiological Parameters[i,j,k]			
				Event 1	Event 2	Event 3	Event 4
				01/02/24 – 01/05/24	01/08/24 – 01/11/24	01/24/24	01/30/24 – 02/02/24
Total U[l,m]	Monitor only	Monitor only	µg/L	3.E+00	2.E+00	2.E+00	3.E+00
Total Ra[l,m]	Monitor only	Monitor only	µg/L	6.E-07	6.E-07	8.E-07	6.E-07
Total Th[l,m]	Monitor only	Monitor only	µg/L	6.E+00	7.E+00	5.E+00	5.E+00
Gross Alpha[l]	Monitor only	Monitor only	pCi/L	1.E+01	1.E+01	1.E+01	5.E+00
Gross Beta[l]	Monitor only	Monitor only	pCi/L	1.E+01	1.E+01	1.E+01	1.E+01
Pa-231[l]	Monitor only	Monitor only	pCi/L	5.E+01	5.E+01	5.E+01	4.E+01
Ac-227[l]	Monitor only	Monitor only	pCi/L	1.E+01	1.E+01	2.E+01	1.E+01
Radon	Monitor only	Monitor only	pCi/L	[n]	[n]	[n]	[n]
Event Sampling Dates				Radiological Parameters[i,j,k]			
				Event 5	Event 6	Event 7	Event 8
				02/05/24 – 02/09/24	02/12/24 – 02/16/24	02/19/24 – 02/23/24	02/26/24 – 03/01/24
Total U[l,m]	Monitor only	Monitor only	µg/L	3.E+00	3.E+00	3.E+00	3.E+00
Total Ra[l,m]	Monitor only	Monitor only	µg/L	5.E-07	6.E-07	6.E-07	5.E-07
Total Th[l,m]	Monitor only	Monitor only	µg/L	4.E+00	4.E+00	8.E+00	1.E+01
Gross Alpha[l]	Monitor only	Monitor only	pCi/L	6.E+00	4.E+00	5.E+00	5.E+00
Gross Beta[l]	Monitor only	Monitor only	pCi/L	1.E+01	1.E+01	1.E+01	2.E+01
Pa-231[l]	Monitor only	Monitor only	pCi/L	5.E+01	6.E+01	4.E+01	4.E+01
Ac-227[l]	Monitor only	Monitor only	pCi/L	1.E+01	2.E+01	1.E+01	1.E+01
Radon	Monitor only	Monitor only	pCi/L	[n]	[n]	[n]	[n]

Table 3-1. First Quarter CY 2024 NPDES Sampling Events[a] (Continued)

Event Sampling Dates				Radiological Parameters[i,j,k]			
				Event 9	Event 10	Event 11	Event 12
				03/04/24 – 03/06/24	03/12/24 – 03/13/24	03/18/24 – 03/21/24	03/27/24 – 03/29/24
Total U[l,m]	Monitor only	Monitor only	µg/L	2.E+00	2.E+00	3.E+00	3.E+00
Total Ra[l,m]	Monitor only	Monitor only	µg/L	6.E-07	8.E-07	7.E-07	9.E-07
Total Th[l,m]	Monitor only	Monitor only	µg/L	5.E+00	7.E+00	5.E+00	6.E+00
Gross Alpha[l]	Monitor only	Monitor only	pCi/L	5.E+00	5.E+00	4.E+00	4.E+00
Gross Beta[l]	Monitor only	Monitor only	pCi/L	2.E+01	2.E+01	1.E+01	2.E+01
Pa-231[l]	Monitor only	Monitor only	pCi/L	4.E+01	5.E+01	5.E+01	5.E+01
Ac-227[l]	Monitor only	Monitor only	pCi/L	1.E+01	1.E+01	1.E+01	1.E+01
Radon	Monitor only	Monitor only	pCi/L	[n]	[n]	[n]	[n]

[a] A rainfall event is defined as a measurable increase in discharge rate from precipitation producing 0.1 inch or more of liquid in a 24-hour period that may also exceed the duration of 24 hours; two events experienced within 48 hours may be reported together.

[b] RAs at the Un-Named Outfall CWC-386, CWC-387, CWC-388 (Hazelwood School District Northwest Bank of CWC) were initiated on July 24, 2023, and were completed on April 1, 2024.

[c] Per the USACE letter dated November 18, 2003, the COD sampling requirement has been reduced from quarterly to annual sampling (USACE 2003).

[d] Detection limit (DL) = 0.1 mL/L/hour.

[e] The SS values were 0.00 ml/L/hour with the weighted average of <0.10 ml/L/hour.

[f] The SS values ranged from 0.00 ml/L/hour to 0.10 ml/L/hour with the weighted average of <0.10 ml/L/hour.

[g] The SS values were 0.00 ml/L/hour with the weighted average of <0.10 ml/L/hour.

[h] Lead and copper sampling are no longer necessary per the ROD.

[i] Value reported is based on a volume-weighted average of analyte activity concentrations for samples collected during the defined event. Corresponding radiological samples were collected on the same date as chemical samples; however, the radiological results are incorporated into the volume-weighted average for the specified event.

[j] Negative results are less than the laboratory system's background level.

[k] Ra-228 and Th-228 are assumed to be in secular equilibrium with Th-232; therefore, Th-232 results are used to estimate Ra-228 and Th-228 values.

[l] As specified in the permit-equivalent, radionuclides require monitoring only, and limits are not permit-specified.

[m] Total nuclide values (in µg/L) were calculated using the activity concentration values reported by the laboratory and values for specific activity listed in Table 8.4.1 of *The Health Physics and Radiological Health Handbook* (Shleien 1992).

[n] Semi-annual reporting requirement only.

NA – not applicable

Table 3-2. Third Quarter CY 2024 NPDES Sampling Events[a]

Monitoring Parameter	Final Effluent Limitations		Units	Analytical Results			
	Daily Maximum	Monthly Average		Un-Named Outfall - VP Ballfields[e]			
				Chemical Parameters			
				July	August	September	
Flow	Monitor only	Monitor only	MGD	[g]	[f]	[g]	
Oil and Grease	15	10	mg/L	[g]	[f]	[g]	
TPHs	10	10	mg/L	[g]	[f]	[g]	
pH-Units	6.0-9.0	NA	s.u.	[g]	[f]	[g]	
COD[b]	120	90	mg/L	[g]	[f]	[g]	
SSs[c]	1.5	1.0	mL/L/hour	[g]	[f]	[g]	
Arsenic, Total Recoverable	100	100	µg/L	[g]	[f]	[g]	
Lead, Total Recoverable[d]	190	190	µg/L	[g]	[f]	[g]	
Chromium, Total Recoverable	280	280	µg/L	[g]	[f]	[g]	
Copper, Total Recoverable[d]	84	84	µg/L	[g]	[f]	[g]	
Cadmium, Total Recoverable	94	94	µg/L	[g]	[f]	[g]	
PCBs	No release	No release	µg/L	[g]	[f]	[g]	
Event Sampling Dates				Radiological Parameters[h,i,j]			
				Event 1	Event 2	Event 3	Event 4
				07/04/24	07/16/24	07/29/24	09/23/24
Total U[k,l]	Monitor only	Monitor only	µg/L	3.E+00	2.E+00	2.E+00	2.E+00
Total Ra[k,l]	Monitor only	Monitor only	µg/L	6.E-07	4.E-07	5.E-07	4.E-07
Total Th[k,l]	Monitor only	Monitor only	µg/L	4.E+00	4.E+00	4.E+00	3.E+00
Gross Alpha[k]	Monitor only	Monitor only	pCi/L	1.E+01	1.E+01	1.E+01	1.E+01
Gross Beta[k]	Monitor only	Monitor only	pCi/L	1.E+01	1.E+01	1.E+01	1.E+01
Pa-231[k]	Monitor only	Monitor only	pCi/L	5.E+01	5.E+01	5.E+01	5.E+01
Ac-227[k]	Monitor only	Monitor only	pCi/L	2.E+01	1.E+01	1.E+01	1.E+01
Radon	Monitor only	Monitor only	pCi/L	[m]	[m]	[m]	[m]

[a] A rainfall event is defined as a measurable increase in discharge rate from precipitation producing 0.1 inch or more of liquid in a 24-hour period that may also exceed the duration of 24 hours; two events experienced within 48 hours may be reported together.

[b] Per the USACE letter dated November 18, 2003, the COD sampling requirement has been reduced from quarterly to annual sampling (USACE 2003).

[c] DL = 0.1 mL/L/hour.

[d] Lead and copper sampling are no longer necessary per the ROD.

[e] Outfall 002 (PN02) was removed on 06/07/24. A new outfall area, referred to as the Un-named Outfall - VP Ballfields, was created to include the James S McDonnell Boulevard and J.S. McDonnell Bridge and IA-09 (VP Ballfields) collective watershed area.

[f] No sample is required, because no rain events producing measurable flow offsite occurred, and no pumping activities were performed.

[g] No pumping activities occurred, so only radiological samples were collected during natural flow.

[h] Value reported is based on a volume-weighted average of analyte activity concentrations for samples collected during the defined event. Corresponding radiological samples were collected on the same date as chemical samples; however, the radiological results are incorporated into the volume-weighted average for the specified event.

[i] Negative results are less than the laboratory system's background level.

[j] Ra-228 and Th-228 are assumed to be in secular equilibrium with Th-232; therefore, Th-232 results are used to estimate Ra-228 and Th-228 values.

[k] As specified in the permit-equivalent, radionuclides require monitoring only, and limits are not permit-specified.

[l] Total nuclide values (in µg/L) were calculated using the activity concentration values reported by the laboratory and values for specific activity listed in Table 8.4.1 of *The Health Physics and Radiological Health Handbook* (Shleien 1992).

[m] Semi-annual reporting requirement only.

NA – not applicable

Table 3-3. Excavation Water Discharged in CY 2024

Quarter	Number of Discharges	Number of Gallons Discharged[a]	Total Activity (Ci)		
			Thorium[b]	Uranium[c]	Radium[d]
1	3	558,958	2.0E-05	2.3E-05	2.9E-06
2	2	2,114,786	4.8E-05	2.6E-05	1.5E-05
3	2	937,747	8.7E-06	6.5E-06	4.0E-06
4	3	1,768,176	9.6E-06	1.8E-05	8.6E-06
Total	10	5,379,667	8.6E-05	7.3E-05	3.0E-05

[a] Quantities based on actual quarterly discharges from NC Sites.
[b] Calculated value based on the addition of isotopic analyses for Th-228 and Th-230.
[c] Total U by kinetic phosphorescence analysis (KPA) is unavailable so the sum of the isotopic results is being substituted.
[d] Calculated value based on the addition of isotopic analyses for Ra-226 and Ra-228.

3.2 COLDWATER CREEK MONITORING

RA monitoring of surface water and sediment in CWC is required until the creek has been remediated. The purpose of the monitoring is to document that RAs are having a positive effect on the creek and to provide additional data to assess whether CWC is being measurably affected by COC migration from hydrostratigraphic zone (HZ)-A.

The EMP for CWC evaluates the water quality and the radiological and chemical parameters present in surface water and sediment. Surface water and sediment are monitored for the radiological and chemical parameters specified as List 2 of Table 3-3 of the EMICY24 (USACE 2023). The water quality parameters are measured for surface water only.

The water quality parameters measured include pH, temperature, dissolved oxygen (DO), specific conductivity, oxidation reduction potential (ORP), and turbidity. The objectives of the EMP are as follows:

- To assess the quality of surface water and sediment in CWC;
- To compare the results with monitoring guidelines and/or ROD RGs as established for these media in the EMICY24 (USACE 2023); and
- To evaluate/determine if runoff from the SLAPS, the HISS, the SLAPS VPs, and the Latty Avenue Properties affects the quality of surface water and sediment in CWC.

The MDNR has designated CWC as a metropolitan no-discharge stream. Therefore, discharges are prohibited, except as specifically permitted under the water quality standard (10 *CSR* 20-7.031) and non-contaminated stormwater flows (10 *CSR* 20-7.015.1.A.4). CWC, from its crossing of U.S. Highway 67 (i.e., Lindbergh Boulevard) to its mouth at the Missouri River (a distance of roughly 5.5 miles), is a Class C stream. Class C streams may cease flow during dry periods but maintain permanent pools that support aquatic life (10 *CSR* 20-7.031.1.F.6). The upper reach of CWC south of U.S. Highway 67, which includes the SLAPS/HISS reach, is an unclassified water of the state.

Surface water and sediment samples are collected from CWC on a semi-annual basis as part of the EMP (USACE 2023). Appendix E, Attachment E-1, contains copies of the field logbook pages for CWC surface water and sediment sampling conducted during CY 2024. The routine base-flow elevation sampling events are conducted at 10 CWC monitoring stations (C002 through C011). Locations of the 10 monitoring stations are shown on Figure 3-2. Monitoring station C004, located between the SLAPS and the HISS, is used to monitor the potential water quality impacts from the SLAPS to CWC. Monitoring station C005 is used to monitor water quality downstream from the HISS and the Latty Avenue VPs. Monitoring

station C011, located at Schaefer Bend Park, is the farthest downstream monitoring station on CWC.

Starting in CY 2019, additional surface water samples were collected from CWC on a semi-annual basis during high-flow conditions as a BMP to determine if the creek is being measurably affected by COC migration. These high-flow surface water sampling events are conducted at upstream (C002), midstream (C007), and downstream (C009) locations (Figure 3-2). This sampling is conducted soon after a precipitation event resulting in high-flow conditions (i.e., gage height greater than 6 ft; discharge/streamflow greater than 2,000 ft^3 per second) as indicated at the U.S. Geological Survey (USGS) stream gage (06936475) on CWC near Black Jack, Missouri. High-flow surface water samples are typically collected twice per year over a 1- to 2-day period.

Note that other non-FUSRAP industrial discharges are relatively common along the sampled reaches of CWC; therefore, sample parameters could be influenced by existing industrial sources other than former MED/AEC operations.

3.2.1 Coldwater Creek Surface Water Monitoring Results

Base-flow elevation sampling of surface water at CWC was conducted at or below base flow elevation during the months of April and October in CY 2024. The base flow elevation for CWC at the J.S. McDonnell Bridge is 508.2 ft above mean sea level (amsl). The base flow also may be approximated by a depth measurement of 3.2 ft or less at an "average cross section."

CWC surface water monitoring included obtaining water quality parameters, as well as obtaining samples for metals and radionuclides listed in Table 3-3 of the EMICY24 (USACE 2023). Grab samples were collected and analyzed according to the protocol defined in the *Sampling and Analysis Guide for the St. Louis Sites* (SAG) (USACE 2000). In addition, isotopic U results were used to evaluate total U concentrations in surface water for comparison to the 30 µg/L monitoring guideline described in the ROD (USACE 2005).

All surface water monitoring required through implementation of the EMICY24 was conducted as planned during CY 2024 (USACE 2023). The evaluation of monitoring data demonstrates that all applicable ARARs have been met. The sample results are contained in Appendix E, Table E-1, of this EMDAR.

Water Quality Parameters

Water quality data are collected as part of the routine performance of surface water sampling and are used as part of the overall evaluation of water quality. The water quality results for each surface water monitoring station are summarized in Table 3-4. The average surface water temperatures during the April and October sampling events were 14.73 and 18.35 °C, respectively. The average surface water pH values were 7.35 and 7.86, respectively. The average pH values for both the April and October sampling events were within the acceptance range (6.0 to 9.0) and thus provide suitable conditions for aquatic life.

Average DO levels in April were 6.83 mg/L and in October were 8.85 mg/L. The average specific conductivity for the April sampling event was 0.787 mS/cm, and the average specific conductivity for the October sampling event was 1.30 mS/cm. The average ORP value during the April sampling event (278 mV) was higher than that of the October sampling event (270 mV). The average turbidity value during April was 19.7 NTU and during the October sampling event was 30.0 NTU. Water quality data collected for the high-flow surface water sampling events were comparable to the data collected from base flow events.

Table 3-4. Water Quality Results for CY 2024 CWC Surface Water Sampling

Monitoring Parameter	Unit	Monitoring Station										Average
		C002	C003	C004	C005	C006	C007	C008	C009	C010	C011	
First Sampling Event (04/23/24 to 04/25/24)												
Temperature	°C	14.12	14.8	13.91	16.59	14.9	13.94	13.88	14.74	15.35	15.1	14.73
pH	s.u.	7.94	7.94	6.92	7.7	7.4	7.1	6.49	7.43	7.58	7.04	7.35
DO	mg/L	7.76	8	6.99	6.96	6.85	6.6	6.97	6.53	6.83	4.8	6.83
Specific Conductivity	mS/cm	0.89	0.886	1.12	0.724	0.635	0.521	0.41	1.11	0.916	0.658	0.787
ORP	mV	219	174	254	273	304	309	346	300	294	311	278
Turbidity	NTU	2.7	6.1	9.4	15.9	33.8	58.8	47.3	1.6	10.4	10.9	19.7
Second Sampling Event (10/07/24, 10/08/24, and 10/10/24)												
Temperature	°C	20.13	21.09	17.1	16.55	16.46	19.59	18.45	17.28	18.6	18.27	18.35
pH	s.u.	8.76	8.35	8.18	8.12	7.41	8.03	8.05	7.02	7.75	6.96	7.86
DO	mg/L	15.93	10.48	9.53	6.92	11.34	4.97	5.41	9.51	6.7	7.7	8.85
Specific Conductivity	mS/cm	1.11	1.08	1.13	1.14	1.23	1.22	1.22	1.21	2.79	0.864	1.30
ORP	mV	228	207	266	242	264	296	294	305	280	320	270
Turbidity	NTU	0	35.1	19.1	2.5	11.4	64.8	63.4	0	104	0	30.0
First High Flow Water Sampling Event (04/02/24)												
Temperature	°C	15.20	NA	NA	NA	NA	15.46	NA	15.64	NA	NA	15.40
pH	s.u.	7.35	NA	NA	NA	NA	7.16	NA	6.55	NA	NA	7.02
DO	mg/L	7.1	NA	NA	NA	NA	6.8	NA	7.98	NA	NA	7.3
Specific Conductivity	mS/cm	0.519	NA	NA	NA	NA	0.462	NA	0.351	NA	NA	0.444
ORP	mV	282	NA	NA	NA	NA	325	NA	337	NA	NA	315
Turbidity	NTU	66.7	NA	NA	NA	NA	127	NA	159	NA	NA	118
Second High Flow Water Sampling Event (04/29/24)												
Temperature	°C	16.53	NA	NA	NA	NA	16.44	NA	16.37	NA	NA	16.4
pH	s.u.	7.46	NA	NA	NA	NA	7.23	NA	6.67	NA	NA	7.12
DO	mg/L	9.19	NA	NA	NA	NA	8.94	NA	8.98	NA	NA	9.04
Specific Conductivity	mS/cm	0.484	NA	NA	NA	NA	0.451	NA	0.298	NA	NA	0.411
ORP	mV	274	NA	NA	NA	NA	313	NA	353	NA	NA	313
Turbidity	NTU	50.8	NA	NA	NA	NA	89.4	NA	110	NA	NA	83

Note: Water quality data are used as part of the overall evaluation of water quality, but no ROD-defined monitoring criteria exist.
NA – not applicable (High-flow water samples are collected for only stations C002, C007, and C009.)

Radiological Parameters

The radiological monitoring results for the CY 2024 CWC surface water sampling events are summarized in Table 3-5. Historically, FUSRAP surface water analysis has included unfiltered water samples for the following radiological parameters: Ra-226, Ra-228, Th-228, Th-230, Th-232, U-234, U-235, and U-238. Unfiltered surface water samples from CWC were not analyzed for Ra-228 during CY 2024, because Ra-228 rapidly achieves equilibrium with Th-228, such that their concentrations are equal.

Table 3-5. Radiological Results for CY 2024 CWC Surface Water Sampling

Monitoring Parameter	Monitoring Stations									
	C002	C003	C004	C005	C006	C007	C008	C009	C010	C011
Radionuclide Concentration (pCi/L)										
First Sampling Event (04/23/24 to 04/25/24)										
Ra-226	<0.49[a]	<0.45[a]	<0.43[a]	<0.43[a]	<0.57[a]	<0.47[a]	<0.56[a]	<0.44[a]	<0.44[a]	<0.73[a]
Th-228[b]	1.06	<0.57[a]	<0.69[a]	<0.62[a]	0.81	<0.63[a]	<0.59[a]	<0.55[a]	<0.72[a]	<0.62[a]
Th-230	<0.76[a]	1.36	<0.60[a]	<0.60[a]	0.58	1.09	0.90	0.79	0.64	0.97
Th-232	<0.71[a]	<0.79[a]	<0.50[a]	<0.44[a]	<0.54[a]	<0.58[a]	<0.68[a]	<0.63[a]	<0.63[a]	<0.77[a]
U-234	0.58	1.23	0.57	<0.78[a]	0.42	0.59	<0.50[a]	0.64	0.56	<0.33[a]
U-235	<0.66[a]	<1.04[a]	<0.77[a]	<0.89[a]	<0.67[a]	<0.50[a]	<0.54[a]	<0.48[a]	<0.43[a]	<0.41[a]
U-238	<0.74[a]	<0.73[a]	<0.62[a]	0.56	<0.39[a]	<0.65[a]	<0.51[a]	0.74	0.89	0.54
Total U[c] (µg/L)	1.74	2.41	1.72	1.59	1.03	1.65	0.90	2.13	2.35	0.96
Second Sampling Event (10/07/24, 10/08/24 and 10/10/24)										
Ra-226	<0.42[a]	<0.44[a]	<0.50[a]	<0.42[a]	<0.50[a]	0.47	<0.43[a]	<0.39[a]	<0.46[a]	<0.58[a]
Th-228[b]	<0.47[a]	<0.68[a]	<0.50[a]	<0.71[a]	0.76	0.66	0.47	0.78	<0.52[a]	<0.53[a]
Th-230	0.51	0.87	1.57	1.09	<0.39[a]	0.70	1.09	1.03	<0.49[a]	0.97
Th-232	<0.32[a]	<0.40[a]	<0.50[a]	<0.53[a]	<0.39[a]	<0.50[a]	<0.41[a]	<0.45[a]	<0.49[a]	<0.42[a]
U-234	1.23	0.95	<0.49[a]	0.70	0.89	0.51	1.03	<0.39[a]	0.92	0.60
U-235	<0.62[a]	<0.64[a]	<0.60[a]	<0.61[a]	<0.58[a]	<0.45[a]	<0.64[a]	<0.47[a]	<0.56[a]	<0.56[a]
U-238	0.63	0.99	<0.49[a]	0.45	<0.47[a]	0.60	<0.40[a]	0.63	0.70	0.80
Total U[c] (µg/L)	2.90	3.02	1.03	1.70	2.00	1.63	2.09	1.60	2.40	2.07
First High Flow Water Sampling Event (04/02/24)										
Ra-226	<0.43[a]	NA	NA	NA	NA	<0.45[a]	NA	<0.48[a]	NA	NA
Th-228[b]	<0.54[a]	NA	NA	NA	NA	0.61	NA	<0.48[a]	NA	NA
Th-230	1.07	NA	NA	NA	NA	1.82	NA	1.55	NA	NA
Th-232	<0.36[a]	NA	NA	NA	NA	<0.46[a]	NA	<0.35[a]	NA	NA
U-234	<0.66[a]	NA	NA	NA	NA	<0.55[a]	NA	0.86	NA	NA
U-235	<0.82[a]	NA	NA	NA	NA	<0.64[a]	NA	<0.64[a]	NA	NA
U-238	<0.57[a]	NA	NA	NA	NA	0.40	NA	<0.51[a]	NA	NA
Total U[c] (µg/L)	1.26	NA	NA	NA	NA	1.32	NA	1.78	NA	NA
Second High Flow Water Sampling Event (04/29/24)										
Ra-226	<0.61[a]	NA	NA	NA	NA	<0.63[a]	NA	<0.42[a]	NA	NA
Th-228[b]	1.22	NA	NA	NA	NA	<0.63[a]	NA	0.43	NA	NA
Th-230	1.88	NA	NA	NA	NA	2.42	NA	1.10	NA	NA
Th-232	<0.55[a]	NA	NA	NA	NA	<0.63[a]	NA	<0.55[a]	NA	NA
U-234	<0.54[a]	NA	NA	NA	NA	0.44	NA	0.52	NA	NA
U-235	<0.62[a]	NA	NA	NA	NA	<0.69[a]	NA	<0.51[a]	NA	NA
U-238	<0.36[a]	NA	NA	NA	NA	0.44	NA	<0.66[a]	NA	NA
Total U[c] (µg/L)	0.99	NA	NA	NA	NA	1.43	NA	1.20	NA	NA

[a] Reported result is less than the minimum detectable concentration (MDC) and is therefore set equal to the MDC.

[b] Ra-228 rapidly achieves equilibrium with Th-228, such that their concentrations are equal.

[c] Total U is equal to the sum of the concentrations of uranium isotopes (in pCi/L) divided by 0.677, where 0.677 picocuries per microgram is the specific activity for total U, assuming secular equilibrium.

Note: Total U (30 µg/L) is the only ROD monitoring guideline for surface water. Radiological monitoring parameter data are collected to monitor COC migration and to calculate total U.

NA – not applicable (High-flow water samples are collected for only stations C002, C007, and C009.)

Surface water data for U-234, U-235, and U-238 (reported in pCi/L) were converted to µg/L and compared to the 30 µg/L criterion for total U described in the ROD. The total U concentrations in surface water were significantly less than the 30 µg/L ROD criterion. The radiological data collected for the high-flow surface water sampling events were comparable to the data collected from base-flow events. A summary of the surface water radiological data collected from CWC since March of 2014 is presented in Table 3-6.

Table 3-6. Comparison of Historical Radiological Surface Water Results for CWC

Stations	Radionuclide	Units	03/14	10/14	03/15	10/15	03/16	10/16	03/17	10/17	04/18	10/18	04/19	10/19	04/20	10/20	03/21	10/21	04/22	10/22	04/23	10/23	04/24	10/24
C002	Total U[a]	µg/L	4.11	1.53	3.33	2.04	3.15	3.96	3.23	2.40	1.70	1.14	1.94	2.26	4.44	3.91	1.31	2.23	1.49	1.33	2.05	0.85	1.74	2.90
	Ra-226	pCi/L	<2.04[b]	<1.30[b]	<1.21[b]	<1.11[b]	<1.35[b]	<1. 25[b]	<1.84[b]	1.33	<1.12[b]	<1.59[b]	<1.34[b]	<1.30[b]	<0.74[b]	<0.78[b]	<0.24[b]	<0.31[b]	<0.77[b]	<0.72[b]	<1.41[a]	<0.89[a]	<0.49[a]	<0.42[a]
	Th-228[c]	pCi/L	<0.55[b]	0.25	<0. 46[b]	<0.51[b]	<0.55[b]	<0.45[b]	<0. 30[b]	<0.42[b]	<0.54[b]	<0.46[b]	<0.36[b]	<0.58[b]	<0.58[b]	0.53	<0.48[b]	<0.47[b]	<0.72[b]	<0.71[b]	0.86	<0.49[b]	1.06	<0.47[b]
	Th-230	pCi/L	0.40	<0.38[b]	<0.46[b]	0.63	0.45	0.37	0.42	<0.42[b]	<0.40[b]	0.45	<0.39[b]	<0.41[b]	<0.60[b]	<0.81[b]	0.57	1.07	<0.72[b]	0.57	1.85	0.87	<0.76[b]	0.51
	Th-232	pCi/L	<0.18[b]	<0.17[b]	<0.21[b]	<0.19[b]	<0.20[b]	<0.20[b]	<0.13[b]	<0.19[b]	<0.45[b]	<0.38[b]	<0.33[b]	<0.46[b]	<0.43[b]	<0.81[b]	<0.27[b]	<0.24[b]	<0.63[b]	<0.39[b]	<0.55[b]	<0.49[b]	<0.71[b]	<0.32[b]
C003	Total U[a]	µg/L	2.49	1.68	1.80	2.95	4.91	1.82	2.91	1.71	2.52	1.87	4.35	2.42	2.70	2.35	3.76	1.10	2.92	0.75	2.99	2.17	2.41	3.02
	Ra-226	pCi/L	<2.03[b]	<0.89[b]	<1.23[b]	<1.63[b]	<1.48[b]	<1.55[b]	<0.38[b]	<0.38[b]	<1.12[b]	<0.96[b]	<1.08[b]	<1.33[b]	<0.90[b]	<0.62[b]	<0.17[b]	<0.51[b]	<0.59[b]	<0.78[b]	<0.73[b]	<0.43[b]	<0.45[b]	<0.44[b]
	Th-228[c]	pCi/L	<0.26[b]	<0.56[b]	0.43	<0.41[b]	<0.73[b]	<0.54[b]	<0.41[b]	<0.19[b]	<0.61[b]	<0.48[b]	<0.49[b]	<0.46[b]	<0.46[b]	0.97	<0.27[b]	<0.50[b]	<0.79[b]	<0.62[b]	0.67	<0.67[b]	<0.57[b]	<0.68[b]
	Th-230	pCi/L	0.85	0.50	0.36	<0.18[b]	0.39	0.44	<0.29[b]	<0.19[b]	<0.38[b]	<0.36[b]	<0.33[b]	0.29	<0.33[b]	<0.44[b]	0.73	1.21	0.80	1.17	1.85	<0.54[b]	1.36	0.87
	Th-232	pCi/L	<0.26[b]	<0.18[b]	<0.53[b]	<0.50[b]	<0.58[b]	<0.20[b]	<0.29[b]	<0.19[b]	<0.53[b]	<0.30[b]	<0.36[b]	<0.27[b]	<0.33[b]	<0.63[b]	<0.19[b]	<0.26[b]	<0.64[b]	<0.39[b]	<0.55[b]	<0.53[b]	<0.79[b]	<0.40[b]
C004	Total U[a]	µg/L	3.13	1.19	2.48	2.58	2.81	2.61	3.26	1.88	3.32	1.35	2.20	1.94	2.39	2.88	3.29	1.03	1.44	0.74	2.58	1.81	1.72	1.03
	Ra-226	pCi/L	1.52	<1.46[b]	<1.22[b]	<1.47[b]	1.7	<1.34[b]	<1.09 [b]	<0.40[b]	<1.17[b]	<1.12[b]	<1.54[b]	<1.28[b]	<1.08[b]	<0.49[b]	0.72	<0.30[b]	<0.97[b]	<0.74[b]	<1.71[b]	<0.54[b]	<0.43[b]	<0.50[b]
	Th-228[c]	pCi/L	<0.97[b]	<0.52[b]	<0.55[b]	<0.64[b]	<0.22[b]	<0.62[b]	<0.32[b]	<0.60[b]	<0.63[b]	<0.42[a]	<0.56[b]	<0.48[b]	<0.53[b]	0.47	<0.39[b]	<0.42[b]	<1.05[b]	<0.50[b]	0.62	<0.71[b]	<0.69[b]	<0.50[b]
	Th-230	pCi/L	0.68	<0.42[b]	<0.48[b]	0.76	0.91	<0.44[b]	0.69	0.50	<0.36[b]	<0.42[b]	0.52	<0.35[b]	0.63	0.75	0.51	0.72	<0.66[b]	<0.88[b]	1.72	0.57	<0.60[b]	1.57
	Th-232	pCi/L	<0.63[b]	<0.42[b]	<0.18[b]	<0.46[b]	<0.49[b]	<0.44[b]	<0.32[b]	<0.15[b]	<0.43[b]	<0.39[b]	<0.35[b]	<0.35[b]	<0.35[b]	<0.31[b]	<0.30[b]	<0.20[b]	<0.61[b]	<0.47[b]	<0.51[b]	<0.49[b]	<0.50[b]	<0.50[b]
C005	Total U[a]	µg/L	2.51	1.14	3.15	2.23	2.99	1.71	3.56	1.83	4.14	2.44	4.27	1.54	2.64	1.74	3.23	1.47	0.82	0.00	1.94	1.45	1.59	1.70
	Ra-226	pCi/L	<1.84[b]	<1.19[b]	<1.05[b]	<0.74[b]	<1.81[b]	<1.18[b]	<1.23[b]	<1.32[b]	<1.91[b]	<1.09[b]	<1.27[b]	<1.36[b]	<0.54[b]	<0.77[b]	<0.28[b]	<0.30[b]	<0.47[b]	<0.82[b]	<0.82[b]	<0.89[b]	<0.43[b]	<0.42[b]
	Th-228[c]	pCi/L	<0.72[b]	0.37	<0.64[b]	<0.64[b]	<0.79[b]	<0.44[b]	<0.53[b]	<0.64[b]	<0.56[b]	<0.45[b]	<0.43[b]	<0.53[b]	<0.57[b]	0.77	0.47	<0.52[b]	<0.96[b]	<0.70[b]	<0.46[b]	0.85	<0.62[b]	<0.71[b]
	Th-230	pCi/L	0.65	<0.55[b]	<0.64[b]	0.69	<0.58[b]	<0.54[b]	<0.53[b]	<0.57[b]	0.56	<0.31[b]	<0.34[b]	<0.40[b]	0.57	0.42	<0.40[b]	0.99	0.69	0.96	0.88	<0.64[b]	<0.60[b]	1.09
	Th-232	pCi/L	<0.23[b]	<0.25[b]	<0.45[b]	<0.38[b]	<0.66[b]	<0.44[b]	<0.48[b]	<0.21[b]	<0.51[b]	<0.34[b]	<0.29[b]	<0.27[b]	<0.49[b]	<0.33[b]	<0.16[b]	<0.25[b]	<0.52[b]	<0.34[b]	<0.64[b]	<0.64[b]	<0.44[b]	<0.53[b]
C006	Total U[a]	µg/L	2.09	1.44	2.77	1.73	4.65	1.68	2.85	1.46[b]	2.29	0.91	1.74	1.48	2.68	1.60	2.29	1.34	1.99	0.64	3.15	0.81	1.03	2.00
	Ra-226	pCi/L	0.95	<1.39[b]	<1.09[b]	<1.67[b]	<0.80[b]	0.98	<1.11[b]	<0.94[b]	<1.21[b]	<0.33[b]	<1.02[b]	<1.00[b]	<0.97[b]	<0.66[b]	<0.21[b]	<0.26[b]	<0.82[b]	<0.53[b]	<0.73[b]	<0.75[b]	<0.57[b]	<0.50[b]
	Th-228[c]	pCi/L	<0.70[b]	<0.41[b]	<0.20[b]	<0.84[b]	<0.53[b]	<0.45[b]	<0.34[b]	<0.36[b]	<0.50[b]	<0.46[b]	<0.59[b]	<0.47[b]	<0.58[b]	<0.43[b]	<0.35[b]	<0.30[b]	<0.89[b]	0.50	0.62	<0.73[b]	0.81	0.76
	Th-230	pCi/L	0.53	<0.33[b]	<0.67[b]	<0.62[b]	0.65	0.48	0.26	<0.16[b]	<0.33[b]	0.41	<0.51[b]	<0.40[b]	<0.50[b]	0.91	<0.39[b]	0.48	0.87	0.98	0.77	0.97	0.58	<0.39[b]
	Th-232	pCi/L	<0.45[b]	<0.15[b]	<0.43[b]	<0.20[b]	<0.43[b]	<0.20[b]	<0.14[b]	<0.36 [b]	<0.46[b]	<0.28[b]	<0.44[b]	<0.44[b]	<0.36[b]	<0.43[b]	<0.24[b]	<0.21[b]	<0.56[b]	<0.33[b]	<0.57[b]	<0.59[b]	<0.54[b]	<0.39[b]
C007	Total U[a]	µg/L	2.06	1.84	4.29	1.69	2.39	2.25	3.25	1.59	3.09	0.89	2.24	1.60	1.85	NS1	3.16	NS1	NS1	2.08	3.24	2.40	1.65	1.63
	Ra-226	pCi/L	<1.54[b]	<0.98[b]	<1.35[b]	0.61	<1.52[b]	<1.06[b]	<0.85[b]	<1.50[b]	<1.50[b]	<1.13[b]	<1.22[b]	<1.01[b]	<0.76[b]	NS1	<0.25[b]	NS1	NS1	<0.56[b]	<1.36	<0.91[b]	<0.47	0.47
	Th-228[c]	pCi/L	<0.42[b]	<0.89[b]	<0.63[b]	<0.42[b]	<0.49[b]	<0.55[b]	<0.35[b]	<0.50[b]	<0.66[b]	<0.65[b]	<0.49[b]	<0.47[b]	<0.61[b]	NS1	<0.26[b]	NS1	NS1	<0.50[b]	<0.61[b]	<0.46[b]	<0.63[b]	0.66
	Th-230	pCi/L	0.67	<0.57[b]	<0.20[b]	<0.42[b]	<0.49[b]	<0.16[b]	<0.44[b]	<0.61[b]	<0.54[b]	<0.40[b]	<0.46[b]	<0.34[b]	<0.41[b]	NS1	<0.67[b]	NS1	NS1	1.09	1.32	0.78	1.09	0.70
	Th-232	pCi/L	<0.19[b]	<0.26[b]	<0.45[b]	<0.34[b]	<0.49[b]	<0.16[b]	<0.15[b]	<0.23[b]	<0.44[b]	<0.37[b]	<0.31[b]	<0.32[b]	<0.47[b]	NS1	<0.25[b]	NS1	NS1	<0.51[b]	<0.44[b]	<0.46[b]	<0.58[b]	<0.50[b]

Table 3-6. Comparison of Historical Radiological Surface Water Results for CWC (Continued)

Stations	Radionuclide	Units	03/14	10/14	03/15	10/15	03/16	10/16	03/17	10/17	04/18	10/18	04/19	10/19	04/20	10/20	03/21	10/21	04/22	10/22	04/23	10/23	04/24	10/24
C008[d]	Total U[a]	µg/L	NA	1.32	2.82	1.79	3.07	1.71	3.02	1.82	3.60	0.46	1.88	1.50	3.00	1.95	3.06	0.67	1.58	2.13	2.09	1.87	0.90	2.09
	Ra-226	pCi/L		<0.83[b]	<1.28[b]	0.61	<0.95[b]	<2.15[b]	<0.95[b]	<1.06[b]	<1.48[b]	<1.21[b]	<1.43[b]	<1.26[b]	<0.69[b]	<0.70[b]	<0.22[b]	<0.21[b]	<0.64[b]	<0.58[b]	<0.74[b]	<0.59[b]	<0.56[b]	<0.43[b]
	Th-228[c]	pCi/L		<0.54[b]	0.64	<0.42[b]	0.50	<0.17[b]	<0.45[b]	<0.58[b]	<0.34[b]	0.37	<0.38[b]	0.46	<0.48[b]	<0.39[b]	0.75	0.46	<0.92[b]	<0.52[b]	<0.67[b]	<0.57[b]	<0.59[b]	0.47
	Th-230	pCi/L		0.22	<0.50[b]	<0.42[b]	0.47	0.53	<0.39[b]	0.50	0.69	<0.26[b]	<0.43[b]	<0.42[b]	0.98	1.12	0.67	0.89	<0.92[b]	0.89	0.52	1.00	0.90	1.09
	Th-232	pCi/L		<0.20[b]	<0.40[b]	<0.36[b]	<0.46[b]	<0.48[b]	<0.13[b]	<0.17[b]	<0.47[b]	<0.38[b]	<0.35[b]	<0.37[b]	<0.35[b]	<0.30[b]	<0.17[b]	<0.23[b]	<0.80[b]	<0.49[b]	<0.67[b]	<0.57[b]	<0.68[b]	<0.41[b]
C009[d]	Total U[a]	µg/L	NA	1.92	3.53	2.47	1.16	2.17	1.60	1.13	2.05	0.88	1.77	1.57	2.83	1.94	2.56	0.89	0.92	2.78	1.61	1.13	2.13	1.60
	Ra-226	pCi/L		<0.90[b]	<1.04[b]	0.81	<1.4[b]	<1.27[b]	<1.02[b]	<1.02[b]	<1.47[b]	<1.05[b]	<1.02[b]	<1.47[b]	<0.64[b]	<0.71[b]	<0.23[b]	<0.20[b]	<0.74[b]	<0.57[b]	<0.62[b]	<0.66[b]	<0.44[b]	<0.39[b]
	Th-228[c]	pCi/L		<0.40[b]	<0.45[b]	<0.46[b]	<0.44[b]	<0.53[b]	0.32	<0.51[b]	<0.51[b]	<0.53[b]	<0.34[b]	<0.43[b]	<0.32[b]	0.74	<0.33[b]	0.88	<0.97[b]	<0.63[b]	<0.57[b]	<0.78[b]	<0.55[b]	0.78
	Th-230	pCi/L		<0.49[b]	<0.45[b]	<0.51[b]	<0.36[b]	0.86	0.51	0.87	<0.48[b]	<0.40[b]	<0.37[b]	<0.34[b]	<0.39[b]	0.85	0.99	1.12	1.20	1.78	1.35	<0.80[b]	0.79	1.03
	Th-232	pCi/L		<0.18[b]	3.33	2.04	3.15	3.96	<0.34[b]	<0.18[b]	<0.48[b]	<0.45[b]	<0.26[b]	<0.31[b]	<0.32[b]	<0.70[b]	<0.23[b]	<0.24[b]	<0.73[b]	<0.35[b]	<0.48[b]	<0.69[b]	<0.63[b]	<0.45[b]
C010[e]	Total U[a]	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.93	1.19	2.31	0.27	2.64	1.47	1.28	1.29	2.35	2.40
	Ra-226	pCi/L													<1.74[b]	<0.62[b]	<0.17[b]	<0.28[b]	<0.83[b]	<0.66[b]	<0.66[b]	<0.69[b]	<0.44[b]	<0.46[b]
	Th-228[c]	pCi/L													<0.44[b]	<0.36[b]	<0.42[b]	0.61	<0.74[b]	<0.83[b]	<0.48[b]	1.01	<0.72[b]	<0.52[b]
	Th-230	pCi/L													<0.48[b]	1.01	0.63	0.88	0.75	0.84	0.83	1.13	0.64	<0.49[b]
	Th-232	pCi/L													<0.32[b]	<0.31[b]	<0.16[b]	<0.15[b]	<0.65[b]	<0.52[b]	<0.40[b]	<0.51[b]	<0.63[b]	<0.49[b]
C011[e]	Total U[a]	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.90	1.13	1.91	0.48	1.96	1.94	1.26	1.75	0.96	2.07
	Ra-226	pCi/L													<0.98[b]	<0.68[b]	<0.32[b]	<0.31[b]	<0.45[b]	<0.95[b]	<0.90[b]	<0.44[b]	<0.73[b]	<0.58[b]
	Th-228[c]	pCi/L													<0.38[b]	<0.37[b]	0.86	<0.40[b]	1.45	<0.87[b]	<0.41[b]	<0.70[b]	<0.62[b]	<0.53[b]
	Th-230	pCi/L													0.47	0.72	0.76	0.88	<0.76[b]	0.96	0.62	<0.51[b]	0.97	0.97
	Th-232	pCi/L													<0.53[b]	<0.53[b]	<0.27[b]	<0.17[b]	<0.75[b]	<0.45[b]	<0.57[b]	<0.70[b]	<0.77[b]	<0.42[b]

[a] Total U is equal to the sum of the concentrations of U isotopes (in pCi/L) divided by 0.677, where 0.677 picocuries per microgram is the specific activity for total U, assuming secular equilibrium.
[b] Reported result is less than the MDC and is therefore set equal to the MDC.
[c] Ra-228 rapidly achieves equilibrium with Th-228, such that their concentrations are equal.
[d] Stations C008 and C009 were established and initially sampled during the second semi-annual event of CY 2014.
[e] Stations C010 and C011 were established and initially sampled during the first semi-annual event of CY 2021.
Note: Total U (30 µg/L) is the only ROD monitoring guideline for surface water. The other radiological monitoring parameter data are collected to monitor potential COC migration.
NA – not applicable (No sample was collected during this event, because this station was established in 2014 or later.)
NS1 – no sample, remediation activities at this location prevented sampling.

Chemical Parameters

No chemical-specific ROD monitoring guidelines exist for surface water. Chemical monitoring parameter data are collected to monitor soil COC migration. The chemical monitoring results for the CY 2024 CWC surface water sampling events are presented in Table 3-7. The chemical data collected for the high-flow surface water sampling event were comparable to the data collected from base-flow events.

Table 3-7. Chemical Results for CY 2024 CWC Surface Water Sampling

Monitoring Parameter[a]	Monitoring Stations									
	C002	C003	C004	C005	C006	C007	C008	C009	C010	C011
Target Analyte List Metals Concentration (µg/L)										
First Sampling Event (04/23/24 to 04/25/24)										
Antimony	0.31	0.34	0.39	0.48	0.69	0.63	0.56	0.37	0.44	0.44
Arsenic	2.2	2.1	2.5	1.8	1.6	1.6	<1.6[b]	2.0	2.2	2.3
Barium	89	92	110	73	69	60	50	120	100	85
Cadmium	<0.06[b]	<0.06[b]	<0.06[b]	<0.06[b]	<0.06[b]	<0.06[b]	<0.06[b]	<0.06[b]	<0.06[b]	<0.06[b]
Chromium	1.3	<1.3[b]	1.7	1.7	2.1	2.4	2.5	<1.3[b]	<1.3[b]	<1.3[b]
Molybdenum	7.8	7.9	7.9	7.4	6.5	5.4	4.1	7.7	6.6	5.0
Nickel	2.4	2.1	2.3	2.7	3.0	2.6	2.5	2.3	2.6	2.7
Selenium	1.4	1.2	1.7	0.87	0.87	1.3	<0.67[b]	1.6	1.2	<0.67[b]
Thallium	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]
Vanadium	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]
Second Sampling Event (10/07/24, 10/08/24 and 10/10/24)										
Antimony	<1.1[b]	<1.1[b]	<1.1[b]	<1.1[b]	<1.1[b]	<1.1[b]	<1.1[b]	<1.1[b]	<1.1[b]	<1.1[b]
Arsenic	2.9	2.8	2.7	2.4	2.5	2.5	2.4	2.3	2.6	2.4
Barium	95	98	98	110	120	120	130	130	130	110
Cadmium	<0.2[b]	<0.2[b]	<0.2[b]	<0.2[b]	<0.2[b]	<0.2[b]	<0.2[b]	<0.2[b]	0.2	<0.2[b]
Chromium	<1.3[b]	<1.3[b]	<1.3[b]	1.3	13	<1.3[b]	<1.3[b]	2.4	1.3	<1.3[b]
Molybdenum	7.1	7.9	7.9	8.5	8.7	8.5	9.3	10	11	12
Nickel	1.6	1.9	1.9	2.1	15	2.3	2.8	11	2.7	2.3
Selenium	1.7	1.7	1.8	1.7	1.9	2.7	2.2	2.3	2.2	1.7
Thallium	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]	<0.38[b]
Vanadium	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]	<4.0[b]
First High-Flow Water Sampling Event (04/02/24)										
Antimony	0.39	NA	NA	NA	NA	0.61	NA	0.65	NA	NA
Arsenic	2.0	NA	NA	NA	NA	2.4	NA	2.9	NA	NA
Barium	69	NA	NA	NA	NA	77	NA	86	NA	NA
Cadmium	0.08	NA	NA	NA	NA	0.11	NA	0.12	NA	NA
Chromium	2.2	NA	NA	NA	NA	3.8	NA	5.4	NA	NA
Molybdenum	9.8	NA	NA	NA	NA	8.2	NA	6.3	NA	NA
Nickel	3.1	NA	NA	NA	NA	5.2	NA	5.5	NA	NA
Selenium	3.1	NA	NA	NA	NA	3.3	NA	2.8	NA	NA
Thallium	<0.38[b]	NA	NA	NA	NA	<0.38[b]	NA	<0.38[b]	NA	NA
Vanadium	4.3	NA	NA	NA	NA	7.7	NA	10	NA	NA

Table 3-7. Chemical Results for CY 2024 CWC Surface Water Sampling (Continued)

Monitoring Parameter[a]	Monitoring Stations									
	C002	C003	C004	C005	C006	C007	C008	C009	C010	C011
Target Analyte List Metals Concentration (µg/L)										
Second High-Flow Water Sampling Event (04/29/24)										
Antimony	0.33	NA	NA	NA	NA	0.44	NA	0.41	NA	NA
Arsenic	1.6	NA	NA	NA	NA	1.8	NA	1.7	NA	NA
Barium	67	NA	NA	NA	NA	68	NA	56	NA	NA
Cadmium	0.06	NA	NA	NA	NA	0.08	NA	<0.06[b]	NA	NA
Chromium	2.0	NA	NA	NA	NA	1.6	NA	1.3	NA	NA
Molybdenum	7.1	NA	NA	NA	NA	5.4	NA	3.0	NA	NA
Nickel	2.5	NA	NA	NA	NA	2.7	NA	2.4	NA	NA
Selenium	1.6	NA	NA	NA	NA	2.1	NA	1.0	NA	NA
Thallium	<0.38[b]	NA	NA	NA	NA	<0.38[b]	NA	<0.38[b]	NA	NA
Vanadium	<4.0[b]	NA	NA	NA	NA	<4.0[b]	NA	<4.0[b]	NA	NA

[a] No chemical-specific ROD monitoring guidelines exist for surface water. Chemical monitoring parameter data are collected to monitor COC migration.

[b] Reported result is less than the MDC and is therefore set equal to the MDC.

NA – not applicable (High-flow water samples are collected for only stations C002, C007, and C009.)

3.2.2 Coldwater Creek Sediment Monitoring Results

CY 2024 sediment sampling at CWC was conducted during the months of April and October as part of the EMP. Sediment samples were collected in depositional environments near each of the 10 previously described surface water locations (C002 through C011) (Figure 3-2) and analyzed according to the methods described in the SAG (USACE 2000). Sediment samples collected for the EMP were evaluated for the radiological and metal constituents listed in Table 3-3 of the EMICY24 (USACE 2023).

All sediment monitoring required through implementation of the EMICY24 was conducted as planned during CY 2024 (USACE 2023). The evaluation of monitoring data demonstrates that all applicable ARARs have been met. The analytical results from these monitoring activities are contained in Appendix E, Table E-2, of this EMDAR.

Radiological Parameters

The radiological results for CY 2024 CWC sediment sampling events are presented in Table 3-8. The ROD established sediment RGs for Ra-226, Th-230, and U-238 at the NC Sites (USACE 2005). Therefore, sediment sampling results for those radionuclides were compared against their corresponding RGs. Sediment samples from CWC were not analyzed for U-234 during CY 2024, because U-234 is assumed to be in equilibrium with U-238.

Table 3-8. Radiological Results for CY 2024 CWC Sediment Sampling

Monitoring Parameter	RGs[a]	Monitoring Stations									
		C002	C003	C004	C005	C006	C007	C008	C009	C010	C011
Radionuclide Concentration (pCi/g)											
First Sampling Event (04/23/24 to 04/25/24)											
Ac-227	No RG	<0.14[b]	<0.13[b]	<0.15[b]	<0.16[b]	<0.15[b]	<0.14[b]	<0.16[b]	<0.24[b]	<0.15[b]	0.13
Pa-231	No RG	<0.47[b]	<0.49[b]	<0.54[b]	<0.56[b]	<0.55[b]	<0.58[b]	<0.57[b]	<0.98[b]	<0.51[b]	<0.61[b]
Ra-226	15	0.97	0.87	1.15	1.05	1.1	1.07	1.14	1.07	1.14	1.56
Ra-228	No RG	0.34	0.32	0.51	0.62	0.77	0.59	0.63	0.74	0.53	0.74
Th-228[c]	No RG	0.50	0.43	0.76	1.44	0.74	0.97	0.61	0.85	0.66	1.19
Th-230[c]	43	1.12	1.21	2.37	3.43	3.07	3.12	2.53	3.26	2.75	5.2
Th-232[c]	No RG	0.45	0.53	0.95	0.53	0.69	0.77	1.04	0.74	0.38	1.24
U-235	No RG	<0.15[b]	<0.15[b]	<0.17[b]	<0.18[b]	<0.18[b]	<0.18[b]	<0.18[b]	<0.28[b]	<0.16[b]	<0.19[b]
U-238[d]	150	0.62	0.60	0.92	0.91	0.89	0.77	0.84	0.93	0.85	0.83
Second Sampling Event (10/07/24, 10/08/24 and 10/10/24)											
Ac-227	No RG	<0.10[b]	<0.11[b]	<0.14[b]	<0.12[b]	<0.12[b]	<0.12[b]	<0.13[b]	<0.21[b]	<0.12[b]	<0.15[b]
Pa-231	No RG	<0.41[b]	<0.42[b]	<0.51[b]	<0.49[b]	<0.47[b]	<0.45[b]	<0.49[b]	<0.81[b]	<0.42[b]	<0.53[b]
Ra-226	15	0.90	1.05	1.31	1.09	1.29	1.11	1.19	1.12	1.02	1.53
Ra-228	No RG	0.29	0.37	0.81	0.55	0.47	0.48	0.60	0.82	0.35	0.76
Th-228[c]	No RG	0.24	0.44	0.89	1.29	0.84	0.73	0.66	1.13	0.60	1.35
Th-230[c]	43	1.25	1.29	4.73	4.02	2.54	2.47	2.50	3.25	1.79	5.20
Th-232[c]	No RG	0.33	0.35	1.31	0.66	0.39	0.86	1.12	0.57	0.32	0.93
U-235	No RG	<0.14[b]	<0.14[b]	<0.17[b]	<0.17[b]	<0.16[b]	<0.15[b]	<0.16[b]	<0.25[b]	<0.15[b]	<0.19[b]
U-238[d]	150	0.76	0.67	1.09	0.87	0.80	0.71	0.75	0.91	0.58	0.99

[a] RGs presented in the ROD (USACE 2005).
[b] Reported result is less than the MDC and is therefore set equal to the MDC.
[c] Both gamma spectroscopy and alpha spectroscopy results are produced; alpha spectroscopy results are reported.
[d] U-238 and U-234 are assumed to be in equilibrium.

All sediment data results were below the RGs established by the ROD. The historical radiological sediment sampling data for all monitoring stations since March of 2014 are summarized in Table 3-9.

Table 3-9. Comparison of Historical Radiological Sediment Results for CWC

Station	Radionuclide	Units	03/14	10/14	03/15	10/15	03/16	10/16	03/17	10/17	04/18	10/18	04/19	10/19	04/20	10/20	03/21	10/21	04/22	10/22	04/23	10/23	04/24	10/24
C002	Total U[a]	pCi/g	0.75	0.90	1.35	1.89	3.89	5.74	5.50	1.55	1.35	1.70	1.98	1.34	1.13	1.13	1.34	1.23	3.05	1.11	1.28	1.10	1.31	1.61
	Ra-226	pCi/g	0.94	0.88	0.78	1.26	1.34	2.01	1.30	1.22	0.98	1.24	1.36	0.81	0.92	0.99	0.83	0.97	0.95	0.81	0.84	0.87	0.34	0.90
	Ra-228	pCi/g	0.26	0.36	0.18	1.01	1.11	1.08	0.89	0.51	0.34	0.61	0.57	0.38	0.32	0.20	0.34	0.31	0.36	0.26	0.34	0.40	0.50	0.29
	Th-228	pCi/g	<0.26[b]	0.69	<0.18[c]	1.52	1.74	1.61	0.52	0.53	0.32	0.92	0.60	0.33	0.50	1.01	0.33	0.50	0.58	0.23	0.50	0.58	1.12	0.24
	Th-230	pCi/g	0.69	0.55	0.56	1.53	1.99	2.10	2.26	1.26	0.65	1.30	1.28	1.68	2.17	2.90	1.35	0.92	1.12	0.99	1.49	0.93	0.45	1.25
	Th-232	pCi/g	0.26	0.55	0.26	1.36	1.39	0.57	0.89	0.41	<0.16[c]	0.62	0.75	0.34	0.41	0.56	<0.20[c]	0.52	0.24	0.35	0.39	0.33	0.34	0.33
C003	Total U[a]	pCi/g	0.90	2.04	2.68	0.99	1.22	2.27	1.90	1.44	1.60	1.94	2.20	2.23	2.12	2.35	2.57	1.54	1.27	1.15	1.68	2.00	1.20	1.35
	Ra-226	pCi/g	1.42	1.22	1.00	0.92	1.11	1.41	1.10	1.29	1.04	1.47	1.44	1.40	1.34	1.06	1.06	1.02	0.85	0.85	0.81	1.11	0.87	1.05
	Ra-228	pCi/g	0.91	0.63	0.82	0.22	0.66	0.98	0.76	0.64	0.66	0.81	0.74	0.86	0.79	0.85	0.84	0.55	0.25	0.35	0.52	0.72	0.32	0.37
	Th-228	pCi/g	1.21	0.68	0.84	0.44	1.28	1.35	1.33	1.01	1.14	1.05	0.65	1.00	1.46	2.00	1.13	0.76	0.40	0.62	0.83	0.74	0.43	0.44
	Th-230	pCi/g	1.67	1.04	2.57	0.57	2.55	3.71	2.85	1.29	2.70	1.48	1.54	3.26	2.51	2.35	1.61	1.75	1.01	0.97	1.41	2.91	1.21	1.29
	Th-232	pCi/g	0.95	0.89	0.84	0.25	0.87	1.14	1.11	0.68	0.95	0.86	0.70	0.69	1.00	1.30	1.05	0.91	0.53	0.63	0.62	0.43	0.87	0.35
C004	Total U[a]	pCi/g	1.84	1.20	1.67	2.14	2.71	2.00	1.74	1.87	1.72	2.07	1.96	2.31	2.08	2.12	1.79	2.18	2.62	1.86	2.13	2.25	1.87	2.33
	Ra-226	pCi/g	1.62	1.36	1.00	1.21	1.39	1.44	1.12	1.14	1.17	1.33	1.21	1.35	1.42	1.15	1.10	1.14	1.05	0.95	0.97	1.16	1.15	1.31
	Ra-228	pCi/g	0.80	0.89	0.90	1.01	0.95	1.03	0.87	0.85	0.71	0.79	0.50	0.78	0.80	0.87	0.75	0.79	0.87	0.67	0.57	0.89	0.51	0.81
	Th-228	pCi/g	0.94	0.73	1.81	1.31	1.64	1.17	1.14	1.19	0.92	0.91	0.72	0.92	1.91	0.84	1.72	1.15	1.27	0.63	0.87	1.47	0.76	0.89
	Th-230	pCi/g	3.11	1.82	1.7	3.02	2.77	2.11	3.27	2.30	1.83	1.50	1.45	1.73	4.84	2.24	2.06	1.69	2.35	1.74	7.53	2.07	2.37	4.73
	Th-232	pCi/g	0.57	1.50	1.32	0.81	1.30	0.94	1.24	1.05	0.86	0.94	0.72	1.18	1.11	1.49	1.14	0.75	1.03	0.94	0.81	1.17	1.15	1.31
C005	Total U[a]	pCi/g	2.10	1.55	1.58	2.44	2.58	2.50	0.98	1.62	2.05	2.10	1.61	2.72	2.14	2.38	2.09	2.57	2.28	1.71	1.21	1.98	2.07	1.84
	Ra-226	pCi/g	1.59	1.62	1.12	1.05	1.44	1.74	1.08	1.60	1.78	1.68	2.20	1.68	1.62	1.22	1.07	1.14	1.10	0.98	0.91	1.00	1.05	1.09
	Ra-228	pCi/g	1.00	0.99	0.94	0.81	1.06	0.99	0.91	0.99	0.92	0.87	0.91	1.00	0.94	0.96	0.94	0.86	0.71	0.63	0.72	0.60	0.62	0.55
	Th-228	pCi/g	1.35	1.19	1.27	1.50	1.70	1.26	1.31	1.25	1.24	1.04	1.79	1.02	1.13	1.32	1.29	1.24	0.82	1.08	0.58	1.18	1.44	1.29
	Th-230	pCi/g	1.53	1.58	2.13	2.28	2.23	1.83	2.48	2.24	1.61	3.50	2.94	1.70	2.69	2.56	2.10	1.99	1.86	6.09	8.26	2.03	3.43	4.02
	Th-232	pCi/g	1.16	0.69	0.88	0.97	1.30	1.43	1.22	0.78	1.10	0.89	1.08	1.57	0.72	0.89	1.08	1.33	0.73	0.83	0.88	1.20	1.05	0.66
C006	Total U[a]	pCi/g	0.19	2.60	2.77	1.70	1.85	2.33	2.80	1.78	2.02	1.49	2.05	2.69	2.28	2.36	2.39	2.45	2.32	2.28	2.42	1.82	1.90	1.59
	Ra-226	pCi/g	1.38	1.36	1.06	1.28	1.27	1.47	1.21	1.19	1.23	1.59	1.50	1.32	1.38	1.12	1.12	1.08	0.98	0.95	0.87	1.10	1.1	1.29
	Ra-228	pCi/g	1.01	1.05	0.85	0.90	0.85	1.14	0.87	0.85	0.79	0.81	0.84	0.88	0.96	0.79	0.92	0.87	0.86	0.80	0.74	0.88	0.77	0.47
	Th-228	pCi/g	0.60	1.18	1.20	0.88	1.49	1.23	1.84	1.21	1.11	1.27	1.27	1.30	2.27	1.30	1.24	1.09	1.12	1.01	1.18	1.01	0.74	0.84
	Th-230	pCi/g	2.30	2.39	1.52	2.12	3.89	2.31	6.62	3.84	2.71	4.52	2.71	4.42	3.15	4.99	2.17	1.87	2.54	1.96	1.74	3.82	3.07	2.54
	Th-232	pCi/g	0.85	1.04	0.74	1.27	0.95	1.45	1.38	1.33	1.06	1.18	1.13	1.14	1.11	1.16	1.02	1.23	1.07	0.98	0.89	1.04	0.69	0.39

Table 3-9. Comparison of Historical Radiological Sediment Results for CWC (Continued)

Station	Radionuclide	Units	03/14	10/14	03/15	10/15	03/16	10/16	03/17	10/17	04/18	10/18	04/19	10/19	04/20	10/20	03/21	10/21	04/22	10/22	04/23	10/23	04/24	10/24
C007	Total U[a]	pCi/g	0.49	3.35	1.55	1.32	1.91	1.49	1.52	1.41	1.66	1.91	2.22	1.74	1.67	NS1	2.32	NS1	NS1	1.78	1.02	1.75	1.66	1.45
	Ra-226	pCi/g	1.55	2.12	1.10	1.08	1.14	1.28	0.95	1.33	1.14	1.39	1.55	1.19	1.33	NS1	1.20	NS1	NS1	1.14	0.94	1.01	1.07	1.11
	Ra-228	pCi/g	0.77	1.01	0.87	0.64	0.67	0.59	0.66	0.63	0.69	0.64	0.74	0.54	0.58	NS1	0.75	NS1	NS1	0.38	0.32	0.65	0.59	0.48
	Th-228	pCi/g	0.74	0.80	1.06	1.24	0.47	0.62	1.18	1.29	0.95	1.01	1.57	0.82	1.09	NS1	1.02	NS1	NS1	0.94	0.72	0.68	0.97	0.73
	Th-230	pCi/g	3.19	6.81	3.89	3.91	3.77	4.75	5.79	2.98	3.79	3.29	3.11	2.77	6.02	NS1	7.30	NS1	NS1	4.80	2.38	3.00	3.12	2.47
	Th-232	pCi/g	1.21	0.85	0.66	0.87	1.04	0.87	1.02	0.88	1.01	0.73	1.08	0.65	0.92	NS1	0.85	NS1	NS1	0.56	0.61	0.54	0.77	0.86
C008[d]	Total U[a]	pCi/g	NA	2.60	1.81	1.37	3.24	3.11	1.93	1.73	0.91	-0.17	2.40	2.10	2.35	2.20	2.29	2.39	2.30	1.98	2.40	1.85	1.70	1.63
	Ra-226	pCi/g		1.22	1.17	1.23	1.27	1.71	1.13	1.30	1.20	1.70	1.53	1.70	1.59	1.26	1.07	1.17	1.10	1.01	0.98	1.11	1.14	1.19
	Ra-228	pCi/g		0.72	0.81	0.76	0.90	1.27	1.06	0.94	0.74	0.88	0.89	0.98	0.95	0.87	0.92	0.87	0.90	0.79	0.79	0.80	0.63	0.60
	Th-228	pCi/g		0.82	1.18	0.86	1.16	1.26	1.22	0.99	1.12	1.01	1.02	1.28	0.85	0.99	1.74	1.17	1.08	1.00	1.07	1.16	0.61	0.66
	Th-230	pCi/g		2.80	2.48	3.36	2.30	1.93	2.68	1.82	2.11	2.23	2.06	2.79	2.98	1.94	2.70	2.53	2.98	2.40	2.11	2.21	2.53	2.50
	Th-232	pCi/g		0.56	1.19	0.55	1.19	1.06	1.26	0.80	0.90	1.18	0.80	0.60	0.82	0.84	1.00	1.12	1.25	1.03	1.18	0.87	1.04	1.12
C009[d]	Total U[a]	pCi/g	NA	1.79	1.72	1.63	1.10	1.45	1.76	1.89	1.43	1.76	2.15	1.50	1.96	2.32	2.97	1.84	1.23	2.04	1.93	2.43	1.86	1.93
	Ra-226	pCi/g		1.43	1.26	1.19	1.43	1.48	1.10	1.27	1.25	1.67	1.52	1.22	1.43	1.09	1.13	1.15	0.80	1.10	0.99	1.33	1.07	1.12
	Ra-228	pCi/g		0.80	0.94	0.81	0.83	0.88	0.86	0.64	0.73	0.88	0.71	0.46	0.66	0.64	0.80	0.78	0.59	0.81	0.74	0.98	0.74	0.82
	Th-228	pCi/g		0.86	1.16	1.06	1.30	1.26	0.82	0.86	1.25	0.87	0.87	0.57	1.51	1.12	1.18	1.00	1.09	1.05	1.13	1.79	0.85	1.13
	Th-230	pCi/g		3.96	2.27	2.99	2.46	3.54	2.95	2.28	2.21	4.60	2.15	6.25	4.81	3.16	4.43	3.44	1.62	2.95	2.89	3.24	3.26	3.25
	Th-232	pCi/g		1.06	1.22	0.63	1.26	0.98	0.88	0.53	0.86	0.72	0.66	0.55	0.83	0.70	1.01	0.80	1.04	0.87	0.73	1.14	0.74	0.57
C010[e]	Total U[a]	pCi/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.56	2.14	1.87	1.64	1.64	1.09	1.49	1.79	1.79	1.19
	Ra-226	pCi/g													1.48	1.14	1.19	1.13	0.94	1.08	1.09	1.21	1.14	1.02
	Ra-228	pCi/g													0.70	0.85	0.65	0.39	0.66	0.43	0.62	0.62	0.53	0.35
	Th-228	pCi/g													0.91	1.62	0.86	0.61	0.98	0.79	0.75	1.33	0.66	0.60
	Th-230	pCi/g													2.63	2.52	1.63	3.52	2.05	3.76	3.14	3.87	2.75	1.79
	Th-232	pCi/g													0.99	0.89	0.94	0.37	0.71	0.44	0.47	0.79	0.38	0.32

Table 3-9. Comparison of Historical Radiological Sediment Results for CWC (Continued)

Station	Radionuclide	Units	03/14	10/14	03/15	10/15	03/16	10/16	03/17	10/17	04/18	10/18	04/19	10/19	04/20	10/20	03/21	10/21	04/22	10/22	04/23	10/23	04/24	10/24
C011[e]	Total U[a]	pCi/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.62	2.32	2.40	1.56	1.39	2.18	2.11	2.71	1.66	2.10
	Ra-226	pCi/g													1.63	1.27	1.16	1.09	1.11	1.21	1.56	2.06	1.56	1.53
	Ra-228	pCi/g													0.88	0.89	0.84	0.60	0.62	0.75	0.85	0.96	0.74	0.76
	Th-228	pCi/g													1.48	1.3	1.15	0.92	1.40	0.99	1.65	1.43	1.19	1.35
	Th-230	pCi/g													4.22	3.48	3.86	12.1	13.1	5.01	17.0	17.5	5.2	5.20
	Th-232	pCi/g													1.57	1.22	1.51	1.07	1.01	0.95	1.21	1.72	1.24	0.93

[a] Total U is equal to the sum of the concentrations of U isotopes (Office of the Federal Register, NARA 1998).
[b] Reported result is less than the MDC and is therefore set equal to the MDC.
[c] Both gamma spectroscopy and alpha spectroscopy results were produced; gamma spectroscopy results are reported.
[d] Stations C008 and C009 were established and initially sampled during the second semi-annual event of CY 2014.
[e] Stations C010 and C011 were established and initially sampled during the first semi-annual event of CY 2021.
Note: The sediment RGs for Ra-226, Th-230, and U-238 are 15 pCi/g, 43 pCi/g, and 150 pCi/g, respectively. The other radiological monitoring parameter data are collected to monitor COC migration.
NA – not applicable (No sample was collected during this event, because this station was established in 2014 or later.)
NS1 – no sample, remediation activities at this location prevented sampling.

Chemical Parameters

Chemical monitoring results for CY 2024 CWC sediment sampling events are presented in Table 3-10.

Table 3-10. Chemical Results for CY 2024 CWC Sediment Sampling

Monitoring Parameter	Monitoring Stations									
	C002	C003	C004	C005	C006	C007	C008	C009	C010	C011
Target Analyte List Metals Concentration (mg/kg)										
First Sampling Event (04/23/24 to 04/25/24)										
Antimony	0.9	0.11	0.55	1.1	0.66	1.0	0.51	1.0	0.7	0.53
Arsenic	2.9	2.7	5.7	7.0	4.9	5.3	5.5	5.9	6.9	14
Barium	270	130	82	170	120	110	130	140	160	410
Cadmium	0.31	0.21	0.39	0.71	0.47	1.0	0.48	0.57	1.1	1.3
Chromium	20	9.2	16	27	16	20	31	21	51	70
Molybdenum	1.2	4.4	1.2	1.3	0.85	1.0	1.8	1.0	0.48	0.96
Nickel	7.8	5.1	10	19	14	14	14	17	17	23
Selenium	1.2	0.66	0.96	1.8	1.4	1.7	1.3	1.8	1.3	2.6
Thallium	0.06	0.04	0.1	0.19	0.15	0.16	0.14	0.19	0.13	0.21
Vanadium	9.3	8.3	16	26	19	17	17	24	16	28
Second Sampling Event (10/07/24, 10/08/24 and 10/10/24)										
Antimony	0.23	0.2	0.84	0.22	2.2	0.72	0.72	1.2	0.45	4.3
Arsenic	4.4	3.5	5.2	3.4	12	5.9	5.8	6.7	12	13
Barium	52	160	150	46	190	120	180	200	480	310
Cadmium	0.72	0.57	1.1	0.28	0.75	0.49	0.52	0.63	1.2	1.2
Chromium	21	15	25	6.9	54	28	42	31	28	100
Molybdenum	1.5	0.61	1.1	4.2	5.5	1.3	1.6	1.4	0.81	0.92
Nickel	13	9	19	7.3	30	19	25	22	23	27
Selenium	0.84	1.1	1.6	0.92	1.2	1.5	1.4	2.1	1.5	3.4
Thallium	<0.06[a]	<0.07[a]	0.16	<0.06[a]	0.11	0.11	0.12	0.18	0.15	0.22
Vanadium	14	18	27	8.8	22	21	22	30	24	34

[a] Reported result is less than the MDC and is therefore set equal to the MDC.

Note: No chemical-specific ROD RGs or monitoring guidelines for sediment exist. Chemical monitoring parameter data are collected to monitor COC migration.

3.2.3 Impact of FUSRAP CWC Remedial Action on Total Uranium Concentrations in CWC Surface Water and Sediment

As part of the FUSRAP RA at the SLAPS, sediment and soil were removed from the bed and banks of CWC near monitoring stations C002 and C003 during August of 2004. An evaluation was conducted to determine if the SLAPS RA resulted in increased levels of total U in CWC. The concentrations of radionuclides in sediment and surface water samples from various stations along CWC were assessed. Radionuclide data from surface water and sediment samples collected from March of 2000 to March of 2004 were used to create a baseline for comparison with sample results collected after the RA.

Methodology

Total U results from CY 2024 surface water and sediment samples from six monitoring stations (C002 through C007) were compared to the 2000 to 2004 dataset for this evaluation. Total U was selected for this evaluation because it is among the most mobile of all the radionuclide COCs present at the SLAPS.

The total U concentration statistics for surface water and sediment at monitoring stations C002 through C007 for 2000 through 2004 are presented in Table 3-11.

Table 3-11. Total Uranium Concentration Statistics for CWC (2000-2004)

Stations[a]	Statistics for Total U in Surface Water March 2000 to March 2004 Data (pCi/L)			Statistics for Total U in Sediment March 2000 to March 2004 Data (pCi/g)		
	UCL_{95}	Mean	LCL_{95}	UCL_{95}	Mean	LCL_{95}
C002	4.2	3.1	1.9	1.7	1.4	1.1
C003	3.8	3.3	2.7	1.9	1.5	1.0
C004	4.5	3.4	2.3	2.3	1.7	1.2
C005	4.1	3.0	1.9	2.8	2.4	2.0
C006	8.2[b]	5.0	[c]	3.0	2.4	1.8
C007	4.7	3.4	0.75	2.5	1.9	1.3

[a] Monitoring stations C008 and C009 were established in 2014 and C010 and C011 were established in 2021.
[b] March 2000 to March 2004 data are gamma distributed. Therefore, approximate gamma upper confidence limit (UCL) is used.
[c] The 95 percent lower confidence limit (LCL_{95}) is not calculated due to gamma-distributed data. ProUCL, the USEPA-approved statistical software, does not compute lower confidence limits of the mean for gamma-distributed data (USEPA 2013).

Qualitative trend line graphs of total U results from surface water and sediment samples collected at monitoring stations C002 through C007 from March of 2000 to October of 2024 are presented on Figures 3-3a through 3-3j and 3-4a through 3-4j. The mean, 95 percent upper confidence limit (UCL_{95}), and 95 percent lower confidence limit (LCL_{95}) concentrations of total U calculated from the March 2000 to March 2004 dataset are also shown on Figures 3-3a through 3-3j and 3-4a through 3-4j. Surface water and sediment data for total U from monitoring stations C008 to C011 are also included on Figures 3-3a through 3-3j and 3-4a through 3-4j.

Conclusion

The data fit two hypothetical scenarios. First, the post-RA sampling results were not significantly different than the pre-RA sampling results for downstream stations from the SLAPS (C003 through C007), so it is unlikely that total U from the SLAPS RA was causing a significant contribution to CWC. The RA over time should markedly reduce the total U load in CWC if the SLAPS were a significant contributor. While a time lag in the fate downstream could occur, the current total U concentrations are already low. Second, the RA within CWC did not adversely impact concentrations of total U in CWC surface water or sediment. Had the RA contributed adversely, a notable short-term increase in total U concentrations would have been observed.

3.2.4 Coldwater Creek Daily/Weekly/Monthly Surface Water Sampling

As described in the EMICY24 (USACE 2023), surface water samples are being collected from CWC downstream from the RAs occurring at CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) and James S McDonnell Boulevard and the J.S. McDonnell Bridge. These samples were initially collected daily on days when active RAs taking place within the CWC corridor had the potential to affect water quality. Sample frequency was reduced during the year to occur weekly on June 21, 2024, and then monthly on October 23, 2024. The sampling methods and parameters, including water quality, are consistent with the routine semi-annual CWC surface water sampling as described in Section 3.3 of the EMICY24. Surface water is monitored for the radiological, chemical, and water quality parameters. The water quality parameters measured include pH, temperature, DO, specific conductivity, ORP, and turbidity. The analytical results are contained in Appendix E, Table E-3, of this EMDAR.

Water Quality Parameters

The water quality results for each daily surface water sampling are summarized in Table 3-12. Temperatures varied from a low of 3.24 °C in February to a high of 25.03°C in July. Values for pH

ranged from 6.49 to 8.35. All pH values were within the acceptance range (6.0 to 9.0) and thus provide suitable conditions for aquatic life.

The highest (18.91 mg/L) and lowest (2.89 mg/L) DO levels recorded were in February. Specific conductivity ranged from a low of 0.34 mS/cm in May to a high of 5.38 mS/cm in February. The lowest ORP value (97 mV) occurred in December and the highest ORP level (376 mV) occurred in February. Turbidity ranged from a low in May, June, October, November, and December of 0 NTU to a high of 307 NTU in June.

Table 3-12. Daily/Weekly/Monthly Surface Water Sampling Water Quality Results for CY 2024

Station	Date	pH (s.u.)	Specific Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temperature (°C)	ORP (mV)
CWCHSD-A	01/02/24	6.90	0.878	27.7	8.47	5.02	319
	01/03/24	7.01	0.925	24.7	12.04	4.06	314
	01/04/24	6.54	0.972	28.7	9.69	5.47	363
	01/31/24	6.49	1.510	32.6	7.04	6.5	347
	02/01/24	7.32	1.570	30.2	15.50	6.41	322
	02/02/24	7.15	1.540	25.9	9.94	7.15	361
	02/05/24	7.29	1.440	15.1	10.02	7.19	326
	02/06/24	6.96	1.440	19.4	10.20	7.5	376
	02/07/24	6.95	1.440	17.3	8.86	7.11	353
	02/08/24	7.45	1.440	18.1	9.33	7.99	320
	02/09/24	7.06	1.580	12.8	8.64	10.09	337
	02/12/24	7.24	1.090	129	18.91	7.34	373
	02/13/24	7.08	1.260	35.5	9.60	5.54	335
	02/14/24	7.08	1.270	22.6	12.58	6.32	346
	02/15/24	7.30	1.280	24.8	14.02	7.38	337
	02/19/24	7.21	5.380	43.2	8.76	3.24	307
	02/20/24	6.95	4.820	31.5	11.18	4.8	367
	02/21/24	6.80	3.490	33.4	7.23	6.57	356
	02/22/24	7.03	2.670	31.3	6.36	9.28	339
	02/23/24	7.11	2.270	26.7	7.52	9.91	349
	02/26/24	7.41	1.890	25.2	3.84	8.44	271
	02/27/24	7.26	1.790	23.4	2.89	11.89	292
	02/28/24	7.16	1.740	28.4	4.68	10.8	316
	02/29/24	7.22	1.750	20.5	4.57	7.57	332
	03/01/24	7.17	1.580	19.1	13.85	7.48	336
	03/15/24	6.76	0.422	14.2	8.13	15.69	323
	03/18/24	6.69	0.882	33	7.07	9.82	323
	03/19/24	6.72	1.090	16.4	9.49	8.26	325
	03/20/24	6.90	1.160	13.3	8.90	9.55	310
	03/21/24	7.55	1.230	12.4	9.20	9.6	298

Table 3-12. Daily/Weekly/Monthly Surface Water Sampling Water Quality Results for CY 2024 (Continued)

Station	Date	pH (s.u.)	Specific Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temperature (°C)	ORP (mV)
CWCMBB	04/30/24	7.75	0.787	191	9.41	16.64	218
	05/01/24	7.74	0.911	18.3	8.45	17.18	184
	05/02/24	7.95	0.983	17.5	7.84	17.42	176
	05/06/24	7.65	0.571	28.7	8.31	17.71	224
	05/07/24	7.70	0.380	58.4	8.00	19.48	216
	05/08/24	7.77	0.864	3.1	7.75	17.46	181
	05/09/24	7.40	0.826	12.7	8.11	18.02	245
	05/10/24	7.88	0.952	0	7.91	17.13	180
	05/13/24	7.52	1.080	0	6.73	17.79	226
	05/15/24	8.12	0.480	56.1	8.89	18.03	182
	05/16/24	7.36	0.843	36.1	7.52	18.3	225
	05/20/24	7.92	1.060	0	7.95	19.54	179
	05/21/24	7.66	1.090	0	7.88	19.37	199
	05/22/24	7.47	0.692	26.2	7.86	20.6	215
CWCMBB	05/23/24	6.79	0.341	65.8	8.89	19.66	274
	05/29/24	7.64	0.981	7.2	9.32	20.3	250
	05/30/24	8.01	0.869	10.9	9.69	22.06	208
	05/31/24	8.04	1.070	2.4	12.29	19.52	219
	06/03/24	8.20	0.838	10.2	11.42	22.68	210
	06/04/24	7.66	0.655	0	8.29	21.71	251
	06/05/24	7.12	0.619	34	7.06	21.2	247
	06/07/24	7.39	0.896	0	8.81	19.99	256
	06/10/24	7.98	0.924	0	10.34	21.94	246
	06/11/24	7.94	1.010	0	10.80	21.91	235
	06/12/24	8.06	1.070	0	11.93	23.38	191
	06/13/24	8.06	1.040	0	10.27	22.9	226
	06/14/24	7.41	0.989	9.8	6.15	22.07	199
	06/17/24	7.28	0.679	307	7.01	23.12	234
	06/18/24	7.56	0.894	0.7	6.03	23.43	230
	06/19/24	7.53	0.994	0.5	7.16	24.64	251
	06/20/24	7.62	1.010	0	8.48	24.88	217

Table 3-12. Daily/Weekly/Monthly Surface Water Sampling Water Quality Results for CY 2024 (Continued)

Station	Date	pH (s.u.)	Specific Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temperature (°C)	ORP (mV)
CWCMBB-A	06/21/24	7.66	0.986	32.1	7.39	23.22	243
	06/27/24	7.71	0.630	127	7.55	23.22	234
	07/02/24	7.86	0.952	81.2	9.87	23.00	203
	07/08/24	7.88	0.944	89.1	5.78	23.16	251
	07/18/24	7.60	0.789	142	5.80	23.39	262
	07/22/24	7.77	0.998	44.7	7.52	23.47	230
	07/31/24	7.28	0.611	176	5.25	25.03	251
	08/07/24	7.60	1.020	107	7.10	23.65	209
	08/13/24	7.61	0.590	14.4	4.96	23.01	234
	08/20/24	7.98	1.060	11.8	5.50	24.44	209
	08/29/24	6.63	0.695	98.6	4.67	24.28	290
	09/04/24	7.45	1.050	39.5	6.67	20.41	236
	09/09/24	6.98	0.970	22.1	7.42	18.36	273
	09/16/24	7.98	1.050	74.6	8.65	22.08	183
	09/25/24	8.28	0.638	69.8	7.75	21.51	220
	10/01/24	8.06	0.897	88.2	5.93	21.17	216
	10/10/24	8.35	1.680	35.1	10.78	21.09	207
	10/16/24	7.63	1.040	0	8.76	16.94	276
	10/23/24	7.51	1.030	6.7	10.35	17.37	295
	11/25/24	7.89	1.060	0	7.23	14.1	280
CWCMBB	12/12/24	6.99	1.290	0	7.09	7.69	97

Note: Water quality data are used as part of the overall evaluation of water quality, but no ROD-defined monitoring criteria exist.

Radiological Parameters

The radiological monitoring results for the CY 2024 CWC daily/weekly/monthly surface water sampling events are summarized in Table 3-13. Surface water data for U-234, U-235, and U-238 (reported in pCi/L) were converted to µg/L and compared to the 30 µg/L criterion for total U described in the ROD. The total U concentrations in surface water were significantly less than the 30 µg/L ROD criterion.

Table 3-13. Radiological Results for CY 2024 CWC Daily/Weekly/Monthly Surface Water Sampling

Monitoring Parameter	Low	High[a]
Radionuclide Concentration (pCi/L)		
Ra-226	<0.38[b]	<1.36[b]
Th-228[c]	<0.32[b]	<1.03[b]
Th-230	<0.29[b]	<2.18[b]
Th-232	<0.20[b]	<2.17[b]
U-234	0.14	1.88
U-235	<0.42[b]	<0.96[b]
U-238	<0.30[b]	1.28
Total U[d] (µg/L)	0.55	4.79

[a] Average results not presented. Majority of reported results are less than the DL or within the margin of error.
[b] Reported result is less than the DL and is therefore set equal to the DL.
[c] Ra-228 rapidly achieves equilibrium with Th-228, such that their concentrations are equal.
[d] Total U is equal to the sum of the concentrations of uranium isotopes (in pCi/L) for an individual sample divided by 0.677, where 0.677 pCi/µg is the specific activity for total U, assuming secular equilibrium.

Note: Total U (30 µg/L) is the only ROD monitoring guideline for surface water. Radiological monitoring parameter data are collected to monitor COC migration and to calculate total U.

Chemical Parameters

No chemical-specific ROD monitoring guidelines exist for surface water. Chemical monitoring parameter data are collected to monitor COC migration. The chemical monitoring results for the CY 2024 CWC daily/weekly/monthly surface water sampling events are summarized in Table 3-14. The chemical data collected for the daily/weekly/monthly surface water sampling events were comparable to the data collected from base-flow events.

Table 3-14. Chemical Results for CY 2024 CWC Daily/Weekly/Monthly Surface Water Sampling

Monitoring Parameter	Low	High	Average[a]
Target Analyte List Metals Concentration (µg/L)[b]			
Antimony	0.29	1.40	0.5
Arsenic	1.60	5.30	2.7
Barium	43	170	108.2
Cadmium	0.06	0.30	0.1
Chromium	1.30	71.0	2.7
Molybdenum	3.00	18.0	7.3
Nickel	1.50	110	3.8
Selenium	<0.67[c]	3.00	1.5
Thallium	<0.38[c]	<0.38[c]	0.38
Vanadium	<4.00[c]	26.0	4.41

[a] Reported results less than the MDC are set equal to the MDC for the average calculation.
[b] No chemical-specific ROD monitoring guidelines exist for surface water. Chemical monitoring parameter data are collected to monitor COC migration.
[c] Reported result is less than the MDC and is therefore set equal to the MDC.

4.0 EVALUATION OF GROUNDWATER MONITORING DATA

During CY 2024, 24 groundwater monitoring wells were sampled at the NC Sites. Groundwater was sampled following protocol for individual wells and analytes, and was analyzed for various radiological constituents and/or inorganic analytes. The sampling activities were conducted on a quarterly basis in CY 2024. The sampling events included the collection of groundwater samples from the entire well network of 24 wells. Static water levels were measured quarterly at the monitoring wells. In addition, field parameters were measured during purging of the wells before sampling. The static water levels and other groundwater field parameter results for CY 2024 sampling are contained in Appendix F, Tables F-1 and F-2. Summary tables providing the NC Sites groundwater analytical sampling results for CY 2024 are contained in Appendix F, Tables F-3 and F-4.

Groundwater Guidelines

The CY 2024 groundwater monitoring data for the NC Sites are compared to the ROD groundwater monitoring guidelines (henceforth referred to as ROD guidelines) listed in Appendix G, Tables G-1 and G-2. The ROD guidelines for the NC Sites are based on requirements specified in the ROD (USACE 2005) and are further explained in Sections 4.1.1 and 4.2.1.

Stratigraphy

The stratigraphic units present at the NC sites are shown in the stratigraphic column presented on Figure 4-1. Fill and topsoil (Unit 1) overlie Pleistocene loess (Unit 2) and glaciolacustrine deposits. The glaciolacustrine sediments consist of Subunit 3T (silty clay), Subunit 3M (moderately to highly plastic clay), Subunit 3B (silty clay), and Unit 4 (clayey and sandy gravel). Beneath these unconsolidated deposits, the bedrock is composed of Mississippian limestone (Unit 6). Stratigraphic Unit 5, Pennsylvanian shale bedrock, is not present at the HISS or Futura, but is found directly overlying Unit 6 under portions of the SLAPS.

4.1 LATTY AVENUE PROPERTIES

The Latty Avenue Properties include the HISS, Futura, and nine Latty Avenue VPs (VPs 01[L] through 06[L] and Parcels 10K530065, 10K530076, and 10K530087). The groundwater monitoring wells at the Latty Avenue Properties are located on or adjacent to the HISS and Futura.

Stratigraphy at the Latty Avenue Properties

Four HZs (HZ-A through HZ-C, and HZ-E) have been identified at the Latty Avenue Properties. The shallow groundwater zone, HZ-A, consists of the fine-grained silts and clays of Unit 1, Unit 2, and Subunit 3T. Underlying HZ-A is HZ-B, which consists of a highly impermeable clay (Subunit 3M). HZ-C consists of silty clay, clayey silt, and clayey gravel deposits that comprise the stratigraphic Subunit 3B and Unit 4. The Mississippian limestone bedrock is defined as HZ-E. HZ-E is the protected aquifer for the site. As a result of their very low permeability, Subunits 3M and 3B limit vertical groundwater movement between HZ-A and the deep groundwater zones (HZ-C and HZ-E) at the Latty Avenue Properties.

Summary of Calendar Year 2024 Groundwater Monitoring Results at the Latty Avenue Properties

Based on an evaluation of the groundwater data at the Latty Avenue Properties, two inorganic soil COCs (molybdenum, and selenium) and two radiological COCs (U-234 and total U) were detected at concentrations exceeding the ROD guidelines in HZ-A groundwater at the Latty Avenue

Properties in CY 2024. Molybdenum and selenium were detected above the corresponding ROD guidelines in HZ-A wells (HISS-10 and HW22) during the CY 2024 sampling events. Molybdenum and selenium were detected above the ROD guideline at HISS-10 in the samples collected during the first-, second-, third-, and fourth-quarter sampling events of CY 2024. Molybdenum and selenium were above the ROD guideline in the previous sampling events conducted in CY 2023. Therefore, molybdenum and selenium concentrations in HISS-10 have exceeded the ROD guideline for more than 12 months. The Mann-Kendall Trend Test results indicate a statistically significant increasing trend for molybdenum and selenium in HISS-10.

Selenium exceeded the ROD guideline at HW22 in the samples collected during the first- and third-quarter sampling events of CY 2024. However, selenium concentrations did not exceed the ROD guideline at HW22 in the samples collected during the second quarter of CY 2024. Therefore, selenium concentrations in HW22 have not exceeded the ROD guideline for more than 12 months.

The U-234 concentrations in the sample collected at HW22 during the second-quarter sampling event exceeded the ROD guideline. However, U-234 was not detected above the ROD guideline at HW22 in the sample collected during the previous sampling event of CY 2024. Therefore, U-234 has not exceeded the ROD guideline for more than 12 months at HW22. Total U exceeded the ROD guideline at HISS-01 in the samples collected during the first- and fourth-quarter sampling events of CY 2024. However, total U concentrations did not exceed the ROD guideline at HISS-01 in the samples collected during the second- and third-quarter sampling events in CY 2024. Therefore, the total U concentrations in HISS-01 have not exceeded the ROD guideline for more than 12 months.

Because a significant degradation of CWC surface water has not occurred and is not anticipated, no finding currently indicates significantly degraded groundwater conditions in HZ-A groundwater, as defined by the ROD. However, because molybdenum and selenium levels in HISS-10 have exceeded the ROD guideline for a period of at least 12 months, groundwater monitoring will continue subject to subsequent CERCLA 5-year reviews.

Based on the CY 2024 results for HW23, concentrations of all inorganic and radiological soil COCs were below the ROD groundwater guidelines in HZ-C during CY 2024. Therefore, no findings currently indicate significantly degraded groundwater conditions in HZ-C groundwater. An evaluation of potential response actions is therefore not required.

4.1.1 Evaluation of Groundwater Monitoring Data at the Latty Avenue Properties

The groundwater monitoring data for the Latty Avenue Properties are evaluated against the requirements for groundwater monitoring identified in the ROD (USACE 2005). The ROD specifies two types of groundwater monitoring guidelines: (1) response-action monitoring guidelines and (2) a total U monitoring guideline (which is used for both response-action and long-term monitoring). Response-action monitoring of HZ-A and HZ-C is being conducted to verify that the RA does not degrade current groundwater conditions. Another purpose of the response-action groundwater monitoring of HZ-C is to document protection of the limestone aquifer (HZ-E) during the RA.

The response-action monitoring guideline is two times the UCL_{95}, based on historical concentrations of the analyte in a particular well before RAs were initiated under the ROD. The response-action monitoring guidelines have been developed for the ROD soil COCs for each of the wells at the Latty Avenue Properties. The methodology for the development of the response-action monitoring guidelines is detailed in Appendix G of this EMDAR. The total U guideline is defined

in the ROD to be equal to the total U maximum contaminant level of 30 µg/L (USACE 2005). If total U levels exceed 30 µg/L, monitoring would continue subject to a CERCLA 5-year review.

In addition to the previous requirements, an evaluation of concentration trends over time is conducted for the COCs detected above the ROD guidelines in groundwater to support assessment of the effectiveness of the RA in the CERCLA 5-year reviews.

Monitoring Well Network at the Latty Avenue Properties

The CY 2024 EMP well network for the Latty Avenue Properties is shown on Figure 4-2. The monitoring wells are screened in HZ-A with the exception of monitoring well HW23, which is screened in HZ-C. The screened HZs for the groundwater monitoring wells at the Latty Avenue Properties are identified in Table 4-1. Appendix H, Attachment H-1, provides the well maintenance checklists for the annual inspection of the groundwater monitoring wells at the Latty Avenue Properties, conducted on July 2, 2024.

Table 4-1. Screened HZs for Groundwater Monitoring Wells at the Latty Avenue Properties in CY 2024

Well ID	Screened HZs
HISS-01[a]	HZ-A
HISS-06A[a]	HZ-A
HISS-10[a]	HZ-A
HISS-11A[a]	HZ-A
HISS-17S[a]	HZ-A
HISS-19S[a]	HZ-A
HW22[a]	HZ-A
HW23[a]	HZ-C

[a] Wells sampled in CY 2024.

Groundwater sampling was conducted at eight groundwater monitoring wells at the Latty Avenue Properties during the first, second, and third quarter in CY 2024. During the fourth quarter in CY 2024, wells HW22 and HW23 were not sampled due to a pending update to the property right-of-entry. Appendix H, Attachment H-2, contains copies of the field logbook pages for groundwater sampling conducted in CY 2024. First-quarter sampling was conducted from February 14 through 28, 2024; second-quarter sampling was conducted from May 22, 2024, through June 5, 2024; third-quarter sampling was conducted from August 5 through 19, 2024; and fourth-quarter sampling was conducted from October 15 through 21, 2024.

HZ-A Groundwater

Groundwater samples were collected from seven HZ-A wells in CY 2024. A summary table presenting the CY 2024 analytical data for all analytes is included in Appendix F (Table F-3).

For response-action monitoring, the CY 2024 groundwater data were evaluated to determine if groundwater conditions have significantly degraded. Continued monitoring of HZ-A could be required long term if significantly degraded groundwater conditions are found. Based on the ROD, a significantly degraded groundwater condition requires all of the following:

- That soil COC concentrations have statistically increased in groundwater (relative to the well's historical data and accounting for uncertainty) for more than a 12-month period. Significantly increased concentrations are defined as doubling of an individual COC concentration above the upper confidence limit (UCL) of the mean (based on the historical concentration before RA) for a period of 12 months;

- That the degraded well is close enough to impact CWC; and
- That a significant degradation of CWC surface water is anticipated.

The CY 2024 results were compared to the guidelines for the soil COCs identified in the ROD (i.e., antimony, arsenic, barium, cadmium, chromium, molybdenum, nickel, selenium, thallium, total U, vanadium, Ra-226, Ra-228, Th-228, Th-230, Th-232, U-234, U-235, and U-238). The ROD guideline for total U (30 µg/L) is used for both response-action and long-term monitoring of groundwater at the Latty Avenue Properties. Total U concentrations were compared to the 30 µg/L monitoring guideline. Total U concentrations (in µg/L) were calculated as follows from the isotopic results (in pCi/L) and the specific activities (in pCi/µg) for each radionuclide.

$$TotalU\left(\mu g/L\right)=\left[\frac{U^{234}\left(pCi/L\right)}{6240\left(pCi/\mu g\right)}\right]+\left[\frac{U^{235}\left(pCi/L\right)}{2.16\left(pCi/\mu g\right)}\right]+\left[\frac{U^{238}\left(pCi/L\right)}{0.335\left(pCi/\mu g\right)}\right]$$

Those soil COCs with concentrations above the ROD guidelines in HZ-A groundwater samples at the Latty Avenue Properties during CY 2024 are listed in Table 4-2. Because no groundwater sampling data are available for HISS-06A and HISS-11A prior to CY 2011, the ROD guidelines for HISS-06A and HISS-11A were developed using the pre-2006 data from the wells previously at these locations (HISS-06 and HISS-11).

Table 4-2. Analytes Exceeding ROD Guidelines in HZ-A Groundwater at the Latty Avenue Properties in CY 2024

Analyte	Units	Station	ROD Guidelines[a]	Minimum Detected	Maximum Detected	Mean Detected	Detects above ROD Guidelines[a]	Frequency of Detection
Molybdenum	µg/L	HISS-10	5.6	46	68	56.25	4	4/4
Selenium	µg/L	HISS-10	7.6	16	59	39.0	4	4/4
		HW22	17	14	35	27.67	2	2/3
U-234[b]	pCi/L	HISS-10	6.6	5.02	7.67	5.96	1	1/4
		HW22	6.4	4.07	10.8	6.34	1	1/3
U-238[c]	pCi/L	HISS-10	5.2	3.08	5.61	4.34	2	2/4
		HW22	5.4	2.55	5.42	3.96	1	1/3
Total U[d]	µg/L	HISS-01	30	29.06	34.82	31.95	2	2/4

[a] ROD guidelines include the response-action monitoring guidelines and the total U monitoring guideline of 30 µg/L. Response-action monitoring guideline = 2 x UCL_{95}, based on historical concentrations before RAs were initiated (USACE 2005). Results are reported to two significant digits.

[b] Total concentration of U-234 detected in HISS-10 is not above the ROD guideline when measurement error is taken into account.

[c] Total concentration of U-238 detected in HISS-10 and HW22 are not above the ROD guideline when measurement error is taken into account.

[d] Total U values were calculated from isotopic concentrations in pCi/L and converted to µg/L using radionuclide-specific activities with the following formula: total U (µg/L) = U-234 (pCi/L)/6240 + U-235 (pCi/L)/2.16 + U-238 (pCi/L)/0.335.

Two inorganic COCs (molybdenum and selenium) were detected above their ROD guidelines in HZ-A groundwater at the Latty Avenue Properties in CY 2024. Molybdenum was detected in HISS-10 at levels above the ROD guideline of 5.6 µg/L in the first-, second-, third-, and fourth-quarter samples (46 µg/L, 51 µg/L, 60 µg/L, and 68 µg/L, respectively). Molybdenum was above the ROD guideline in the previous sampling events conducted in CY 2023. Therefore, molybdenum concentrations in HISS-10 have exceeded the ROD guideline for more than 12 months. Selenium was detected in HISS-10 at levels above the ROD guideline of 7.6 µg/L in the first-, second-, third-, and fourth-quarter samples (59 µg/L, 26 µg/L, 16 µg/L, and 55 µg/L, respectively). Selenium was above the ROD guideline in the previous sampling events conducted in CY 2023.

Therefore, selenium concentrations in HISS-10 have exceeded the ROD guideline for more than 12 months.

Selenium was also detected in HW22 at levels above the ROD guideline (17 µg/L) in the first- and third-quarter samples (34 µg/L and 35 µg/L, respectively). The selenium concentrations did not exceed the ROD guideline in the second-quarter sample of CY 2024. Therefore, selenium concentrations in HW22 have not exceeded the ROD guideline for more than 12 months.

Three radiological COCs (U-234, U-238, and total U) were detected above their ROD guidelines in HZ-A wells at HISS-10, HW22, and HISS-01 at the Latty Avenue Properties in CY 2024. However, the concentrations of U-234 and U-238 detected in HISS-10 are not above the ROD guideline when measurement error is taken into account. U-234 was detected above the ROD guideline of (6.4 pCi/L) in HW22 in the second-quarter sample (10.8 pCi/L). In addition, U-234 concentrations did not exceed the ROD guideline in the previous sampling event of CY 2024. Therefore, U-234 has not exceeded the ROD guideline for more than 12 months at HW22. U-238 was detected in HW22 in the second-quarter sample. However, concentrations of U-238 do not exceed the ROD guideline when measurement error is taken into account.

The total U concentration exceeded the ROD guideline of (30 µg/L) in HISS-01 in the first and fourth-quarter sample (34.82 µg/L and 34.65 µg/L, respectively). The total U concentration did not exceed the ROD guideline in the second, and third-quarter sampling events in CY 2024. Therefore, the total U concentrations in HISS-01 have not exceeded the ROD guideline for more than 12 months.

In summary, comparison of the data to the ROD guidelines indicates that two inorganic COCs (molybdenum and selenium) and two radiological COCs (U-234 and total U) exceeded the ROD guidelines in HZ-A groundwater in CY 2024. Because a significant degradation of CWC surface water has not occurred and is not anticipated, no findings currently indicate significantly degraded groundwater conditions in HZ-A groundwater, as defined by the ROD. However, because molybdenum and selenium levels in HISS-10 have exceeded the ROD guideline for a period of at least 12 months, groundwater monitoring will continue subject to subsequent CERCLA 5-year reviews.

HZ-C Groundwater

Groundwater samples were collected from one HZ-C well (HW23) in CY 2024. This well was sampled for both radionuclides and inorganics during the first-, second-, and third-quarter sampling events. Concentrations of all inorganic and radiological soil COCs were below the ROD groundwater guidelines in HW23 during CY 2024.

In summary, the CY 2024 HZ-C groundwater data from the Latty Avenue Properties indicate that no analytes were detected at concentrations above ROD groundwater guidelines. Therefore, there is currently no finding of significantly degraded groundwater conditions in HZ-C groundwater.

4.1.2 Comparison of Historical Groundwater Data at the Latty Avenue Properties

Groundwater sampling has been conducted at the Latty Avenue Properties from CY 1984 to the present. The most extensive groundwater monitoring program, involving sampling from 18 monitoring wells, was conducted at the site in the summer of CY 1997. Results from subsequent sampling events were used to evaluate contaminant trends at the Latty Avenue Properties during the period from the first quarter of CY 1999 to the fourth quarter of CY 2024. Statistical analysis

was used to assist with identifying trends for those contaminants that exceeded the ROD guidelines in CY 2024.

Statistical Method and Trend Analysis

Several statistical methods are available to evaluate contaminant trends in groundwater. These include the Mann-Kendall Trend Test, the Wilcoxon Rank Sum (WRS) Test, and the Seasonal Kendall Test (USEPA 2000). The latter two tests are applicable to data that may or may not exhibit seasonal behavior, but generally require larger sample sizes than the Mann-Kendall Trend Test. The Mann-Kendall Trend Test was selected for this project because this test can be used with small sample sizes (as few as four data points), and because a seasonal variation in concentrations was not indicated by the time-versus-concentration plots at the NC Sites. The Mann-Kendall Trend Test is a non-parametric test and, as such, is not dependent upon assumptions of distribution, missing data, or irregularly spaced monitoring periods. In addition, data reported as being less than the detection limit (DL) can be used (Gibbons 1994). The test can assess whether a time-ordered dataset exhibits an increasing or decreasing trend, within a predetermined level of significance. While the Mann-Kendall Trend Test can use as few as four data points, often this is not enough data to detect a trend. Therefore, the test was performed only at those monitoring stations at the NC Sites for which data have been collected for at least six sampling events.

A customized Microsoft Excel® spreadsheet was used to perform the Mann-Kendall Trend Test. The test involves listing the sampling results in chronological order and computing all differences that may be formed between current measurements and earlier measurements. The value of the test statistic (S) is the difference between the number of strictly positive differences and the number of strictly negative differences. If S is a large positive value, then evidence indicates an increasing trend in the data. If S is a large negative value, then evidence indicates a decreasing trend in the data. If no trend exists and all observations are independent, then all rank orderings of the annual statistics are equally likely (USEPA 2000). The results of the Mann-Kendall Trend Test are reported in terms of a p-value or Z-score, depending on sample size, N. If the sample size is less than or equal to 10, then the p-value is computed. If the p value is less than or equal to 0.05, the test concludes that the trend is statistically significant. If the p value is greater than 0.05, the test concludes no evidence of a significant trend exists. For dataset sizes larger than 10, the Z-score is compared to ±1.65, which is the comparison level at a 95 percent confidence level. If the Z-score is greater than 1.65, the test concludes that a significant upward trend exists. If the Z-score is less than –1.65, the test concludes that a significant downward trend exists. For Z-scores between –1.65 and 1.65, no evidence of a significant trend exists.

The results of the Mann-Kendall Trend Test are less reliable for datasets containing a high number of non-detect values, particularly if the DL changes over time. For that reason, for datasets in which more than 50 percent of the time-series data are non-detect results, the Mann-Kendall Trend Test was not conducted. No general consensus exists regarding the percentage of non-detect results that can be handled by the Mann-Kendall Trend Test.

Only unfiltered data were used, and split and QC sample results were not included in the database for the Mann-Kendall Trend Test. The Mann-Kendall Trend Test is used to evaluate the radiological data and to determine trends without regard to isotopic analysis. In addition, for monitoring wells for which the Mann-Kendall Trend Test has indicated a trend (either upward or downward), another analysis is performed to determine whether the trend is due to inherent error associated with the analytical test method for each sample analysis. This analysis involves graphing the data and the associated error-bar for the specific constituent. The time-versus-concentration plots for

molybdenum at HISS-10, selenium at HISS-10 and HW22, and U-234 at HW22, and for total U at HISS-01 are provided on Figures 4-3a through 4-3e.

Results of Trend Analysis for Groundwater at the Latty Avenue Properties

For those stations at which an analyte exceeded the ROD guideline at least once during the year and for which sufficient historical data were available to evaluate trends (i.e., at least six samples), statistical trend analysis is conducted to assess whether concentrations of the analyte are increasing (upward trending) or decreasing (downward trending) over time. For the purposes of this trend analysis, a statistically significant trend in concentration is defined as a trend with a confidence level greater than 95 percent. The confidence level denotes the probability that the indicated trend is an actual trend in the data, rather than a result of the random nature of environmental data.

HZ-A Groundwater

The Mann-Kendall Trend Test was performed for those wells in which analytes exceeded the ROD guidelines at least once during CY 2024, for which sufficient data were available (i.e., at least six samples were collected during the period from the first quarter of CY 1999 through the fourth quarter of CY 2024), and at which the percentage of non-detect results is less than or equal to 50 percent.

Inorganics

The concentration of two inorganic soil COCs (molybdenum and selenium) were above the ROD groundwater guidelines in the CY 2024 groundwater samples from HZ-A wells HISS-10 and HW22. A trend analysis was conducted for molybdenum and selenium in HISS-10 and for selenium in HW22. As shown in Table 4-3 and on the time-versus-concentration plots on Figures 4-3a through 4-3e, a statistically significant increasing trend in molybdenum and selenium concentrations (i.e., a trend with a confidence level greater than 95 percent) was observed for molybdenum at HISS-10 and for selenium at HISS-10 and HW22 for the CY 2024 dataset.

Table 4-3. Results of the Mann-Kendall Trend Test for Analytes Exceeding the ROD Guidelines in Groundwater at the Latty Avenue Properties in CY 2024

Analyte	Station	N[a]	Test Statistics[b]		Trend[d]
			S[c]	Z[c]	
Molybdenum	HISS-10	52	947	7.53	Upward Trend
Selenium	HISS-10	55	729	5.37	Upward Trend
	HW22	32	215	3.47	Upward Trend
U-234	HW22	27	124	2.56	Upward Trend
Total U	HISS-01	43	175	1.82	Upward Trend

[a] N is the number of unfiltered groundwater sample results for a particular analyte.
[b] Test Statistics: S – the S-Statistic; Z – Z-score, or normalized test statistic (for datasets having N greater than 10).
[c] One-tailed Mann-Kendall Trend Tests were performed at a UCL_{95}.
[d] Trend: If N is greater than 10, the Z-score is compared to ±1.65 to determine trend significance.

Radionuclides

The concentrations of two radiological COCs (U-234, and total U) were above the ROD groundwater guidelines in the CY 2024 groundwater samples from HZ-A wells HW22 and HISS-01. Because total U values are calculated using U-234 and U-238 values, the trend in their values should be similar, so a trend analysis was conducted for total U concentration at HW22. A trend analysis was also conducted for total U on HISS-01. As shown in Table 4-3 and on the time-versus-concentration plot on Figures 4-3a through 4-3e, a statistically significant increasing trend in total U concentrations (i.e., a trend with a confidence level greater than 95 percent) was observed for HW22 for the CY 1999 through CY 2024 dataset.

Table 4-3 and on the time-versus-concentration plot on Figures 4-3a through 4-3e, the trend analysis conducted for total U at HISS-01 indicates and upward trend, and a statistically significant increasing trend in total U concentrations was observed for HISS-01 for the CY 1999 through CY 2024 dataset.

The time-versus-concentration plots shown on Figure 4-4 provide an overview of the temporal and spatial variability in the concentrations of total U in groundwater at the Latty Avenue Properties. Total U concentrations were calculated using the isotopic U results measured in pCi/L and converted to µg/L using radionuclide-specific activities. The reported values were used for detected and non-detected isotopic values, except when the value was negative. If the reported value was negative, a value equal to zero was substituted for the result prior to calculating the total U concentration.

HZ-C Groundwater

The Mann-Kendall Trend Test is performed for those wells in which analytes exceeded the ROD guidelines at least once during CY 2024. Concentrations of all soil COCs were below the ROD groundwater guidelines in CY 2024. Therefore, a trend analysis was not conducted for HZ-C groundwater for the Latty Avenue monitoring well.

4.1.3 Evaluation of the Potentiometric Surface at the Latty Avenue Properties

Groundwater surface elevations were measured at the Latty Avenue Properties in February, May, August, and October of CY 2024. Groundwater elevation contours were drawn using the February 9, 2024, and August 1, 2024, measurements to illustrate groundwater flow conditions in wet and dry seasons, respectively. The potentiometric surface maps, shown on Figures 4-5 through 4-8, were developed for both HZ-A and HZ-C groundwater zones. The groundwater flow direction is interpreted to be perpendicular to the groundwater equipotential contours. The groundwater surface elevations at the Latty Avenue Properties, the SLAPS, and the SLAPS VPs were mapped on the same figures because these areas are located in the same groundwater flow regime.

The top of the saturated zone occurs in the low hydraulic conductivity silts and clays of stratigraphic Units 2 and 3T at the Latty Avenue Properties. The potentiometric data indicate some mounding of the HZ-A groundwater at the HISS and Futura. Wells HISS-01, HISS-06A, HISS-10, and HISS-17S have the highest potentiometric surface elevations, with lower groundwater elevations measured in the surrounding wells. At the western edge of the HISS and Futura, groundwater in the HZ-A zone flows to the west toward CWC. The local horizontal gradient for HZ-A groundwater at the HISS and Futura was 0.011 ft/ft in the wet season (February 9, 2024) and the dry season (August 1, 2024). Based on the CY 2024 water-level measurements, the position of the HZ-A groundwater surface averages approximately 0.24 ft higher in the corresponding shallow wells at the HISS in the wet season (February) than in the dry season (August).

The potentiometric surface of the HZ-C groundwater at the Latty Avenue Properties is not well defined due to the limited data available for the deeper HZs. Based on measured groundwater elevations in the HZ-C monitoring well HW23 at the Latty Avenue Properties and several HZ-C wells located to the southwest at the SLAPS and the SLAPS VPs, the flow direction in the HZ-C groundwater beneath the Latty Avenue Properties was generally toward the southeast at an average horizontal gradient of 0.0008 ft/ft (February) and 0.0007 ft/ft (August) in CY 2024.

4.2 ST. LOUIS AIRPORT SITE AND ST. LOUIS AIRPORT SITE VICINITY PROPERTIES

Groundwater monitoring wells have been installed at the SLAPS and the SLAPS VPs to characterize the site stratigraphy, groundwater chemistry, and groundwater migration pathways.

Stratigraphy at the St. Louis Airport Site and the St. Louis Airport Site Vicinity Properties

In the vicinity of the SLAPS and the adjacent SLAPS VP Ballfields, surficial deposits (Unit 1) include topsoil and anthropogenic fill (rubble, scrap metal, gravel, glass, slag, and concrete) generally less than 14 ft thick (Figures 4-1, 4-9, and 4-10). Unit 2 is comprised of loess and has a thickness of 11 to 30 ft. Unit 3, which is subdivided into Subunits 3T, 3M, and 3B, primarily consists of clay and silt lakebed deposits. Each of these clayey subunits has a thickness of up to 30 ft. Unit 4 consists of clayey gravel with fine to very-fine sand and sandy gravel. This unit is interpreted to be approximately 5 to 15 ft thick and thins eastward and westward of the SLAPS. This unit is absent beneath the eastern part of the SLAPS, where Subunits 3M and 3B drape, or onlap, onto shale bedrock. Below Units 3 and 4 are Units 5 and 6, which consist of Pennsylvanian shale/siltstone and Mississippian limestone, respectively. Depth to bedrock ranges from approximately 55 ft on the eastern part of the SLAPS to a maximum of 90 ft toward CWC to the west. The hydrogeologic and geologic setting at the SLAPS and the SLAPS VPs is similar to that at the HISS, with one exception. The Pennsylvanian shale bedrock unit (Unit 5), present beneath portions of the SLAPS and the SLAPS VPs, is absent beneath the HISS.

Five HZs (HZ-A through HZ-E) are recognized beneath the SLAPS and the SLAPS VPs. HZ-A consists of fill (Unit 1) and the Pleistocene, glacially related sediments of stratigraphic Unit 2, and Subunit 3T. Underlying HZ-A is HZ-B, which consists of highly impermeable clay (Subunit 3M). HZ-C consists of the stratigraphic Subunit 3B and Unit 4. The shale (Unit 5) and limestone (Unit 6) bedrock are recognized as HZ-D and HZ-E, respectively. HZ-E is the protected aquifer for the site.

The shallow (HZ-A) groundwater flow is toward CWC under normal flow conditions. The shallow groundwater flow at the SLAPS and IA-09 is to the northwest toward CWC, and the shallow groundwater flow at IA-10 is to the southeast toward CWC. Average depths to the groundwater surface at the site range from approximately 8 ft below ground surface during the spring months to approximately 10 ft below ground surface (bgs) during the fall months. The dominant flow in HZ-A is through the more permeable Unit 2. Each of the subunits in Unit 3 has lower hydraulic conductivity than Units 1, 2, and 4. Units HZ-B and the Pennsylvanian shale HZ-D limit the passage of groundwater vertically beneath the SLAPS and the SLAPS VPs. Subunit 3M of HZ-B acts as a vertical barrier to groundwater movement under the western portion of the site. Subunit 3M is a clayey aquitard (unit resisting water passage) that effectively separates the HZ-A groundwater system from the underlying HZ-C and HZ-E. The dominant unit to obtain water in the lower horizon is the sandy, clayey gravel of Unit 4. Unit 4 of HZ-C is used as a surrogate for HZ-E, because water movement within the Mississippian limestone is dependent upon the limestone's joint and solutioned system. In addition, the limestone has exhibited massive characteristics and is very slow to recharge.

Summary of Calendar Year 2024 Groundwater Monitoring Results at the St. Louis Airport Site and the St. Louis Airport Site Vicinity Properties

Three soil COCs (nickel, selenium, and total U) exceeded the ROD guidelines in HZ-A groundwater at the SLAPS and the SLAPS VPs in CY 2024. Total U has exceeded the ROD guideline in PW46 and selenium has exceeded the ROD guideline in B53W17S for a period of at least 12 months. A statistically significant decreasing trend was observed for total U concentrations

at PW46 and an significant upward trend was observed in selenium at B53W17S. A Mann-Kendall Trend Test could not be performed for the nickel results in PW46 because less than 50 percent of the time-series data were greater than the DL. A significant degradation of CWC surface water has not occurred and is not anticipated, no findings currently indicate significantly degraded groundwater conditions in HZ-A groundwater, as defined by the ROD. However, selenium and total U levels have exceeded the ROD guidelines for a period of at least 12 months, groundwater monitoring will continue subject to subsequent CERCLA 5-year reviews.

One inorganic soil COC (cadmium) exceeded the ROD guidelines in HZ-C groundwater at the SLAPS and the SLAPS VPs in CY 2024. Cadmium has not exceeded the ROD guideline in PW42 for a period of at least 12 months. A Mann-Kendall Trend Test could not be performed for the cadmium results in PW42 because 50 percent of the time series data were above the DL. Because a significant degradation of CWC surface water has not occurred and is not anticipated, no findings currently indicate significantly degraded groundwater conditions in HZ-C groundwater, as defined by the ROD. No inorganic or radiological soil COCs exceeded the ROD groundwater guidelines in HZ-E groundwater during CY 2024.

4.2.1 Evaluation of Groundwater Monitoring Data at the St. Louis Airport Site and the St. Louis Airport Site Vicinity Properties

The purpose of the groundwater monitoring conducted at the SLAPS and the SLAPS VPs is specified in the ROD (USACE 2005). Response-action monitoring is currently being conducted in HZ-A and HZ-C to assess the improvement of water quality due to source removals, and to document the protection of the limestone aquifer (HZ-E) during the RA.

The groundwater monitoring data at the SLAPS and the SLAPS VPs are evaluated against the requirements for groundwater monitoring identified in the ROD (USACE 2005).

In addition to the previously described monitoring, an evaluation of concentration trends is conducted for the COCs detected exceeding the ROD guidelines in groundwater to support assessment of the effectiveness of the RA in the CERCLA 5-year reviews.

Monitoring Well Network at the St. Louis Airport Site and the St. Louis Airport Site Vicinity Properties

The current EMP well network for the SLAPS and the SLAPS VPs is shown on Figure 4-11. A summary of the HZ information for the groundwater monitoring wells located at the SLAPS and the SLAPS VPs is provided in Table 4-4. HZ-A is considered the upper (or shallow) zone, while HZ-C, HZ-D, and HZ-E have been considered the lower (or deep) zone (Figures 4-9 and 4-10). This designation of upper and lower zones is separated at Subunit 3M of HZ-B. A total of 11 wells are screened exclusively across the shallow zone (HZ-A). A total of 4 wells are screened exclusively in the lower zone across HZ-C or HZ-E. The remaining well (PW36) is screened across both HZ-B and HZ-C. Appendix H, Attachment H-1, provides the well maintenance checklists for the annual inspection of the groundwater monitoring wells at the SLAPS and the SLAPS VPs, conducted in April 2024.

Table 4-4. Groundwater Monitoring Well Network at the SLAPS and the SLAPS VPs in CY 2024

Well ID	Screened HZs			
	HZ-A	HZ-B	HZ-C	HZ-E
B53W01D[a]			X	
B53W01S[a]	X			

Table 4-4. Groundwater Monitoring Well Network at the SLAPS and the SLAPS VPs in CY 2024 (Continued)

Well ID	Screened HZs			
	HZ-A	HZ-B	HZ-C	HZ-E
B53W06S[a]	X			
B53W07D[a]			X	
B53W07S[a]	X			
B53W09S[a]	X			
B53W17S[a]	X			
MW31-98[a]	X			
MW32-98[a]	X			
PW35[a]				X
PW36[a]		X	X	
PW42 [a]			X	
PW43[a]	X			
PW44 [a]	X			
PW45 [a]	X			
PW46[a]	X			

[a] Wells sampled in CY 2024.

During CY 2024, 16 groundwater wells were sampled quarterly for various parameters at the SLAPS and the SLAPS VPs. Appendix H, Attachment H-2, contains copies of the field logbook pages for groundwater sampling conducted in CY 2024. Groundwater samples collected from these wells were analyzed for radiological and/or inorganic constituents. Historically, radiological parameters (Ra-226, Ra-228, Th-228, Th-230, Th-232, U-234, U-235, and U-238) and inorganic constituents have been the main focus of the groundwater sampling. The analytical data for the CY 2024 groundwater sampling at the SLAPS and the SLAPS VPs are contained in Appendix F, Table F-4.

In CY 2024, groundwater sampling was conducted from February 13 through March 7 (first quarter); from May 14 through June 11, (second quarter); from August 13 through 29 (third quarter); and from October 22 through November 20 (fourth quarter). The CY 2024 results were compared to ROD guidelines for the soil COCs identified in the ROD (i.e., antimony, arsenic, barium, cadmium, chromium, molybdenum, nickel, selenium, thallium, total U, vanadium, Ra-226, Ra-228, Th-228, Th-230, Th-232, U-234, U-235, and U-238).

HZ-A Groundwater

Eleven HZ-A wells (B53W01S, B53W06S, B53W07S, B53W09S, B53W17S, MW31-98, MW32-98, PW43, PW44, PW45, and PW46) were sampled at the SLAPS and the SLAPS VPs during CY 2024. Table 4-5 lists those soil COCs exceeding the ROD guidelines in CY 2024 groundwater samples from HZ-A wells at the SLAPS and the SLAPS VPs.

Table 4-5. Analytes Exceeding ROD Guidelines in HZ-A Groundwater at the SLAPS and the SLAPS VPs in CY 2024

Analyte	Units	Station	ROD Guidelines[a]	Minimum Detected	Maximum Detected	Mean Detected	Detects above ROD Guidelines[a]	Frequency of Detection
Nickel	µg/L	PW46	3.4	1.8	4.2	3	1	1/4
Selenium	µg/L	B53W17S	140	200	230	140	4	4/4
Total U[b]	µg/L	PW46	30	206.74	2559.19	1382.96	4	4/4

[a] ROD guidelines = response-action monitoring guideline and total U monitoring guideline. Response-action monitoring guideline = 2 x UCL_{95} (based on historical concentrations before RAs were initiated). Total U monitoring guideline = 30 µg/L (USACE 2005).

[b] Total U values were calculated from isotopic concentrations in pCi/L and converted to µg/L using radionuclide-specific activities with the following formula: total U (µg/L) = U-234 (pCi/L)/6240 + U-235 (pCi/L)/2.16 + U-238 (pCi/L)/0.335.

Two inorganic soil COCs (nickel and selenium) were detected in HZ-A groundwater at concentrations exceeding the ROD guidelines at the SLAPS and the SLAPS VPs during CY 2024. Nickel was detected at concentrations exceeding the ROD guideline in HZ-A well PW46 during the second quarter of CY 2024. The nickel concentration did not exceed the ROD guideline in the sample collected from PW46 during the first, third, or fourth quarter of CY 2024. Therefore, the nickel concentration at PW46 has not exceeded the ROD guideline for a period of at least 12 months. Selenium was detected at concentrations exceeding the ROD guideline in HZ-A well B53W17S during CY 2024. The selenium concentration did exceed the ROD guideline in the sample collected from B53W17S in the first, second, third, and fourth quarter of CY 2024. Therefore, the selenium concentration at B53W17S has exceeded the ROD guideline for a period of at least 12 months.

One radiological soil COC (total U) exceeded the ROD guideline of 30 µg/L in HZ-A groundwater at the SLAPS and the SLAPS VPs. The total U concentration in PW46 (calculated from the isotopic concentrations) exceeded the 30 µg/L guideline during the first, second, third, and fourth quarter of CY 2024 sampling events. The total U concentration during CY 2024 in PW46 ranged from 2,559 µg/L (first-quarter sample) to 206 µg/L (fourth-quarter sample). PW46 is an RA evaluation well that was installed at the western edge of the SLAPS in April of 2006. Although no groundwater sampling data are available for PW46 prior to May 18, 2006, data are available for PW38, the previous well at this location. The ROD guidelines for PW46 were developed using pre-2004 data from PW38. The CY 2024 total U concentration at PW46 is lower than the historical concentrations reported at PW38 prior to its decommissioning in November of 2003 (Figure 4-13). Based on the statistical evaluation of trends presented in Section 4.2.2, a statistically significant downward trend in the concentrations of total U was observed in PW46 during CY 2024.

In summary, two inorganic soil COCs (nickel in PW46 and selenium in B53W17S) exceeded the ROD guidelines in HZ-A groundwater at the SLAPS and the SLAPS VPs in CY 2024. However, the inorganic nickel in PW46 did not exceed the ROD guidelines for a period of at least 12 months. Selenium in HZ-A well B53W17S did exceed the ROD guideline of 140 µg/L for a period of at least 12 months. In addition, the concentration of total U exceeded the guideline of 30 µg/L in one HZ-A well (PW46) located at the western edge of the SLAPS and has exceeded the ROD guideline for a period of at least 12 months. In comparison of the CY 2024 concentration with historical well data, these two wells did not indicate that significant degradation of HZ-A groundwater is occurring. Because a significant degradation of CWC surface water has not occurred and is not anticipated, no findings currently indicate significantly degraded groundwater conditions in HZ-A groundwater, as defined by the ROD. However, because nickel and total U levels have exceeded the ROD guidelines for a period of at least 12 months in B53W17S and PW46, monitoring will continue subject to subsequent CERCLA 5-year reviews.

Lower Groundwater (HZ-C Through HZ-E)

Table 4-6 lists those soil COCs exceeding the ROD guidelines in groundwater samples collected from HZ-C wells at the SLAPS and the SLAPS VPs in CY 2024. Groundwater samples were collected from four HZ-C wells (B53W01D, B53W07D, PW36, and PW42) and one HZ-E well (PW35) in CY 2024. Monitoring wells were sampled quarterly for inorganics and radionuclides during CY 2024.

One inorganic soil COC (cadmium) was detected at a concentration exceeding the ROD groundwater guideline in HZ-C groundwater in CY 2024. Cadmium was detected in PW42 at 1.1 µg/L, as compared to the ROD groundwater guideline of 0.8 µg/L. The cadmium concentration did not exceeded the ROD groundwater guideline in the samples collected from

PW42 during the first, third, or fourth quarter of CY 2024. Therefore, cadmium has not exceeded the ROD guideline in PW42 for a period of at least 12 months.

Inorganic and radionuclide concentrations did not exceed the ROD guidelines in the samples collected from HZ-E groundwater during CY 2024.

Table 4-6. Analytes Exceeding ROD Guidelines in HZ-C Groundwater at the SLAPS and the SLAPS VPs in CY 2024

Analyte	Units	Station	ROD Guidelines[a]	Minimum Detected	Maximum Detected	Mean Detected	Detects above ROD Guidelines[a]	Frequency of Detection
Cadmium	µg/L	PW42	0.8	0.06	1.1	0.58	1	1/4

[a] ROD guidelines = response-action monitoring guideline. Response-action monitoring guideline = 2 x UCL_{95} (based on historical concentrations before RAs were initiated).

4.2.2 Comparison of Historical Groundwater Data at the St. Louis Airport Site and the St. Louis Airport Site Vicinity Properties

Results of groundwater sampling conducted from CY 1998 though CY 2024 indicate that various inorganics and radionuclides have been detected at concentrations exceeding the ROD guidelines in HZ-A groundwater at the SLAPS and the SLAPS VPs. Statistical analysis was used to identify trends for those contaminants that exceeded these guidelines during CY 2024. As described in Section 4.1.2, the Mann-Kendall Trend Test is the statistical method used to evaluate contaminant trend in groundwater. Filtered data, split samples, and field duplicates were not included in the analysis. For datasets in which 50 percent or more of the time-series data are non-detect values, the Mann-Kendall Trend Test was not performed.

Results of Trend Analysis at the St. Louis Airport Site and the St. Louis Airport Site Vicinity Properties

The evaluation of historical trends for groundwater at the SLAPS and the SLAPS VPs focuses on those contaminants that exceeded the ROD guidelines in samples collected during CY 2024. For those monitoring wells at which an analyte exceeded these guidelines in one or more samples during CY 2024 and the historical dataset had a detection frequency greater than 50 percent and a sample size of at least six, a statistical trend analysis was conducted to assess whether concentrations of the analyte are increasing (upward trending) or decreasing (downward trending) over time. For the purposes of this EMDAR, a statistically significant trend in concentration is defined as a trend with a confidence level greater than 95 percent. Because the Mann-Kendall Trend Test does not consider the effects of measurement error and does not provide any information concerning the magnitude of trends, time-versus-concentration plots were used to evaluate these factors.

Based on the CY 2024 groundwater monitoring data for the SLAPS and the SLAPS VPs, three soil COCs (selenium, nickel, and total U) exceeded the ROD guidelines in HZ-A groundwater. The Mann-Kendall Trend Test was performed for selenium at B53W17S, and for total U at PW46. Nickel at PW46 did not have a historical dataset with a detection frequency greater than 50 percent; therefore, a Mann-Kendall Trend test was not performed for nickel at PW46. To aid in the evaluation of locations that exhibited an upward or downward trend, a time-versus-concentration plot for B53W17S is provided on Figure 4-12. A time-versus-concentration plot for total U at PW46 is provided on Figure 4-13.

One soil COC exceeded the ROD guideline in lower groundwater (HZ-C through HZ-E) during CY 2024 at the SLAPS and the SLAPS VPs. The cadmium concentration in HZ-C well PW42 exceeded the ROD guideline. Because the historical dataset for cadmium in PW42 does not have

a detection frequency greater than 50 percent, a Mann-Kendall Trend Test was not performed for this constituent.

Inorganics

The results of the Mann-Kendall Trend Tests are provided in Table 4-7. As shown in Table 4-7, statistically significant increasing trends were observed for selenium concentrations at B53W17S. Because the Mann-Kendall Trend Test does not consider the effects of measurement error and does not provide any information concerning the magnitude of the trend, time-versus-concentration plots for those soil COCs having statistically significant increasing or decreasing trends in groundwater (provided on Figure 4-12) were used to evaluate these factors. The best-fit trend lines based on the data scatter are also shown on the graphs on these figures.

Table 4-7. Results of Mann-Kendall Trend Test for Analytes with Concentrations Exceeding ROD Guidelines in Groundwater at the SLAPS and the SLAPS VPs in CY 2024

Analyte	Station	N[a]	Test Statistics[b]		Trend[d]
			S[c]	Z[c]	
Selenium	B53W17S	33	358	5.53	Upward Trend
Total U	PW46	38	-205	-2.56	Downward Trend

[a] N is the number of unfiltered groundwater sample results for a particular analyte with the exception of total U at PW46. PW46 was installed in April of 2006, the dataset covers the period between May of 2006 and December of 2024.
[b] Test Statistics: S – the S-Statistic; Z – Z-score, or normalized test statistic (used if N greater than 10).
[c] One-tailed Mann-Kendall Trend Tests were performed at a 95-percent level of confidence.
[d] Trend: If N is greater than 10, the Z-score is compared to ±1.64 to determine trend significance

Radionuclides

A statistical evaluation of historical total U concentrations has been conducted using total U concentrations. Total U values were calculated from isotopic concentrations in pCi/L and converted to µg/L using radionuclide-specific activities. The Mann-Kendall Trend Test was performed for total U in the HZ-A well with concentrations exceeding the 30 µg/L ROD guideline in CY 2024 (PW46). The results of the Mann-Kendall Trend Test are provided in Table 4-7. The Mann-Kendall Trend Test results indicate a downward trend for total U concentrations in PW46. A graph of time-versus-total U concentrations for PW46 is shown on Figure 4-13. PW46 was installed in April of 2006 near the former location of PW38 and is screened across the same interval. For comparison purposes, the PW38 data collected between March of 2000 and November of 2003 are also shown on the graph of PW46 data on Figure 4-13. As indicated on the graph, total U concentrations in PW46 have decreased from the levels reported at PW38 prior to installation of PW46. Time-versus-concentration graphs for total U for the wells sampled in CY 2024 at the SLAPS and the SLAPS VPs are provided on Figures 4-14a and 4-14b. These graphs provide an overview of the temporal and spatial variability in the concentrations of total U in groundwater at the SLAPS and the SLAPS VPs.

4.2.3 Evaluation of the Potentiometric Surface at the St. Louis Airport Site and the St. Louis Airport Site Vicinity Properties

Groundwater surface elevations were measured from wells at the SLAPS and the SLAPS VPs in February, May, August, and October of CY 2024. Groundwater elevation contours were drawn using the February 9, 2024, and August 1, 2024, measurements to provide a comparison of the groundwater flow conditions during periods of high and low groundwater elevations, respectively. The potentiometric surface maps, shown on Figures 4-5 through 4-8, were

developed for both HZ-A and HZ-C groundwater zones. The groundwater flow direction is interpreted to be perpendicular to the groundwater equipotential contours.

In February and August of CY 2024, the groundwater flow direction in the HZ-A groundwater at the SLAPS and adjacent SLAPS VP Ballfields was northwesterly toward CWC (Figures 4-5 and 4-7). The groundwater flow direction in the HZ-A groundwater at SLAPS VP IA-10 is to the southeast toward CWC. In the eastern portion of the SLAPS, the average horizontal hydraulic gradient in HZ-A groundwater was 0.016 ft/ft in the wet season (February 9, 2024) and 0.014 ft/ft in the dry season (August 1, 2024). The hydraulic gradient in HZ-A groundwater increases near CWC, where the average horizontal gradient ranges from 0.039 ft/ft (February 9, 2024) to 0.046 ft/ft (August 1, 2024). The unconfined HZ-A groundwater is interpreted to discharge into CWC, which divides the HZ-A groundwater system south and east of the creek from areas north and west of CWC. Groundwater recharge comes from three primary sources: precipitation, offsite inflow of groundwater, and creek bed infiltration during high creek stage. Groundwater discharge could occur by seepage into CWC during low creek stage (DOE 1994). The vertical gradient varies beneath the site and is influenced by stratigraphic heterogeneity and seasonal fluctuations in recharge and evapotranspiration. Based on the CY 2024 water-level measurements, the elevation of the HZ-A groundwater surface averaged approximately 2.09 ft higher in the corresponding shallow wells at the SLAPS and the SLAPS VPs in the wet season (February) than in the dry season (August).

A review of the screened intervals in the deep wells (both active and abandoned wells) indicates that many wells were screened across multiple lithologic units and HZs. Based on this review, the HZ-C (Units 3B and 4) potentiometric surface was determined to be a proper representation of the lower groundwater system. This review reduces the number of data points used to develop the potentiometric surface contours but results in a higher level of confidence in contouring the HZ-C potentiometric surface.

The potentiometric surface contours for the HZ-C groundwater in CY 2024 are illustrated on Figures 4-6 and 4-8. The flow direction in HZ-C is generally southeast beneath the SLAPS and the SLAPS VPs, at an average horizontal gradient of 0.0009 ft/ft in February to 0.0015 ft/ft in August of 2024. A comparison of the groundwater elevations from monitoring well pairs indicates that the wells completed in HZ-A exhibit different hydraulic heads from the wells completed in HZ-C. Near CWC, the potentiometric surface of the “confined” aquifer HZ-C averages approximately 6.51 ft higher than the potentiometric surface of the unconfined HZ-A, indicating an upward vertical gradient. The large difference in hydraulic head demonstrates that the HZ-A and HZ-C groundwater zones are distinct groundwater systems with limited hydraulic connection. This is supported by the lithologic data, which indicate that a highly impermeable clay (Subunit 3M of HZ-B) and silty clay (Subunit 3B of HZ-C) separates the HZ-A groundwater system from the underlying groundwater zones. The HZ-C potentiometric surfaces do not appear to be influenced by CWC (the creek’s thalweg is approximately 500 ft amsl) or by seasonal changes. These features are likely a result of the overlying clay layers limiting vertical groundwater movement.

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5.0 ENVIRONMENTAL QUALITY PROGRAM

5.1 PROGRAM OVERVIEW

The environmental quality program includes management of the quality assurance (QA)/QC programs, plans, and procedures governing environmental monitoring activities at all SLS and at subcontracted vendor laboratories. This section discusses the environmental monitoring standards of the FUSRAP and the goals for these programs, plans, and procedures.

The environmental quality program provides the FUSRAP with reliable, accurate, and precise monitoring data. The program furnishes guidance and directives to detect and prevent problems from the time a sample identification number is issued until the associated data are evaluated and reported.

Key elements in achieving the goals of this program are maintaining compliance with requirements; personnel training; compliance assessments; use of QA/QC samples; documentation of field activities and laboratory analyses; and a review of data to document precision, accuracy, and completeness.

General objectives are as follows:

- To provide data of sufficient quality and quantity to support ongoing remedial efforts, aid in defining potential COCs, meet the requirements of the EMG and the SAG, and support the ROD (USACE 1999a, 2000, 2005);
- To provide data of sufficient quality to meet applicable State of Missouri and federal concerns (e.g., reporting requirements); and
- To verify samples were collected using approved techniques and are representative of existing site conditions.

5.2 QUALITY ASSURANCE PROGRAM PLAN

The quality assurance program plan (QAPP) for activities performed at the NC Sites is described in Section 3.0 of the SAG. The QAPP provides the organization, objectives, functional activities, and specific QA/QC activities associated with investigations and sampling activities at the NC Sites.

QA/QC procedures are performed in accordance with applicable professional technical standards, USEPA requirements, government regulations and guidelines, and specific project goals and requirements. The QAPP was prepared in accordance with USEPA and USACE guidance documents, including *Interim Guidelines and Specifications for Preparing Quality Assurance Project Plans* (USEPA 1991), *EPA Requirements for Quality Assurance Project Plans for Environmental Data Operations* (USEPA 1994), and Engineer Manual (EM) 200-1-3, *Requirements for the Preparation of Sampling and Analysis Plans* (USACE 2001).

5.3 SAMPLING AND ANALYSIS GUIDE

The SAG summarizes standard operating procedures (SOPs) and data quality requirements for collecting and analyzing environmental data. The SAG integrates protocols and methodologies identified under various USACE and regulatory guidance. It describes administrative procedures for managing environmental data and governs sampling plan preparation, data review, evaluation and validation, database administration, and data archiving. The identified sampling and monitoring

structures are delineated in programmatic documents such as the EMG (USACE 1999a) for the NC Sites, which is an upper-tier companion document to the SAG (USACE 2000). The EMICY24 outlines the analyses to be performed at the NC Sites for various media (USACE 2023).

Flexibility to address non-periodic environmental sampling (e.g., specific studies regarding environmental impacts, well installations, and/or in-situ waste characterizations) was accomplished by the issuance of work descriptions. Environmental monitoring data obtained during these sampling activities were reported to the USEPA Region 7 on a quarterly basis in the Federal Facilities Agreement Progress Reports.

5.4 FIELD SAMPLE COLLECTION AND MEASUREMENT

Prior to beginning field sampling, field personnel were trained, as necessary, and participated in a project-specific readiness review. These activities were conducted to verify that standard procedures were followed in sample collection and completion of field logbooks, chain-of-custody forms, labels, and custody seals. Documentation of training and readiness were submitted to the project file.

The master field investigation documents are the site field logbooks. The primary purpose of these documents is to record daily field activities; personnel on each sampling team; and any administrative occurrences, conditions, or activities that may have affected the fieldwork or data quality of any environmental samples for a given day. Guidance for documenting specific types of field sampling activities in field logbooks or log sheets is provided in Appendix C of EM 200-1-3, *Requirements for the Preparation of Sampling and Analysis Plans* (USACE 2001).

At any point in the process of sample collection or data and document review, a non-conformance report may be initiated if non-conformances are identified (Leidos 2023). Data entered into the St. Louis FUSRAP database may be flagged accordingly.

5.5 PERFORMANCE AND SYSTEM AUDITS

Performance and system audits of both field and laboratory activities were conducted to verify that sampling and analysis activities were performed in accordance with the procedures established in the SAG and activity-specific work description or the EMICY24 (USACE 2023).

5.5.1 Field Assessments

Performance assessments (audit or surveillance) of field activities (sampling and measurements) are periodically conducted by the QA/QC Officer (or designee). Assessments could include an examination of field measurement and sampling records; field instrument calibration and operating records; sample collection, handling, documentation, and packaging procedures; and chain-of-custody forms. These assessments occur to verify compliance with procedural requirements (systems audit). If deficiencies are identified, additional assessments follow to verify that corrective actions are implemented.

External assessments may be conducted at the discretion of the USACE, the USEPA Region 7, or the State of Missouri.

5.5.2 Laboratory Audits

The onsite project laboratory locations are subject to periodic review(s) by the local USACE Chemist to demonstrate compliance with the *Department of Defense/Department of*

Energy Consolidated Quality Systems Manual for Environmental Laboratories (QSM) (DoD and DOE 2021). Accordingly, the onsite laboratories participate in blind, third-party performance evaluation studies (performance audits) at least twice per year, with results reported to the local USACE point(s) of contact. In addition, contract laboratories are required to be accredited under the DoD Environmental Laboratory Accreditation Program (ELAP). The DoD ELAP requires an annual audit and re-accreditation every 3 years. The annual ELAP audit was performed from September 24 through 26, 2024.

These system audits include examining laboratory documentation of sample receipt, sample log-in, sample storage, chain-of-custody procedures, sample preparation and analysis, and instrument operating records. Performance audits consist of USACE laboratories receiving performance evaluation samples from an outside vendor for an ongoing assessment of laboratory precision and accuracy. The analytical results of the analysis of performance evaluation samples are evaluated by the local USACE Chemist to verify that laboratories maintain acceptable performance.

Internal performance and system audits of laboratories were conducted by the Laboratory QA Manager as directed in the *Laboratory Quality Assurance Plan for the FUSRAP St. Louis Radioanalytical Laboratory* (USACE 2021). System audits included an examination of laboratory documentation of sample receipt, sample log-in, sample storage, chain-of-custody procedures, sample preparation and analysis, and instrument operating records against the requirements of the laboratory's SOPs. Internal performance audits were also conducted on a regular basis. Single-blind performance samples were prepared and submitted along with project samples to the laboratory for analysis. The Laboratory QA Manager evaluated the analytical results of these single-blind performance samples to verify that the laboratory maintained acceptable performance. Quarterly QA/QC reports were generated and provided to the local USACE authority; these reports document the ongoing QC elements and allow further monitoring of quality processes/status. In addition, quality plans and methodology follow the guidance presented in the QSM (DoD and DOE 2021).

5.6 SUBCONTRACTED LABORATORY PROGRAMS

All samples collected during environmental monitoring activities were analyzed by USACE-approved laboratories. QA samples collected for groundwater and sediment were analyzed by the designated USACE subcontractor laboratory. Each laboratory supporting this work maintained statements of qualifications including organizational structure, quality manual, and SOPs. Additionally, subcontracted laboratories were also required to be an accredited laboratory under the DoD ELAP.

Samples collected during these investigations were analyzed by the USEPA methods contained in *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW-846* (USEPA 1993) and by other documented USEPA or nationally recognized methods. Laboratory SOPs are based on the QSM [DoD and DOE 2021]).

5.7 QUALITY ASSURANCE AND QUALITY CONTROL SAMPLES

The QA and QC samples were analyzed for the purpose of assessing the quality of the sampling effort and the reported analytical data. The QA and QC samples include duplicate samples (–1) and split samples (–2). These QA and QC samples are used to measure accuracy and precision and are further described in the following sections. The equations utilized for accuracy and precision can be found in Section 5.9.

5.7.1 Duplicate Samples

These samples, which measure precision, were collected by the sampling teams and were submitted for analysis to the onsite project laboratory or contract laboratories. The purpose of these samples is to provide activity-specific, field-originated information regarding the homogeneity of the sampled matrix and the consistency of the sampling effort. These samples were collected concurrently with the primary environmental samples and equally represent the medium at a given time and location. Duplicate samples were collected from groundwater, surface water, and sediment and were submitted to the contracted laboratories for analysis. One duplicate sample was collected for approximately every 20 field samples of each matrix and analyte across the SLS. Precision is measured by the relative percent difference (RPD) for radiological and by non-radiological analyses or the normalized absolute difference (NAD) for radiological analyses.

The RPDs for non-radiological analyses are presented in Tables 5-1 and 5-2. The RPDs and NADs for radiological analyses are presented in Tables 5-3 through 5-5. The overall precision for CY 2024 environmental monitoring activities was acceptable. See Section 5.9 for the evaluation process.

Table 5-1. Non-Radiological Duplicate Sample Analysis for CY 2024 – Surface Water and Groundwater

Water Sample Name[a]	Antimony	Arsenic	Barium	Cadmium	Chromium
	RPD (%)[b]				
CWC275019 / CWC275019-1	2.99	0.00	2.15	NC	NC
CWC278640 / CWC278640-1	NC	26.87	14.63	NC	NC
HIS275674 / HIS275674-1	2.06	NC	2.15	**30.77**	NC
HIS277123 / HIS277123-1	16.67	NC	1.65	**34.48**	NC
SLA273518 / SLA273518-1	NC	NC	3.33	15.38	NC
SVP278700 / SVP278700-1	NC	NC	0.00	3.08	NC
Water Sample Name[a]	**Molybdenum**	**Nickel**	**Selenium**	**Thallium**	**Vanadium**
	RPD (%)[b]				
CWC275019 / CWC275019-1	2.50	10.00	15.38	NC	NC
CWC278640 / CWC278640-1	5.80	11.76	0.00	NC	NC
HIS275674 / HIS275674-1	0.00	NC	0.00	NC	NC
HIS277123 / HIS277123-1	3.39	0.00	6.45	NC	NC
SLA273518 / SLA273518-1	NC	5.71	6.25	NC	NC
SVP278700 / SVP278700-1	0.00	0.00	11.11	NC	NC

[a] Surface/groundwater samples ending in "-1" are duplicate surface/groundwater samples.
[b] RPD criterion for liquid samples is less than or equal to 30 percent.
NC – not calculated (due to one or both concentrations being below DLs)
Bold values exceed the control limits. Values not in bold are within control limits.

Table 5-2. Non-Radiological Duplicate Sample Analysis for CY 2024 – Sediment

Soil Sample Name[a]	Antimony	Arsenic	Barium	Cadmium	Chromium
	RPD (%)[b]				
CWC275020 / CWC275020-1	**58.06**	16.95	**157.72**	21.28	34.23
CWC278641 / CWC278641-1	19.05	31.58	**123.53**	**85.15**	**54.55**
Soil Sample Name[a]	**Molybdenum**	**Nickel**	**Selenium**	**Thallium**	**Vanadium**
	RPD (%)[b]				
CWC275020 / CWC275020-1	**79.37**	22.61	**58.06**	8.45	11.46
CWC278641 / CWC278641-1	40.00	39.63	17.39	NC	15.38

[a] Sediment samples ending in "-1" are duplicate sediment samples.
[b] RPD criterion for solid matrix samples is less than or equal to 50 percent.
Bold values exceed the control limits. Values not in bold are within control limits.

Table 5-3. Radiological Duplicate Sample Analysis for CY 2024 – Surface Water and Groundwater

Water Sample Name[a]	Ra-226		Ra-228		Th-228		Th-230	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275019 / CWC275019-1	NC	NA	*	*	NC	NA	37.35	0.43
CWC278640 / CWC278640-1	NC	NA	*	*	NC	NA	7.50	NA
HIS275674 / HIS275674-1	NC	NA	*	*	NC	NA	NC	NA
HIS277123 / HIS277123-1	NC	NA	*	*	NC	NA	15.29	NA
SLA273518 / SLA273518-1	NC	NA	*	*	NC	NA	69.64	1.01
SVP278700 / SVP278700-1	NC	NA	*	*	NC	NA	52.21	0.64
Water Sample Name[a]	**Th-232**		**U-234**		**U-235**		**U-238**	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275019 / CWC275019-1	NC	NA	23.53	NA	NC	NA	NC	NA
CWC278640 / CWC278640-1	NC	NA	29.48	NA	NC	NA	17.53	NA
HIS275674 / HIS275674-1	NC	NA	0.00	NA	NC	NA	6.55	NA
HIS277123 / HIS277123-1	NC	NA	15.19	NA	NC	NA	1.64	NA
SLA273518 / SLA273518-1	NC	NA	12.29	NA	1.93	NA	11.71	NA
SVP278700 / SVP278700-1	NC	NA	23.53	NA	NC	NA	52.00	0.80

[a] Surface/groundwater samples ending in "-1" are duplicate surface/groundwater samples.
[b] RPD criterion for liquid samples is less than or equal to 30 percent. If the RPD is greater than 30 percent, then the NAD shall be less than or equal to 1.96 to remain within the control limits.
Bold values exceed the control limits. Values not in bold are within control limits.
* Not calculated, because either parent or duplicate sample was not analyzed.
NA – not applicable (see RPD)
NC – not calculated (due to one or both concentrations being below MDCs)

Table 5-4. Radiological Duplicate Sample Alpha Analysis for CY 2024 – Sediment

Soil Sample Name[a]	Th-228		Th-230		Th-232	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275020 / CWC275020-1	39.63	NA	**161.62**	**5.16**	47.36	NA
CWC278641 / CWC278641-1	79.52	1.10	2.37	NA	40.10	NA

[a] Sediment samples ending in "-1" are duplicate sediment samples.
[b] RPD criterion for solid matrix samples is less than or equal to 50 percent. If the RPD is greater than 50 percent, then the NAD shall be less than or equal to 1.96 to remain within the control limits.
Bold values exceed the control limits. Values not in bold are within control limits.
NA – not applicable (see RPD)

Table 5-5. Radiological Duplicate Sample Gamma Analysis for CY 2024 – Sediment

Soil Sample Name[a]	Ac-227		Am-241		Cs-137		K-40	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275020 / CWC275020-1	NC	NA	NC	NA	NC	NA	0.97	NA
CWC278641 / CWC278641-1	NC	NA	NC	NA	NC	NA	11.05	NA
Soil Sample Name[a]	**Pa-231**		**Ra-226**		**Ra-228**		**Th-228**	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275020 / CWC275020-1	NC	NA	35.40	NA	8.41	NA	8.41	NA
CWC278641 / CWC278641-1	NC	NA	4.87	NA	14.35	NA	14.35	NA

Table 5-5. Radiological Duplicate Sample Gamma Analysis for CY 2024 – Sediment (Continued)

Soil Sample Name[a]	Th-230		Th-232		U-235		U-238	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275020 / CWC275020-1	NC	NA	8.41	NA	NC	NA	41.29	NA
CWC278641 / CWC278641-1	NC	NA	14.35	NA	NC	NA	23.11	NA

[a] Sediment samples ending in "-1" are duplicate sediment samples.
[b] RPD criterion for solid matrix samples is less than or equal to 50 percent. If the RPD is greater than 50 percent, then the NAD shall be less than or equal to 1.96 to remain within the control limits.
Am – americium, Cs – cesium
Bold values exceed the control limits. Values not in bold are within control limits.
NA – not applicable (see RPD)
NC – not calculated (due to one or both concentrations being below MDCs)

5.7.2 Split Samples

Split samples measure accuracy and were collected by the sampling team and sent to a USACE QA laboratory for analysis to provide an independent assessment of contractor and subcontractor laboratory performance. One split sample was collected for approximately every 20 groundwater, surface water, and sediment samples for non-radiological and for radiological analytes at the NC Sites.

The RPDs for non-radiological analyses are presented in Tables 5-6 and 5-7. The RPDs and NADs for radiological analyses are presented in Tables 5-8 through 5-10. The overall accuracy for the CY 2024 environmental monitoring activities was acceptable. See Section 5.9 for the evaluation process.

Table 5-6. Non-Radiological Split Sample Analysis for CY 2024 – Surface Water and Groundwater

Water Sample Name[a]	Antimony	Arsenic	Barium	Cadmium	Chromium
	RPD (%)[b]				
CWC275019 / CWC275019-2	18.67	10.00	3.21	NC	NC
CWC278640 / CWC278640-2	NC	3.39	14.63	NC	NC
HIS275674 / HIS275674-2	11.54	NC	2.15	NC	NC
HIS277123 / HIS277123-2	26.09	NC	5.04	NC	NC
SLA273518 / SLA273518-2	NC	NC	10.85	**39.02**	**78.07**
SVP278700 / SVP278700-2	NC	NC	6.45	19.72	NC
CWC275019 / CWC275019-2	5.19	27.03	22.22	NC	NC
CWC278640 / CWC278640-2	6.80	6.06	12.50	NC	NC
HIS275674 / HIS275674-2	4.88	NC	14.43	NC	NC
HIS277123 / HIS277123-2	5.13	**31.58**	13.33	NC	NC
SLA273518 / SLA273518-2	NC	18.18	1.01	NC	NC
SVP278700 / SVP278700-2	0.00	27.27	11.11	NC	NC

[a] Surface/groundwater samples ending in "-2" are split surface/groundwater samples.
[b] RPD criterion for liquid samples is less than or equal to 30 percent.
Bold values exceed the control limits. Values not in bold are within control limits.
NC – not calculated (due to one or both concentrations being below DLs)

Table 5-7. Non-Radiological Split Sample Analysis for CY 2024 – Sediment

Soil Sample Name[a]	Antimony	Arsenic	Barium	Cadmium	Chromium
	RPD (%)[b]				
CWC275020 / CWC275020-2	**77.78**	13.79	**114.75**	**121.50**	**106.12**
CWC278641 / CWC278641-2	13.95	14.63	**117.46**	**76.92**	15.38
Soil Sample Name[a]	**Molybdenum**	**Nickel**	**Selenium**	**Thallium**	**Vanadium**
	RPD (%)[b]				
CWC275020 / CWC275020-2	22.78	**98.51**	44.44	14.49	18.58
CWC278641 / CWC278641-2	30.77	**66.67**	36.62	NC	48.65

[a] Sediment samples ending in "-2" are split sediment samples.
[b] RPD criterion for solid matrix samples is less than or equal to 50 percent.
Bold values exceed the control limits. Values not in bold are within control limits.

Table 5-8. Radiological Split Sample Analysis for CY 2024 – Surface Water and Groundwater

Water Sample Name[a]	Ra-226		Ra-228		Th-228		Th-230	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275019 / CWC275019-2	NC	NA	*	*	NC	NA	NC	NA
CWC278640 / CWC278640-2	NC	NA	*	*	NC	NA	NC	NA
HIS275674 / HIS275674-2	NC	NA	*	*	NC	NA	NC	NA
HIS277123 / HIS277123-2	NC	NA	*	*	NC	NA	NC	NA
SLA273518 / SLA273518-2	NC	NA	*	*	NC	NA	NC	NA
SVP278700 / SVP278700-2	NC	NA	*	*	NC	NA	61.52	0.61
Water Sample Name[a]	**Th-232**		**U-234**		**U-235**		**U-238**	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275019 / CWC275019-2	NC	NA	91.81	0.97	NC	NA	NC	NA
CWC278640 / CWC278640-2	NC	NA	68.85	0.92	NC	NA	48.72	0.49
HIS275674 / HIS275674-2	NC	NA	8.71	NA	NC	NA	15.13	NA
HIS277123 / HIS277123-2	NC	NA	9.37	NA	NC	NA	2.30	NA
SLA273518 / SLA273518-2	NC	NA	**122.92**	**6.93**	**98.22**	**4.07**	**124.88**	**7.01**
SVP278700 / SVP278700-2	NC	NA	18.18	NA	NC	NA	25.84	NA

[a] Surface/groundwater samples ending in "-2" are split surface/groundwater samples.
[b] RPD criterion for liquid samples is less than or equal to 30 percent. If the RPD is greater than 30 percent, then the NAD shall be less than or equal to 1.96 to remain within the control limits.
Bold values exceed the control limits. Values not in bold are within control limits.
***** Not calculated, because either parent or split sample was not analyzed.
NA – not applicable (see RPD)
NC – not calculated (due to one or both concentrations being below MDCs)

Table 5-9. Radiological Split Sample Alpha Analysis for CY 2024 – Sediment

Soil Sample Name[a]	Th-228		Th-230		Th-232	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275020 / CWC275020-2	22.36	NA	**172.67**	**9.12**	22.83	NA
CWC278641 / CWC278641-2	4.76	NA	48.02	NA	12.78	NA

[a] Sediment samples ending in "-2" are split sediment samples.
[b] RPD criterion for solid matrix sample is less than or equal to 50 percent. If the RPD is greater than 50 percent, then the NAD shall be less than or equal to 1.96 to remain within the control limits.
Bold values exceed the control limits. Values not in bold are within control limits.
NA – not applicable (see RPD)

Table 5-10. Radiological Split Sample Gamma Analysis for CY 2024 – Sediment

Soil Sample Name[a]	Ac-227		Am-241		Cs-137		K-40	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275020 / CWC275020-2	NC	NA	NC	NA	NC	NA	16.22	NA
CWC278641 / CWC278641-2	NC	NA	NC	NA	NC	NA	2.17	NA
Soil Sample Name[a]	**Pa-231**		**Ra-226**		**Ra-228**		**Th-228**	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275020 / CWC275020-2	NC	NA	4.92	NA	41.18	NA	41.18	NA
CWC278641 / CWC278641-2	NC	NA	13.25	NA	68.18	1.38	68.18	1.38
Soil Sample Name[a]	**Th-230**		**Th-232**		**U-235**		**U-238**	
	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]	RPD (%)[b]	NAD[b]
CWC275020 / CWC275020-2	*	*	41.18	NA	NC	NA	NC	NA
CWC278641 / CWC278641-2	*	*	68.18	1.38	NC	NA	NC	NA

[a] Sediment samples ending in "-2" are split sediment samples.
[b] RPD criterion for solid matrix samples is less than or equal to 50 percent. If the RPD is greater than 50 percent, then the NAD shall be less than or equal to 1.96 to remain within the control limits.
* Not calculated, because either parent or split sample was not analyzed.
Bold values exceed the control limits. Values not in bold are within control limits.
NA – not applicable (see RPD)
NC – not calculated (due to one or both concentrations being below MDCs)

5.7.3 Equipment Rinsate Blanks

Equipment rinsate blank samples are typically taken from the rinsate water collected from equipment decontamination activities. These samples consist of analyte-free water that has been rinsed over sampling equipment for the purposes of evaluating the effectiveness of equipment decontamination. All of the monitoring wells have dedicated sampling equipment, rendering decontamination unnecessary. Because decontamination does not apply, equipment rinsate blanks were not employed.

Sediment samples from CWC are collected from each station using a clean sampling spoon. These spoons are segregated after use and decontaminated at the SLAPS field trailer according to Field Technical Procedure 400, "Equipment Decontamination" (Leidos 2015b). Because the process of collecting sediment occurs below the surface of the water, a rinsate blank would not represent the wetted surface of the sampling spoon at the time of sample collection and would therefore not apply. The CWC surface water samples are collected using new nitrile gloves and new laboratory sample containers. Equipment rinsate blanks for these samples are also not required, because no potential for contamination exists.

5.8 DATA REVIEW, EVALUATION, AND VALIDATION

All data packages received from the analytical laboratory were reviewed and either evaluated or validated by data management personnel. Data validation is the systematic process of ensuring that the precision and accuracy of the analytical data are adequate for their intended use. Validation was performed in accordance with *Data Verification and Validation* (Leidos 2020), and/or with project-specific guidelines. General chemical data quality management guidance found in Engineer Regulation 1110-1-263 (USACE 1998c) was also used when planning for chemical data management and evaluation. Additional details of data review, evaluation, and validation are provided in the *FUSRAP Laboratory Data Management Process for the St. Louis Site* (USACE 1999b). Data assessment guidance to determine the usability of data from hazardous, toxic, and radioactive waste projects is provided in EM 200-1-6 (USACE 1997).

One hundred (100) percent of the data generated from all analytical laboratories was independently reviewed and either evaluated and/or validated. The data review process documents the possible effects on the data from various QC failures; it does not determine data usability, nor does it include assignment of data validation qualifier (VQ) flags. The data evaluation process uses the results of the data review to determine the usability of the data. The process of data evaluation summarizes the potential effects of QA/QC failures on the data, and the USACE Chemist or USACE Health Physicist assesses their impact on the attainment of the project-specific data quality objectives (DQOs). Consistent with the data quality requirements, as defined in the DQOs, approximately 10 percent of all project data were validated.

5.9 PRECISION, ACCURACY, REPRESENTATIVENESS, COMPARABILITY, COMPLETENESS, AND SENSITIVITY

The data evaluation process considers precision, accuracy, representativeness, completeness, comparability, and sensitivity. This section provides detail to the particular parameters and how the data were evaluated for each, with discussion and tables to present the associated data. An evaluation of the overall precision, accuracy, representativeness, completeness, comparability, and sensitivity of the CY 2024 environmental monitoring activities was acceptable and complete.

Accuracy and precision can be measured by the RPD or the NAD using the following equations:

$$RPD = \left(\frac{[S - D]}{\frac{S+D}{2}} \right) x\ 100$$

$$NAD = \frac{|S - D|}{\sqrt{U_S^2 + U_D^2}}$$

where:

S = parent sample result
D = duplicate/split sample result
U_S = parent sample uncertainty
U_D = duplicate/split sample uncertainty
RPD has units of percent (%); NAD is unitless

The RPD is calculated for all samples for which a detectable result is reported for both the parent and the quality field split or field duplicate. For surface and groundwater radiological samples, when the RPD is greater than 30 percent, the NAD is used to determine the accuracy or precision of the method. NAD accounts for uncertainty in the results; RPD does not. The NAD should be equal to or less than a value of 1.96. The RPD criterion for sediment samples is equal to 50 percent. Neither equation is used when the analyte in one or both of the samples is not detected. In cases in which neither equation can be used, the comparison is counted as acceptable in the overall number of comparisons.

Precision is a measure of mutual agreement among individual measurements performed under the same laboratory controls. To evaluate for precision, a field duplicate is submitted to the same laboratory as the original sample to be analyzed under the same laboratory conditions.

The RPD and NAD between the two results was calculated and used as an indication of the precision of the analyses performed (Tables 5-1 through 5-5). Sample collection precision was measured in the laboratory by the analyses of duplicates. The overall precision for the CY 2024 environmental monitoring activities was acceptable.

Accuracy provides a gauge or measure of the agreement between an observed result and the true value for an analysis. The RPD and NAD between the two results was calculated and used as an indication of the accuracy of the analyses performed (Tables 5-6 through 5-10). For this EMDAR, accuracy is measured through the use of the field split samples through a comparison of the prime laboratory results versus the results of an independent laboratory. The overall accuracy for CY 2024 environmental monitoring activities was acceptable. The laboratory control sample (LCS) is also an indicator of accuracy, and all LCS recoveries were within the 25 percent criteria.

Representativeness expresses the degree to which data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, a process condition, or an environmental condition. Representativeness is a qualitative parameter that depends upon the proper design of the sampling program and proper laboratory protocols. Representativeness is satisfied through proper design of the sampling network, use of proper sampling techniques, following proper analytical procedures, and not exceeding holding times of the samples.

Representativeness was determined by assessing the combined aspects of the QA program, QC measures, and data evaluations. The network design was developed from the EMICY24, the sampling protocol from the SAG has been followed, and analytical procedures were conducted within the bounds of the QAPP. The overall representativeness of the CY 2024 environmental monitoring activities was acceptable.

Comparability expresses the confidence with which one dataset can be compared with another. The extent to which analytical data will be comparable depends upon the similarity of sampling and analytical methods, as well as sample-to-sample and historical comparability. Standardized and consistent procedures used to obtain analytical data are expected to provide comparable results. For example, post-CY 1997 analytical data may not be directly comparable to data collected before CY 1997, because of differences in DQOs. Additionally, some sample media (e.g., stormwater and radiological monitoring) have values that are primarily useful in the present, thus the comparison to historical data is not as relevant. However, the overall comparability of the applicable environmental monitoring data met the project DQOs.

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount expected to be obtained under normal conditions. Laboratories are expected to provide data meeting QC acceptance criteria for all samples tested. For the CY 2024 environmental monitoring activities, the data completeness was 100 percent (St. Louis FUSRAP DQO for completeness is 90 percent).

Sensitivity is the determination of minimum detectable concentration (MDC) values that allows the investigation to assess the relative confidence that can be placed in an analytical result in comparison to the magnitude or level of analyte concentration observed. For this EMDAR, MDC is a term generically used to represent both the method detection limit (MDL) for non-radiologicals and the minimum detectable activity (MDA) for radiological analytes. The closer a measured value to the MDC, the less confidence and more variation the measurement will have. Project sensitivity goals were expressed as quantitation level goals in the SAG. These levels were achieved or exceeded throughout the analytical process.

The MDC is reported for each result obtained by laboratory analysis. These very low MDCs are achieved through the use of gamma spectroscopy for all radionuclides of concern, with additional analyses from alpha spectroscopy for thorium and from inductively coupled plasma (ICP) for metals. Variations in MDCs for the same radiological analyte reflect variability in the detection efficiencies and conversion factors due to factors such as individual sample aliquot, sample

density, and variations in analyte background radioactivity for gamma and alpha spectroscopy at the laboratory. Variations in MDLs for the same non-radiological analyte reflect variability in calibrations between laboratories, dilutions, and analytical methods. In order to complete the data evaluation (i.e., precision, accuracy, representativeness, and comparability), analytical results that exceed the MDC of the analyte are desired.

5.10 DATA QUALITY ASSESSMENT SUMMARY

The overall quality of the data meets the established project objectives. Through proper implementation of the project data review, evaluation, validation, and assessment process, project information has been determined to be acceptable for use.

Data, as presented, have been qualified as usable, but estimated when necessary. Data that have been estimated have concentrations/activities that are below the quantitation limit or are indicative of accuracy, precision, or sensitivity less than desired but adequate for interpretation.

These data can withstand scientific scrutiny, are appropriate for the intended purpose, and are technically defensible. The environmental information presented has an established confidence, which allows utilization for the project objectives and provides data for future needs.

5.11 RESULTS FOR PARENT SAMPLES AND THE ASSOCIATED DUPLICATE AND SPLIT SAMPLES

Summaries of the parent sample results and associated duplicate and/or split sample results are presented in Tables 5-11 through 5-14.

Table 5-11. Non-Radiological Parent Samples and Associated Duplicate and Split Samples (Surface Water and Groundwater) for CY 2024

Water Sample Name[a]	Antimony			Arsenic			Barium			Cadmium			Chromium		
	Result (µg/L)	DL (µg/L)	VQ	Result (µg/L)	DL (µg/L)	VQ	Result (µg/L)	DL (µg/L)	VQ	Result (µg/L)	DL (µg/L)	VQ	Result (µg/L)	DL (µg/L)	VQ
CWC275019	0.34	0.29	=	2.10	1.60	=	92.00	0.69	=	0.06	0.06	U	1.30	1.30	U
CWC275019-1	0.33	0.29	=	2.10	1.60	=	94.00	0.69	=	0.06	0.06	U	1.30	1.30	U
CWC275019-2	0.41	0.40	=	1.90	0.50	=	95.00	0.38	=	0.19	0.19	U	1.50	0.50	J
CWC278640	1.10	1.10	U	2.90	1.60	=	95.00	0.69	=	0.20	0.20	UJ	1.30	1.30	U
CWC278640-1	1.10	1.10	U	3.80	1.60	=	110.00	0.69	=	0.20	0.20	UJ	1.40	1.30	=
CWC278640-2	0.40	0.40	U	3.00	0.50	=	110.00	0.38	=	0.19	0.19	U	0.62	0.50	=
HIS275674	0.49	0.29	=	1.60	1.60	U	46.00	0.69	=	0.15	0.06	=	1.30	1.30	U
HIS275674-1	0.48	0.29	=	1.60	1.60	U	47.00	0.69	=	0.11	0.06	=	1.30	1.30	U
HIS275674-2	0.55	0.40	=	0.50	0.50	U	47.00	0.38	=	0.19	0.19	U	0.50	0.50	U
HIS277123	1.30	0.29	=	1.60	1.60	U	61.00	0.69	=	0.17	0.06	=	1.30	1.30	U
HIS277123-1	1.10	0.29	=	1.60	1.60	U	60.00	0.69	=	0.12	0.06	=	1.30	1.30	U
HIS277123-2	1.00	0.40	=	0.50	0.50	U	58.00	0.38	=	0.19	0.19	U	0.50	0.50	U
SLA273518	0.29	0.29	U	1.60	1.60	U	61.00	0.69	=	0.49	0.06	=	1.30	1.30	=
SLA273518-1	0.29	0.29	U	1.60	1.60	U	59.00	0.69	=	0.42	0.06	=	1.30	1.30	U
SLA273518-2	0.40	0.40	U	0.50	0.50	U	68.00	0.38	=	0.33	0.19	=	0.57	0.50	=
SVP278700	1.10	1.10	U	1.60	1.60	U	150.00	0.69	=	0.32	0.20	=	1.30	1.30	U
SVP278700-1	1.10	1.10	U	1.60	1.60	U	150.00	0.69	=	0.33	0.20	=	1.30	1.30	U
SVP278700-2	0.40	0.40	U	0.50	0.50	U	160.00	0.38	=	0.39	0.19	=	0.50	0.50	U

Table 5-11. Non-Radiological Parent Samples and Associated Duplicate and Split Samples (Surface Water and Groundwater) for CY 2024 (Continued)

Water Sample Name[a]	Molybdenum			Nickel			Selenium			Thallium			Vanadium		
	Result (µg/L)	DL (µg/L)	VQ	Result (µg/L)	DL (µg/L)	VQ	Result (µg/L)	DL (µg/L)	VQ	Result (µg/L)	DL (µg/L)	VQ	Result (µg/L)	DL (µg/L)	VQ
CWC275019	7.90	2.00	=	2.10	0.89	=	1.20	0.67	=	0.38	0.38	U	4.00	4.00	U
CWC275019-1	8.10	2.00	=	1.90	0.89	=	1.40	0.67	=	0.38	0.38	U	4.00	4.00	U
CWC275019-2	7.50	0.37	=	1.60	0.83	=	1.50	1.00	=	0.21	0.21	U	2.20	1.10	=
CWC278640	7.10	0.53	=	1.60	0.89	=	1.70	0.67	=	0.38	0.38	UJ	4.00	4.00	U
CWC278640-1	6.70	0.53	=	1.80	0.89	=	1.70	0.67	=	0.38	0.38	UJ	4.00	4.00	U
CWC278640-2	7.60	0.37	=	1.70	0.83	=	1.50	1.00	=	0.21	0.21	U	1.90	1.10	=
HIS275674	21.00	2.00	=	0.89	0.89	U	52.00	0.67	=	0.38	0.38	U	4.00	4.00	U
HIS275674-1	21.00	2.00	=	0.89	0.89	U	52.00	0.67	=	0.38	0.38	U	4.00	4.00	U
HIS275674-2	20.00	0.37	=	0.83	0.83	U	45.00	1.00	=	0.21	0.21	U	1.10	1.10	U
HIS277123	60.00	2.00	=	2.20	0.89	=	16.00	0.67	=	0.38	0.38	U	4.00	4.00	U
HIS277123-1	58.00	2.00	=	2.20	0.89	=	15.00	0.67	=	0.38	0.38	U	4.00	4.00	U
HIS277123-2	57.00	0.37	=	1.60	0.83	=	14.00	1.00	=	0.21	0.21	U	1.10	1.10	U
SLA273518	2.00	2.00	U	1.80	0.89	=	99.00	0.67	=	0.38	0.38	U	4.00	4.00	U
SLA273518-1	2.00	2.00	U	1.70	0.89	=	93.00	0.67	=	0.38	0.38	U	4.00	4.00	U
SLA273518-2	0.48	0.37	=	1.50	0.83	=	100.00	1.00	=	0.21	0.21	U	1.10	1.10	U
SVP278700	2.30	0.53	=	2.50	0.89	=	1.70	0.67	=	0.38	0.38	U	4.00	4.00	U
SVP278700-1	2.30	0.53	=	2.50	0.89	=	1.90	0.67	=	0.38	0.38	U	4.00	4.00	U
SVP278700-2	2.30	0.37	=	1.90	0.83	=	1.90	1.00	=	0.21	0.21	U	1.50	1.10	=

[a] Samples ending in "-1" are duplicate samples. Samples ending in "-2" are split samples.

VQ symbols indicate: "=" for positively identified results, "J" analyte was identified as estimated quantity, and "U" for not detected.

Table 5-12. Non-Radiological Parent Samples and Associated Duplicate and Split Samples (Sediment) for CY 2024

Soil Sample Name[a]	Antimony			Arsenic			Barium			Cadmium			Chromium		
	Result (mg/kg)	DL (mg/kg)	VQ	Result (mg/kg)	DL (mg/kg)	VQ	Result (mg/kg)	DL (mg/kg)	VQ	Result (mg/kg)	DL (mg/kg)	VQ	Result (mg/kg)	DL (mg/kg)	VQ
CWC275020	0.11	0.08	=	2.70	0.13	=	130.00	0.15	=	0.21	0.02	=	9.20	0.32	=
CWC275020-1	0.20	0.08	=	3.20	0.14	=	1100.00	0.40	=	0.26	0.02	=	13.00	0.33	=
CWC275020-2	0.25	0.04	=	3.10	0.05	=	480.00	0.07	=	0.86	0.02	=	30.00	0.09	=
CWC278641	0.23	0.06	=	4.40	0.33	=	52.00	0.39	J	0.72	0.04	J	21.00	0.80	J
CWC278641-1	0.19	0.07	=	3.20	0.32	=	220.00	0.37	=	0.29	0.04	=	12.00	0.77	=
CWC278641-2	0.20	0.04	=	3.80	0.05	=	200.00	0.07	=	0.32	0.02	=	18.00	0.09	=
Soil Sample Name[a]	**Molybdenum**			**Nickel**			**Selenium**			**Thallium**			**Vanadium**		
	Result (mg/kg)	DL (mg/kg)	VQ	Result (mg/kg)	DL (mg/kg)	VQ	Result (mg/kg)	DL (mg/kg)	VQ	Result (mg/kg)	DL (mg/kg)	VQ	Result (mg/kg)	DL (mg/kg)	VQ
CWC275020	4.40	0.14	=	5.10	0.16	=	0.66	0.21	=	0.04	0.03	=	8.30	0.44	=
CWC275020-1	1.90	0.15	=	6.40	0.16	=	1.20	0.22	=	0.03	0.03	=	7.40	0.45	=
CWC275020-2	3.50	0.06	=	15.00	0.17	=	0.42	0.03	=	0.03	0.02	=	10.00	0.10	=
CWC278641	1.50	0.36	=	13.00	0.40	J	0.84	0.52	=	0.06	0.06	U	14.00	1.10	=
CWC278641-1	1.00	0.35	=	8.70	0.38	=	1.00	0.50	=	0.06	0.06	U	12.00	1.10	=
CWC278641-2	1.10	0.06	=	6.50	0.16	=	0.58	0.03	=	0.05	0.02	=	23.00	0.10	=

[a] Samples ending in "-1" are duplicate samples. Samples ending in "-2" are split samples.

VQ symbols indicate: "=" for positively identified results and "J" analyte was identified as estimated quantity.

Table 5-13. Radiological Parent Samples and Associated Duplicate and Split Samples (Surface Water and Groundwater) for CY 2024

Water Sample Name[a]	Ra-226[b]				Ra-228[b]				Th-228[b]				Th-230[b]			
	Result	Error	MDC	VQ	Result	Error	MDC	VQ	Result	Error	MDC	VQ	Result	Error	MDC	VQ
	(pCi/L)				(pCi/L)				(pCi/L)				(pCi/L)			
CWC275019	0.10	0.20	0.45	UJ	*	*	*	*	0.29	0.38	0.57	UJ	1.36	0.79	0.57	J
CWC275019-1	0.38	0.45	0.74	UJ	*	*	*	*	0.38	0.39	0.54	UJ	0.93	0.60	0.62	J
CWC275019-2	0.10	0.08	0.13	UJ	*	*	*	*	0.03	0.15	0.27	UJ	0.08	0.18	0.24	UJ
CWC278640	0.07	0.19	0.42	UJ	*	*	*	*	0.31	0.33	0.47	UJ	0.51	0.38	0.32	J
CWC278640-1	0.35	0.34	0.43	UJ	*	*	*	*	0.62	0.46	0.51	J	0.55	0.41	0.35	J
CWC278640-2	0.10	0.09	0.14	UJ	*	*	*	*	0.10	0.17	0.26	UJ	0.10	0.20	0.27	UJ
HIS275674	0.19	0.48	1.20	UJ	*	*	*	*	0.35	0.34	0.39	UJ	0.44	0.39	0.54	UJ
HIS275674-1	0.00	0.27	0.93	UJ	*	*	*	*	0.66	0.46	0.40	J	0.98	0.58	0.56	J
HIS275674-2	0.23	0.10	0.11	=	*	*	*	*	0.00	0.18	0.35	UJ	-0.12	0.15	0.29	UJ
HIS277123	0.25	0.40	0.72	UJ	*	*	*	*	0.18	0.25	0.39	UJ	0.85	0.52	0.44	J
HIS277123-1	0.00	0.17	0.47	UJ	*	*	*	*	0.25	0.30	0.41	UJ	0.73	0.49	0.46	J
HIS277123-2	0.12	0.07	0.09	J	*	*	*	*	-0.03	0.13	0.25	UJ	0.14	0.19	0.24	UJ
SLA273518	0.25	0.29	0.48	UJ	*	*	*	*	0.18	0.25	0.48	UJ	0.73	0.45	0.45	J
SLA273518-1	0.15	0.26	0.55	UJ	*	*	*	*	1.11	0.56	0.55	=	1.51	0.63	0.44	J
SLA273518-2	0.02	0.14	0.26	UJ	*	*	*	*	-0.01	0.13	0.25	UJ	0.25	0.21	0.25	UJ
SVP278700	0.11	0.21	0.40	UJ	*	*	*	*	0.11	0.27	0.53	UJ	0.63	0.43	0.42	J
SVP278700-1	0.06	0.19	0.41	UJ	*	*	*		0.28	0.35	0.56	UJ	1.07	0.55	0.40	J
SVP278700-2	0.08	0.12	0.20	UJ	*	*	*	*	0.20	0.19	0.27	UJ	0.33	0.23	0.27	J

Table 5-13. Radiological Parent Samples and Associated Duplicate and Split Samples (Surface Water and Groundwater) for CY 2024 (Continued)

Water Sample Name[a]	Th-232[b]				U-234[b]				U-235[b]				U-238[b]			
	Result	Error	MDC	VQ	Result	Error	MDC	VQ	Result	Error	MDC	VQ	Result	Error	MDC	VQ
	(pCi/L)				(pCi/L)				(pCi/L)				(pCi/L)			
CWC275019	0.21	0.37	0.79	UJ	1.23	0.78	0.61	J	0.00	0.40	1.04	UJ	0.40	0.47	0.73	UJ
CWC275019-1	-0.02	0.17	0.45	UJ	0.97	0.62	0.65	J	0.11	0.31	0.80	UJ	0.35	0.40	0.65	UJ
CWC275019-2	-0.02	0.03	0.12	UJ	0.46	0.20	0.16	=	0.02	0.07	0.15	UJ	0.41	0.18	0.12	=
CWC278640	0.05	0.14	0.32	UJ	1.23	0.65	0.45	J	0.10	0.28	0.62	UJ	0.63	0.48	0.50	J
CWC278640-1	0.07	0.20	0.45	UJ	0.91	0.56	0.48	J	-0.02	0.19	0.46	UJ	0.53	0.43	0.48	J
CWC278640-2	0.01	0.05	0.12	UJ	0.60	0.22	0.11	=	-0.01	0.02	0.13	UJ	0.39	0.18	0.12	=
HIS275674	0.06	0.15	0.39	UJ	10.30	2.10	0.58	=	0.10	0.27	0.71	UJ	9.74	2.03	0.41	=
HIS275674-1	0.08	0.21	0.55	UJ	10.30	2.12	0.58	=	0.46	0.44	0.52	UJ	10.40	2.12	0.42	=
HIS275674-2	0.00	0.05	0.14	UJ	9.44	1.19	0.13	=	0.43	0.22	0.15	J	8.37	1.09	0.10	=
HIS277123	0.28	0.32	0.44	UJ	5.03	1.25	0.41	=	0.12	0.23	0.45	UJ	3.08	0.95	0.40	=
HIS277123-1	0.04	0.15	0.41	UJ	4.32	1.12	0.35	=	0.13	0.22	0.37	UJ	3.03	0.92	0.39	=
HIS277123-2	-0.01	0.02	0.10	UJ	4.58	0.68	0.08	=	0.19	0.13	0.06	J	3.01	0.52	0.05	=
SLA273518	0.12	0.21	0.45	UJ	817.00	87.70	0.50	J	41.90	5.99	0.71	J	852.00	91.40	0.58	J
SLA273518-1	0.03	0.13	0.38	UJ	924.00	119.00	0.94	=	41.10	7.31	1.16	=	958.00	124.00	0.82	=
SLA273518-2	0.02	0.06	0.11	UJ	195.00	19.00	0.85	=	14.30	3.17	0.83	=	197.00	19.20	0.74	=
SVP278700	0.13	0.22	0.39	UJ	1.50	0.66	0.37	=	0.06	0.17	0.40	UJ	1.11	0.56	0.32	J
SVP278700-1	0.00	0.18	0.40	UJ	1.90	0.80	0.44	=	-0.05	0.20	0.54	UJ	1.89	0.80	0.43	=
SVP278700-2	-0.01	0.05	0.14	UJ	1.25	0.32	0.09	=	0.09	0.09	0.07	UJ	0.86	0.26	0.11	=

[a] Samples ending in "-1" are duplicate samples. Samples ending in "-2" are split samples.
[b] Negative results are less than the laboratory system's background level.
* Not available, because sample was not analyzed.
VQ symbols indicate: "=" for positively identified results, "J" analyte was identified as estimated quantity, and "UJ" analyte was not detected and had QC deficiencies.

Table 5-14. Radiological Parent Samples and Associated Duplicate and Split Samples (Sediment) for CY 2024

Soil Sample Name[a]	Th-228[b]				Th-230[b]				Th-232[b]			
	Result	Error	MDC	VQ	Result	Error	MDC	VQ	Result	Error	MDC	VQ
	(pCi/g)				(pCi/g)				(pCi/g)			
CWC275020	0.43	0.28	0.30	J	1.21	0.47	0.30	J	0.53	0.30	0.24	J
CWC275020-1	0.64	0.33	0.24	J	11.40	1.92	0.29	=	0.85	0.39	0.29	=
CWC275020-2	0.54	0.17	0.16	=	16.50	1.61	0.15	J	0.42	0.14	0.07	=
CWC278641	0.33	0.22	0.22	J	1.25	0.44	0.19	J	0.33	0.22	0.16	J
CWC278641-1	0.76	0.33	0.18	=	1.28	0.43	0.20	J	0.50	0.26	0.20	J
CWC278641-2	0.34	0.14	0.14	=	0.77	0.20	0.13	=	0.29	0.11	0.06	=
Soil Sample Name[a]	Ac-227				Am-241				Cs-137			
	Result	Error	MDC	VQ	Result	Error	MDC	VQ	Result	Error	MDC	VQ
	(pCi/g)				(pCi/g)				(pCi/g)			
CWC275020	0.03	0.13	0.23	UJ	0.01	0.02	0.04	UJ	-0.01	0.01	0.02	UJ
CWC275020-1	0.12	0.05	0.12	=	0.01	0.03	0.04	UJ	-0.01	0.01	0.02	UJ
CWC275020-2	0.17	0.41	0.83	UJ	-0.07	0.23	0.38	UJ	0.02	0.06	0.10	UJ
CWC278641	0.00	0.10	0.18	UJ	0.00	0.02	0.04	UJ	-0.01	0.01	0.02	UJ
CWC278641-1	-0.10	0.11	0.17	UJ	0.01	0.02	0.04	UJ	-0.01	0.01	0.02	UJ
CWC278641-2	0.12	0.31	0.78	UJ	-0.01	0.15	0.21	UJ	0.01	0.10	0.15	UJ
Soil Sample Name[a]	K-40				Pa-231				Ra-226			
	Result	Error	MDC	VQ	Result	Error	MDC	VQ	Result	Error	MDC	VQ
	(pCi/g)				(pCi/g)				(pCi/g)			
CWC275020	10.40	1.40	0.23	=	0.43	0.49	0.86	UJ	0.87	0.23	0.05	=
CWC275020-1	10.30	1.39	0.21	=	0.34	0.52	0.90	UJ	1.25	0.32	0.05	=
CWC275020-2	8.84	1.75	0.70	=	0.95	2.47	7.82	UJ	0.83	0.20	0.14	=
CWC278641	9.58	1.26	0.17	=	0.06	0.41	0.71	UJ	0.90	0.23	0.05	=
CWC278641-1	10.70	1.40	0.17	=	-0.12	0.43	0.71	UJ	0.95	0.24	0.05	=
CWC278641-2	9.79	2.05	1.22	=	0.00	2.83	4.75	UJ	0.79	0.19	0.13	=
Soil Sample Name[a]	Ra-228				Th-228				Th-230			
	Result	Error	MDC	VQ	Result	Error	MDC	VQ	Result	Error	MDC	VQ
	(pCi/g)				(pCi/g)				(pCi/g)			
CWC275020	0.32	0.05	0.05	=	0.32	0.05	0.05	=	1.40	2.38	4.02	UJ
CWC275020-1	0.30	0.05	0.05	=	0.30	0.05	0.05	=	7.07	2.75	4.03	=
CWC275020-2	0.49	0.23	0.28	J	*	*	*	*	*	*	*	*
CWC278641	0.29	0.04	0.04	J	0.29	0.04	0.04	J	1.78	2.23	3.78	UJ
CWC278641-1	0.34	0.05	0.04	=	0.34	0.05	0.04	=	2.31	2.23	3.81	UJ
CWC278641-2	0.59	0.21	0.27	J	*	*	*	*	*	*	*	*
Soil Sample Name[a]	Th-232				U-235				U-238			
	Result	Error	MDC	VQ	Result	Error	MDC	VQ	Result	Error	MDC	VQ
	(pCi/g)				(pCi/g)				(pCi/g)			
CWC275020	0.32	0.05	0.05	=	-0.01	0.15	0.25	UJ	0.60	0.12	0.26	=
CWC275020-1	0.30	0.05	0.05	=	0.00	0.16	0.28	UJ	0.39	0.10	0.27	=
CWC275020-2	0.49	0.23	0.28	J	0.15	0.43	0.75	UJ	0.99	1.02	3.70	UJ
CWC278641	0.29	0.04	0.04	J	0.09	0.14	0.24	UJ	0.76	0.13	0.26	=
CWC278641-1	0.34	0.05	0.04	=	-0.02	0.14	0.24	UJ	0.60	0.11	0.26	=
CWC278641-2	0.59	0.21	0.27	J	0.15	0.32	0.64	UJ	0.76	0.54	0.83	UJ

[a] Samples ending in "-1" are duplicate samples. Samples ending in "-2" are split samples.
[b] Results from alpha spectroscopy.
* Not available, because sample was not analyzed.
VQ symbols indicate: "=" for positively identified results, "J" analyte was identified as estimated quantity, and "UJ" analyte was not detected and had QC deficiencies

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6.0 RADIOLOGICAL DOSE ASSESSMENT

This section evaluates the cumulative dose to a hypothetically impacted individual from exposure to radiological contaminants at the NC Sites and documents dose trends. The regulatory dose limit for members of the public is 100 mrem per year, as stated in 10 *CFR* 20.1301. Although 10 *CFR* 20.1301 is not an ARAR for the NC Sites, the USACE has provided this evaluation to assess public exposures from St. Louis FUSRAP cleanup operations. Compliance with the dose limit in §20.1301 can be demonstrated in one of the two following methods (§20.1302(b)(1) and (2)):

1. Demonstrating by measurement or calculation that the TEDE to the individual likely to receive the highest dose from FUSRAP cleanup operations at the NC Sites does not exceed the annual dose limit (i.e., 100 mrem per year); or
2. Demonstrating that: (*i*) the annual average concentration of radioactive material released in gaseous and liquid effluents at the boundary of the unrestricted area does not exceed the values specified in Table 2 of Appendix B to 10 *CFR* 20; and (*ii*) if an individual were continuously present in an unrestricted area, the dose from external sources would not exceed 2 mrem per hour.

The USACE has elected to demonstrate compliance by calculation of the TEDE to a hypothetical individual likely to receive the highest dose from FUSRAP cleanup operations at the NC Sites (method 1). This section describes the methodology employed for this evaluation.

Dose calculations are presented for hypothetical maximally exposed individuals at the Latty Avenue Properties, the SLAPS, the SLAPS VPs, and CWC. The monitoring data used in the dose calculations are reported in the respective environmental monitoring sections of this EMDAR.

Dose calculations related to airborne emissions, as required by 40 *CFR* 61, Subpart I, *National Emission Standards for Emissions of Radionuclides Other Than Radon From Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Not Covered By Subpart H,* are presented in Appendix B (the "North St. Louis County FUSRAP Sites 2024 Radionuclide Emissions NESHAP Report Submitted in Accordance with Requirements of 40 *CFR* 61, Subpart I").

6.1 SUMMARY OF ASSESSMENT RESULTS AND DOSE TRENDS

In 2017, a small area was identified along the railroad tracks on VP-40A where the external radiation levels are slightly above background levels. This area is currently classified as inaccessible and is known to have radiological contamination exceeding ROD RGs. However, the average external gamma radiation levels at this location do not exceed the ROD monitoring threshold of 20 µR per hour. As a best management practice (BMP), air monitoring at this location was initiated for external gamma and radon.

The TEDE from Latty Avenue Properties to a hypothetical maximally exposed individual from all complete/applicable pathways combined was calculated to be approximately 5.4 mrem per year, estimated for an individual who works full time at a location approximately 50 m east of VP-40A on the Futura property.

The TEDE from the SLAPS to a hypothetical maximally exposed individual from all complete/applicable pathways combined was 2.0 mrem per year, estimated for an individual who works full time at a location approximately 200 m west-northwest from the center of the SLAPS Loadout area. Because of the proximity of the IA-09 Ballfields excavation area, the dose

from airborne particulates modeled from the IA-09 Ballfields excavation area is included for the business receptor located 200 m east-southeast of the IA-09 Ballfields excavation area.

The TEDE from the SLAPS VPs to a hypothetical maximally exposed individual from all complete/applicable pathways combined was 3.1 mrem per year, estimated for a resident who lives full time at a location approximately 50 m east of the CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) excavation areas.

The TEDE from CWC to a hypothetical maximally exposed individual from all complete/applicable pathways combined was less than 0.2 mrem per year, estimated for a resident youth (10-year-old child) spending time as a recreational user of CWC.

Annual dose trends from CY 2000 to CY 2024 at applicable NC Sites are documented on Figure 6-1. A comparison of the maximum annual dose from CY 2000 to CY 2024 at each of the applicable NC Sites to the annual average natural background dose of approximately 620 mrem per year is provided on Figure 6-2.

6.2 PATHWAY ANALYSIS

The six complete pathways for exposure to NC Site radiological contaminants evaluated by the St. Louis FUSRAP EMP are listed in Table 6-1. These pathways are used to identify data gaps in the EMP and to estimate potential radiological exposures from the site. Of the six complete pathways, four were applicable in CY 2024 and were thus incorporated into radiological dose estimates.

Table 6-1. Complete Radiological Exposure Pathways

Exposure Pathway	Pathway Description	Applicable to CY 2024 Dose Estimate	
		NC Sites	CWC
Liquid A	Ingestion of groundwater from local wells down-gradient from the site.	NA	NA
Liquid B	Ingestion of fish inhabiting CWC.	NC	NA
Liquid C	Ingestion of surface water[a] and sediments.	NC	Y[b]
Airborne A	Inhalation of particulates dispersed through wind erosion and RAs.	Y	NC
Airborne B	Inhalation of Rn-222 and decay products emitted from contaminated soils/wastes.	Y	NC
External	Direct gamma radiation from contaminated soils/wastes.	Y	NA

[a] Surface water includes stormwater run-off from NC Sites, MSD discharges, and the water in CWC.

[b] The pathway is only applicable to a recreational receptor (youth) exposed to contaminants present in CWC water and sediments. Data from NC Sites stormwater discharges and MSD discharges are not applicable to the hypothetical recreational receptor; therefore, those data are not evaluated in this section.

NA – not applicable for the site
NC – not a complete pathway for the respective site
Y – applicable for the site

In developing specific elements of the St. Louis FUSRAP EMP, potential exposure pathways of the radioactive materials present on site are reviewed to determine which pathways are complete. Evaluation of each exposure pathway is based on hypothetical sources, release mechanisms, types, probable environmental fates of contaminants, and the locations and activities of potential receptors. Pathways are then reviewed to determine whether a link exists between one or more radiological contaminant sources, or between one or more environmental transport processes, to an exposure point at which human receptors are present. If a link exists, the pathway is termed complete. Each complete pathway was reviewed to determine if a potential for exposure was

present in CY 2024. If a potential for exposure was possible, the pathway is termed applicable. Only applicable pathways are considered in estimates of dose.

The pathways applicable to the CY 2024 dose estimates for NC Sites, including CWC, are shown in Table 6-1. The incomplete pathways were not considered in the dose assessment and are only listed in Table 6-1 because they were complete for at least one receptor location. The pathways listed as not applicable were listed as such in CY 2024 for the following reasons.

- Liquid A is not applicable, because the aquifer is of naturally low quality and is not known to be used for any domestic purpose in the vicinity of the NC Sites (DOE 1994).
- Liquid B is not applicable at CWC or for the SLAPS transient receptor, because the receptor would be unlikely to catch and eat a game fish. A survey was conducted, and 97 percent of the fish collected at CWC during the survey were fathead minnows (Parker and Szlemp 1987).
- The dose equivalent from CWC to the receptor from contaminants in the water/sediment was estimated using the Microshield Version 5.03 computer-modeling program. The scenario used was a youth playing in the creek bed (1 ft of water shielding and dry) for 52 hours per year. The highest estimated whole-body dose to the youth was 0.3 microrem per year. The gamma dose rate emitted from the contaminants is indistinguishable from background gamma radiation. Therefore, the external gamma pathway (from contaminants in the creek water/sediment) is not applicable for the CWC receptor.

6.3 EXPOSURE SCENARIOS

Dose calculations were performed for maximally exposed individuals at critical receptor locations for applicable exposure pathways (see Table 6-1) to assess dose due to radiological releases from the NC Sites. First, conditions were set to determine the TEDE to a maximally exposed individual at each of the main site locations on which excavation and loadout activities occurred (i.e., the Latty Avenue Properties, the SLAPS, and the SLAPS VPs). A second dose equivalent for CWC was calculated. A third set of dose equivalent calculations was performed to meet NESHAP requirements (Appendix B). These dose equivalent calculations were also used for purposes of TEDE calculation.

The scenarios and models used to evaluate these radiological exposures are conservative but appropriate. Although radiation doses can be calculated or measured for individuals, it is not appropriate to predict the health risk to a single individual using the methods prescribed herein. Dose equivalents to a single individual are estimated by hypothesizing a maximally exposed individual and placing this individual in a reasonable but conservative scenario. This method is acceptable when the magnitude of the dose to a hypothetical maximally exposed individual is small, as is the case for the NC Sites. This methodology provides for reasonable estimates of potential exposure to the public and maintains a conservative approach. The scenarios and resulting estimated doses are outlined in Section 6.4.

All ingestion calculations were performed using the methodology described in International Commission on Radiation Protection (ICRP) Reports 26 and 30 for a 50-year committed effective dose equivalent (CEDE). The 50-year CEDE conversion factors were obtained from *Federal Guidance Report 11: Limiting Values of Radionuclide Intake and Air Concentration and Dose Conversion Factors for Inhalation, Submersion and Ingestion* (USEPA 1989a) and *Calculation of Slope Factors and Dose Coefficients* (ORNL 2014).

6.4 DETERMINATION OF TOTAL EFFECTIVE DOSE EQUIVALENT FOR EXPOSURE SCENARIOS

The TEDE for the exposure scenarios was calculated using CY 2024 monitoring data. Calculations for dose scenarios are provided in Appendix I. Dose equivalent estimates are well below the standards set by the NRC for annual public exposure and the USEPA NESHAP limits.

The CY 2024 TEDE for a hypothetical maximally exposed individual near the Latty Avenue Properties, the SLAPS, the SLAPS VPs, and CWC is 5.4 mrem per year, 2.0 mrem per year, 3.1 mrem per year, and 0.2 mrem per year, respectively. In comparison, the annual average exposure to natural background radiation in the United States results in a TEDE of approximately 620 mrem per year (NCRP 2009). Assumptions are detailed in the following sections.

6.4.1 Radiation Dose Equivalent from the Latty Avenue Properties to a Maximally Exposed Individual

The Latty Avenue Properties contributing to dose include the monitored area on Futura/VP-40A in CY 2024. This section discusses the estimated TEDE to a hypothetical maximally exposed individual assumed to be located approximately 50 m east from the area identified as having the highest external gamma radiation level on Futura/VP-40A. No private residences are adjacent to the site. Therefore, all calculations of dose equivalent due to the applicable pathway assume a realistic residence time that is less than 100 percent. A full-time-employee business receptor was considered the maximally exposed individual for the Latty Avenue Properties.

The exposure scenario assumptions are as follows.

- Exposure to external gamma radiation and radon from Futura/VP-40A sources occurs to the maximally exposed individual while working full time outside at the receptor location (i.e., Futura) located approximately 50 m east from the area identified as having the highest external gamma level on Futura/VP-40A Exposure time is 2,000 hours per year (Leidos 2025b).
- Exposure from external gamma radiation was calculated using environmental EDD monitoring data at the perimeter between the source and the receptor. The site is assumed to represent a line-source to the receptor (Leidos 2025b).
- Exposure from airborne radioactive particulates, if applicable, from Futura/VP-40A was calculated by using soil concentration data and air particulate monitoring data to determine a source term and then running the CAP88-PC computer code to calculate dose to the receptor from active excavations (Leidos 2025b).
- Exposure from Rn-222 (and decay chain isotopes) was calculated using a dispersion factor and Rn-222 (ATD) monitoring data at the site perimeter between the source and the receptor (Leidos 2025b).

Based on the exposure scenario and assumptions described previously, a maximally exposed individual working outside at the Futura facility located 50 m east from the monitored area on Futura/VP-40A identified as having the highest external gamma level would have received less than 0.1 mrem per year from external gamma, negligible dose from airborne radioactive particulates, and 5.3 mrem per year from Rn-222, for a TEDE of 5.4 mrem per year (Leidos 2025b).

6.4.2 Radiation Dose Equivalent from the St. Louis Airport Site to a Maximally Exposed Individual

The SLAPS area contributing to dose (i.e., those areas at which waste handling activities occurred in CY 2024) is the SLAPS Loadout area. This section discusses the estimated TEDE to a hypothetical maximally exposed individual assumed to be located approximately 200 m west-northwest from the center of the SLAPS Loadout area and to receive a radiation dose by the exposure pathways identified previously. Because of the proximity of the IA-09 Ballfields and James S McDonnell Boulevard excavation areas, the doses from airborne particulates modeled from these excavation areas are included for the business receptor. No private residences are adjacent to the site. Therefore, all calculations of dose equivalence due to the applicable pathways assume a realistic residence time that is less than 100 percent. A full-time-employee business receptor was considered the maximally exposed individual for the SLAPS.

The exposure scenario assumptions are as follows.

- Exposure to radiation from all SLAPS sources occurs to the maximally exposed individual while working full time outside at the receptor location facility located approximately 200 m west-northwest from the center of the SLAPS Loadout area, 200 m east-southeast of the IA-09 Ballfields, 175 m south of the IA-09 SSA, and 400 m west of the James S McDonnell Boulevard excavation areas. Exposure time is 2,000 hours per year (Leidos 2025c).
- Exposure from external gamma radiation was calculated using environmental EDD monitoring data at the perimeter between the source and the receptor. The site is assumed to represent a line-source to the receptor (Leidos 2025c).
- Exposure from airborne radioactive particulates was calculated using soil concentration data and air particulate monitoring data to determine a source term and then running the CAP88-PC computer code to calculate dose to the receptor (Leidos 2025c).
- Exposure from Rn-222 (and decay chain isotopes) was calculated using ATD monitoring data at the site locations representative of areas accessible to the public between the source and the receptor (Leidos 2025c).

Based on the exposure scenario and assumptions described previously, a maximally exposed individual working outside at the receptor facility 200 m west-northwest from the center of the SLAPS Loadout area, 200 m east-southeast of the IA-09 Ballfields, 175 m south of the IA-09 SSA, and 400 m west of the James S McDonnell Boulevard excavation areas would have received 0.5 mrem per year from external gamma, an 1.3 mrem per year from airborne radioactive particulates, and 0.2 mrem per year from Rn-222, for a TEDE of 2.0 mrem per year (Leidos 2025c).

6.4.3 Radiation Dose Equivalent from the St. Louis Airport Site Vicinity Properties to a Maximally Exposed Individual

The SLAPS VPs contributing to dose (i.e., those properties at which RA occurred in CY 2024) include the following: CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC); James S McDonnell Boulevard; Pershall Road, VP-56; and the IA-09 Ballfields. This section discusses the estimated TEDE to a hypothetical maximally exposed individual assumed to frequent the perimeter of the SLAPS VPs and to receive a radiation dose by the exposure pathways identified previously. Because radiation dose due to radon and external gamma radiation are considered negligible at the SLAPS VPs, the estimated TEDE only includes dose

from exposure to airborne radioactive particulates that are assumed to be released during active excavations. A private residence located approximately 50 m east of the CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) excavation areas had the highest TEDE for all SLAPS VPs; therefore, a residential receptor was considered the maximally exposed individual for the SLAPS VPs.

The exposure scenario assumptions are as follows.

- Exposure to radiation from all SLAPS VP sources occurs to the maximally exposed individual while living full time at the residence receptor location located approximately 50 m east of the CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) excavation areas. Exposure time is 8,760 hours per year (Leidos 2025c).
- Exposure from airborne radioactive particulates was calculated using soil concentration data and air particulate monitoring data to determine a source term and then running the CAP88-PC modeling code to calculate dose to the receptor (Leidos 2025c).

Based on the exposure scenario and assumptions described previously, a maximally exposed individual living at the residence receptor location 50 m east of the CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) excavation areas would have received 3.1 mrem per year from airborne radioactive particulates for a TEDE of 3.1 mrem per year (Leidos 2025c).

6.4.4 Radiation Dose Equivalent from Coldwater Creek to a Maximally Exposed Individual

This section describes the estimated TEDE to a hypothetical maximally exposed individual assumed to frequent CWC and receive a radiation dose by the exposure pathways identified previously. The assumed scenario is for a recreational user. Therefore, all calculations of dose equivalent due to the applicable pathway assume a realistic residence time that is less than 100 percent. A youth spending time as a recreational user of CWC is considered the maximally exposed individual for CWC.

The exposure scenario assumptions are as follows.

- The youth spends 2 hours at CWC during each visit, and visits once every 2 weeks. It is likely that this activity would be greater in summer and less in winter, but the yearly average is 26 visits (Leidos 2025d).
- The soil/sediment ingestion rate is 50 mg per day, and the water ingestion rate is 2 L per day (USEPA 1989b; Leidos 2025d).
- The UCL_{95} of the mean radionuclide concentrations in CWC surface water/sediment samples collected in CY 2024 were assumed to be present in the water/sediment ingested by the maximally exposed individual (Leidos 2025d).
- Dose equivalent conversion factors for ingestion (for a 10-year-old child) are as follows: total U, 2.63E-04 mrem/pCi; Ra-226, 2.97E-03 mrem/pCi; Ra-228, 1.45E-02 mrem/pCi; Th-228, 5.07E-04 mrem/pCi; Th-230, 9.10E-04 mrem/pCi; and Th-232, 1.07E-03 mrem/pCi (ORNL 2014; Leidos 2025d).

Based on the exposure scenario and assumptions described herein, a maximally exposed individual using CWC for recreational purposes would have received less than 0.1 mrem per year from soil/sediment ingestion and 0.1 mrem per year from water ingestion, for a TEDE of approximately 0.2 mrem per year (Leidos 2025d).

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FIGURES

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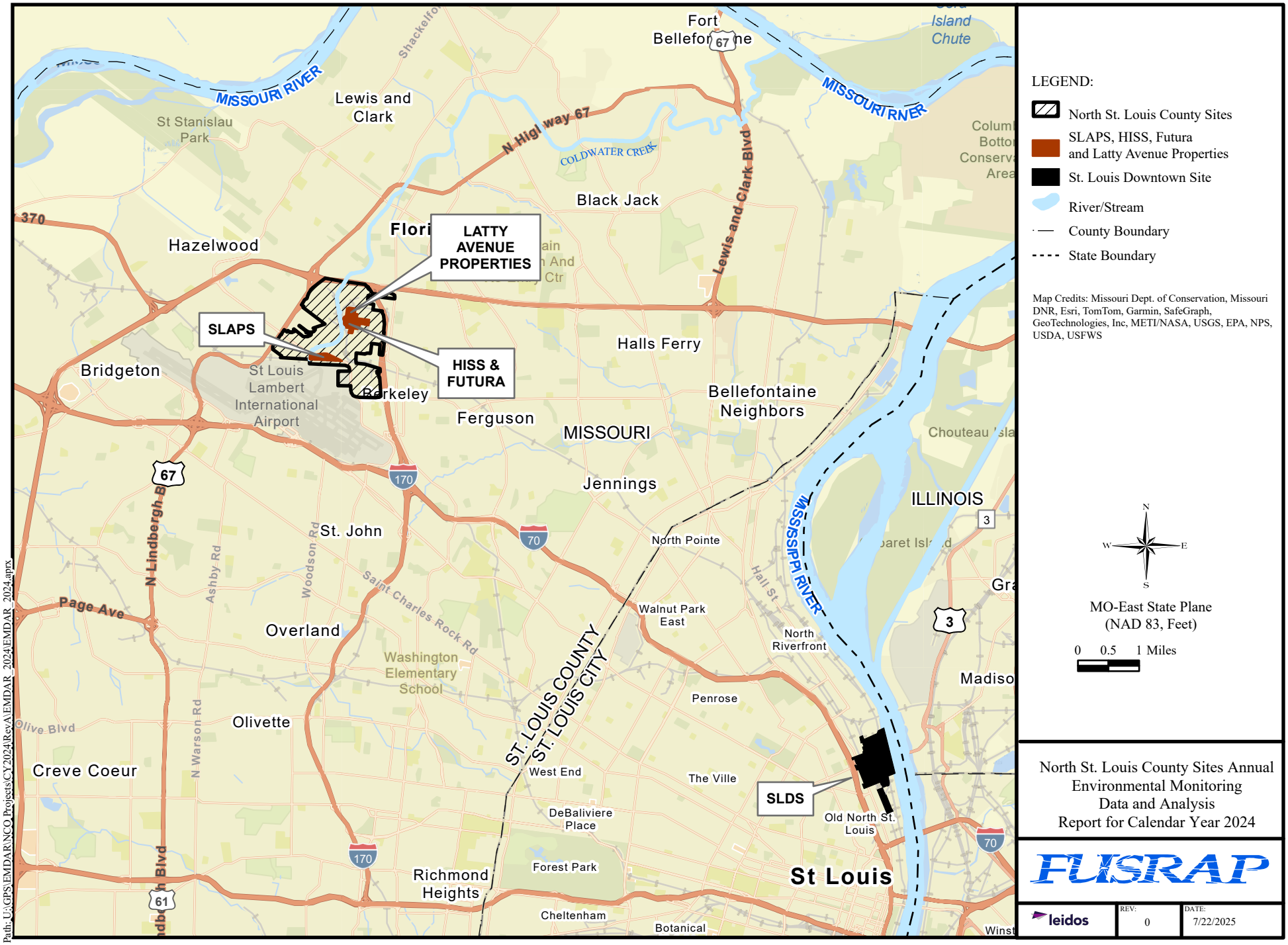

Figure 1-1. Location Map of the St. Louis Sites

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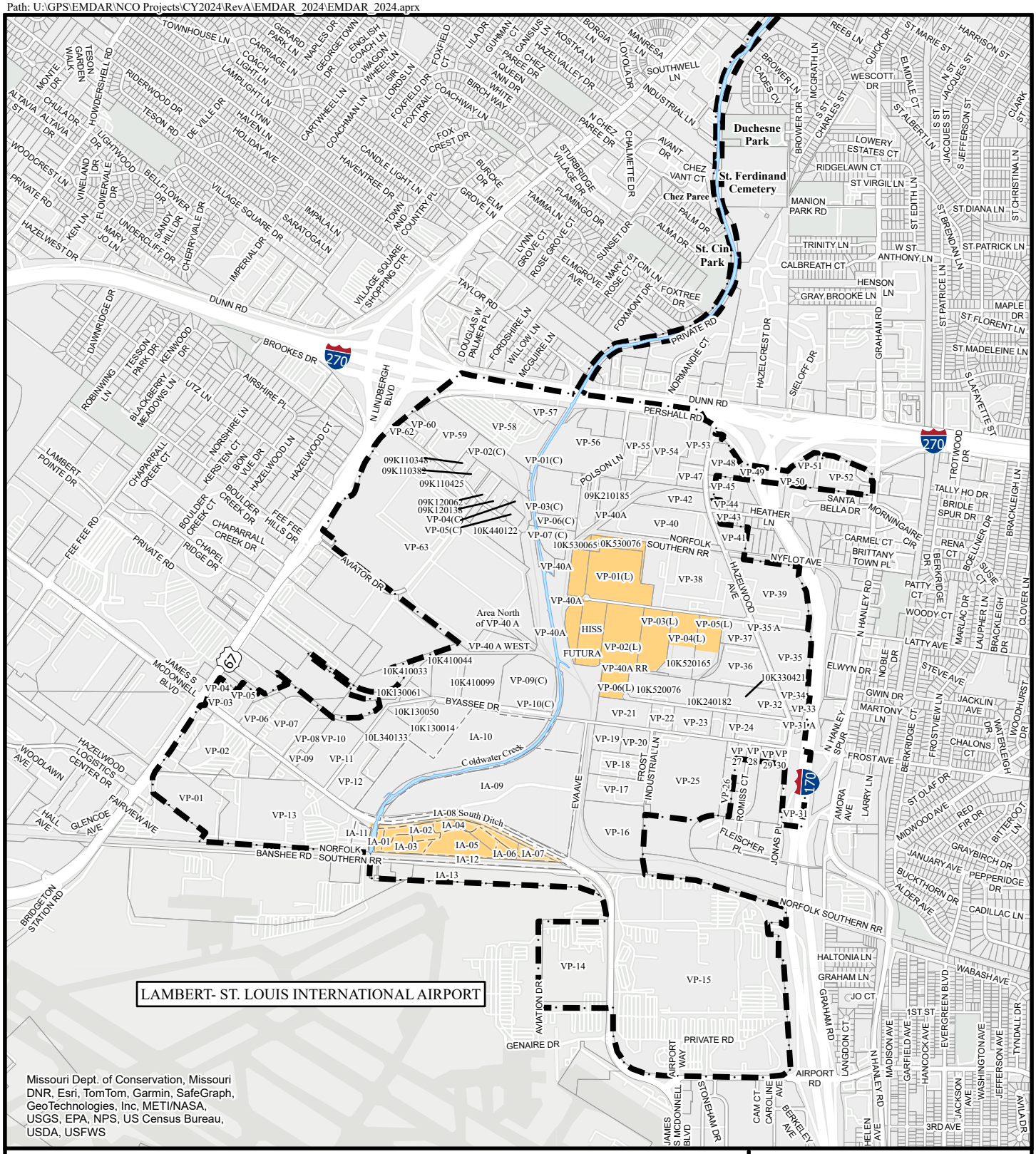

Figure 1-2. Plan View of the SLAPS, the SLAPS VPs, and the Latty Avenue Properties

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LEGEND:

- Latty Avenue Properties
- Vicinity Property
- Coldwater Creek
- ROD Boundary

N
W E
S

MO-East State Plane
(NAD 83, Feet)

0 250 500 Feet

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Figure 1-3. Plan View of the Latty Avenue Properties including the HISS and Futura

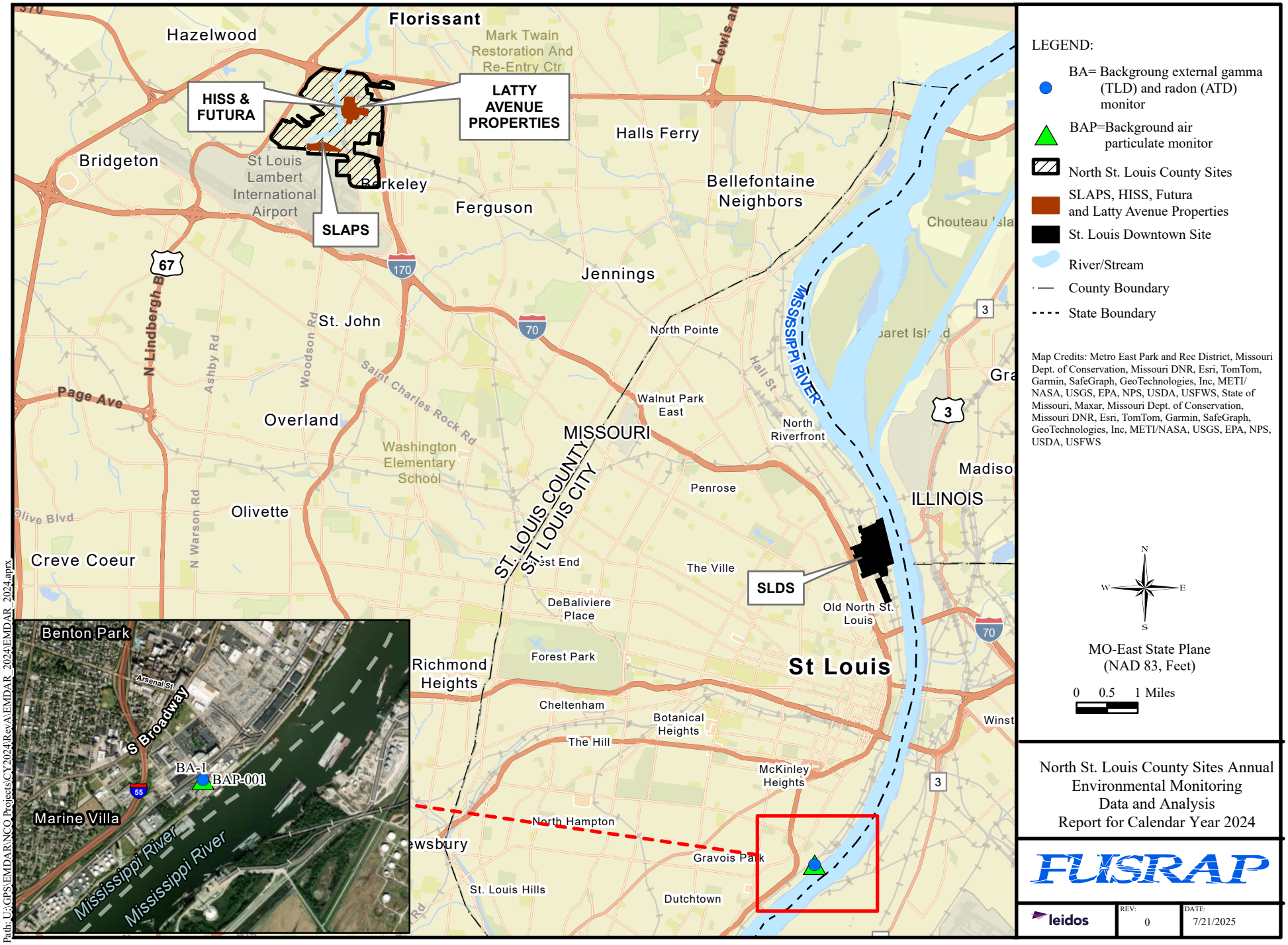

Figure 2-1. Gamma Radiation, Radon, and Particulate Air Monitoring at the St. Louis Background Location - USACE Service Base

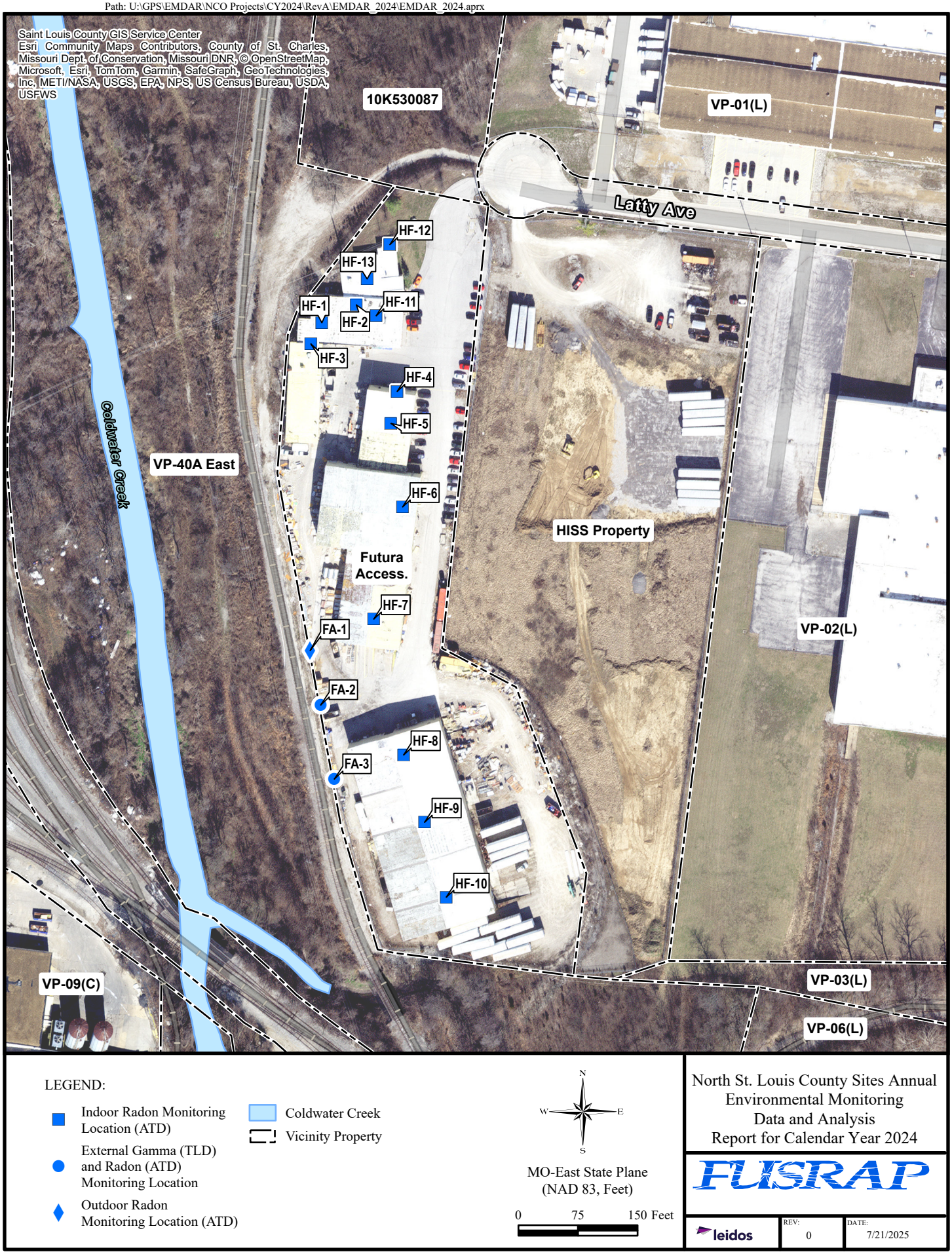

Figure 2-2. Gamma Radiation and Radon Monitoring Locations at the Latty Avenue Properties

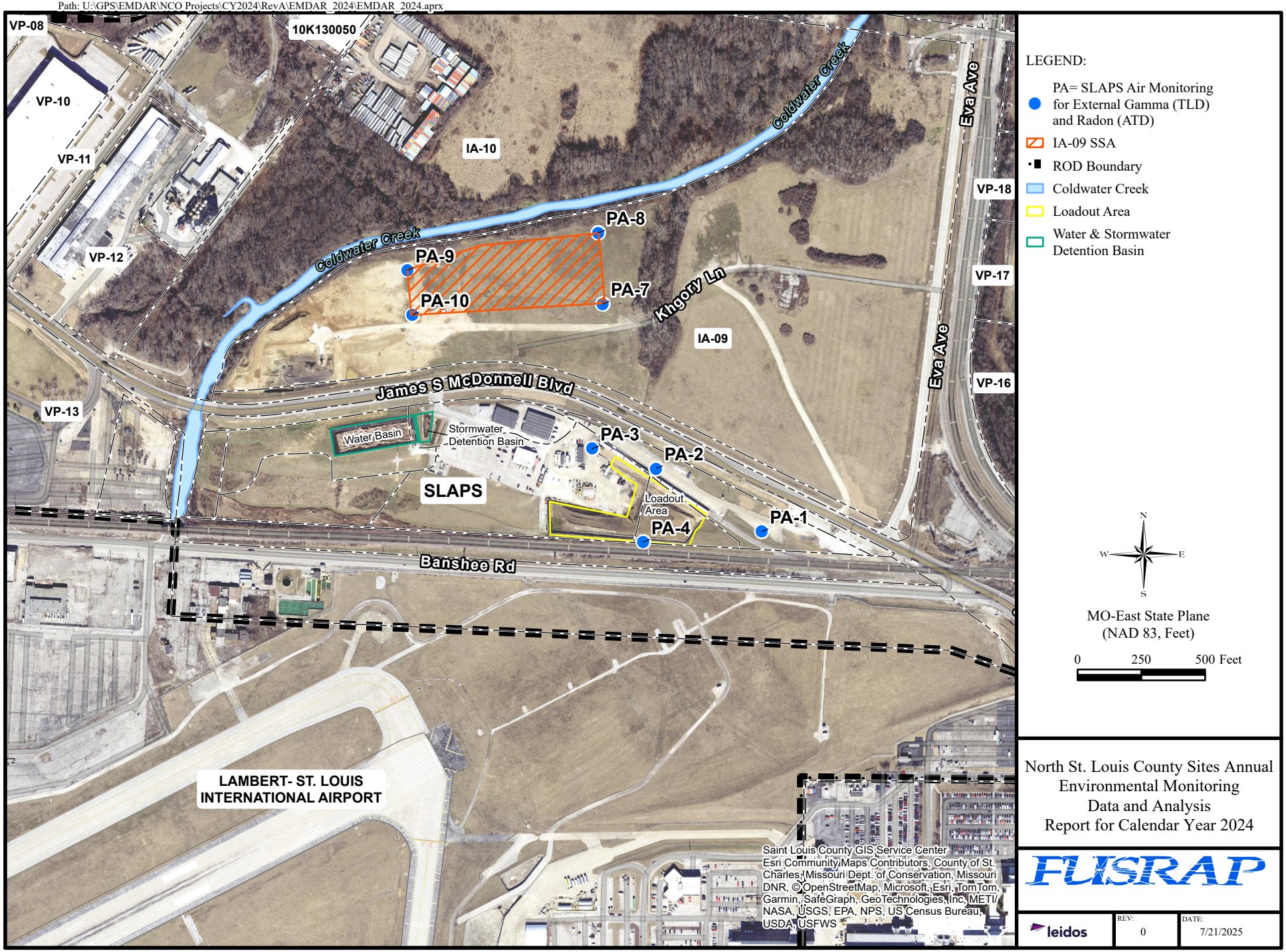

Figure 2-3. Gamma Radiation and Radon Monitoring Locations at the SLAPS and IA-09

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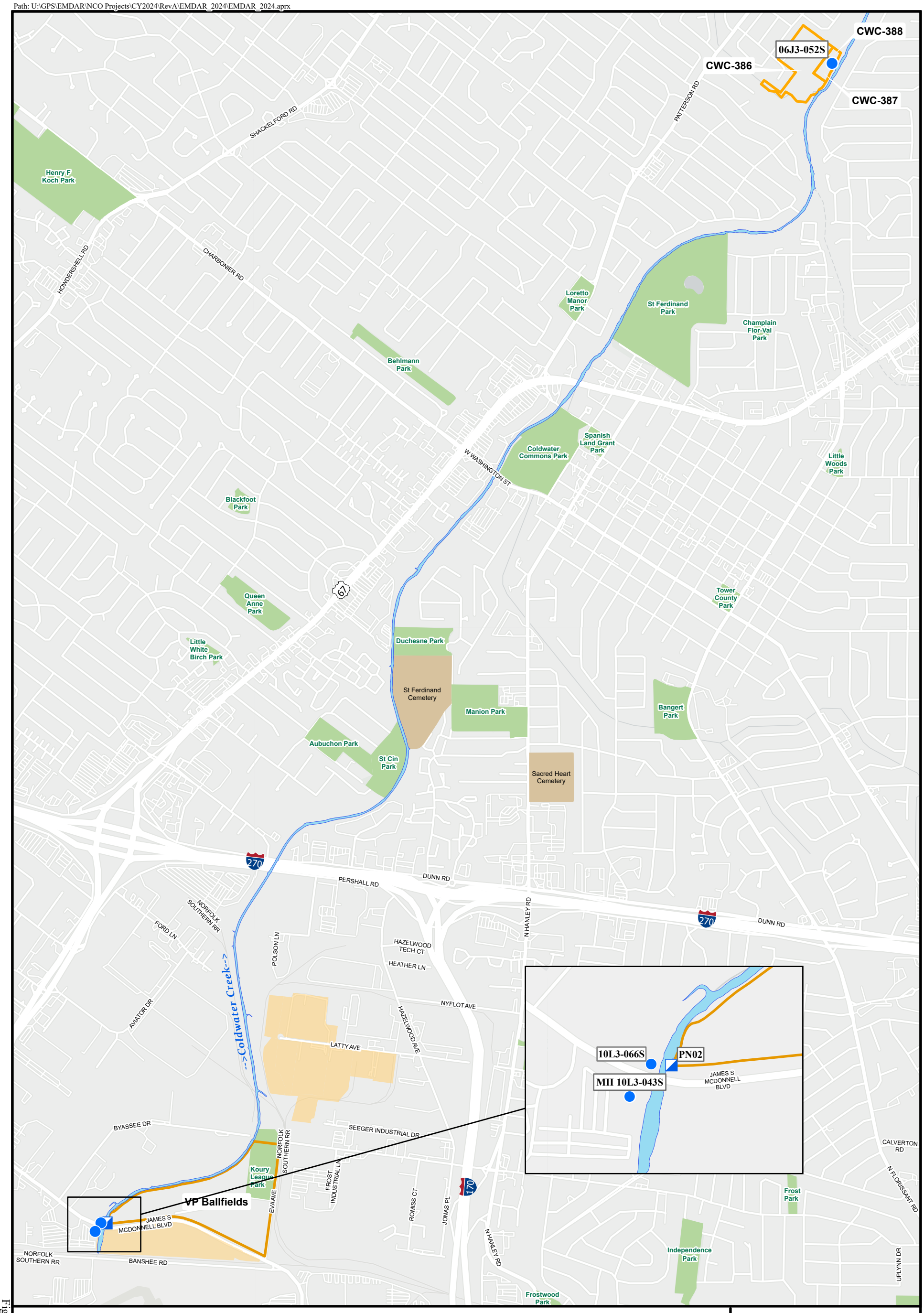

Figure 3-1. Stormwater Outfalls and MSD Excavation Water Discharge Points at the SLAPS

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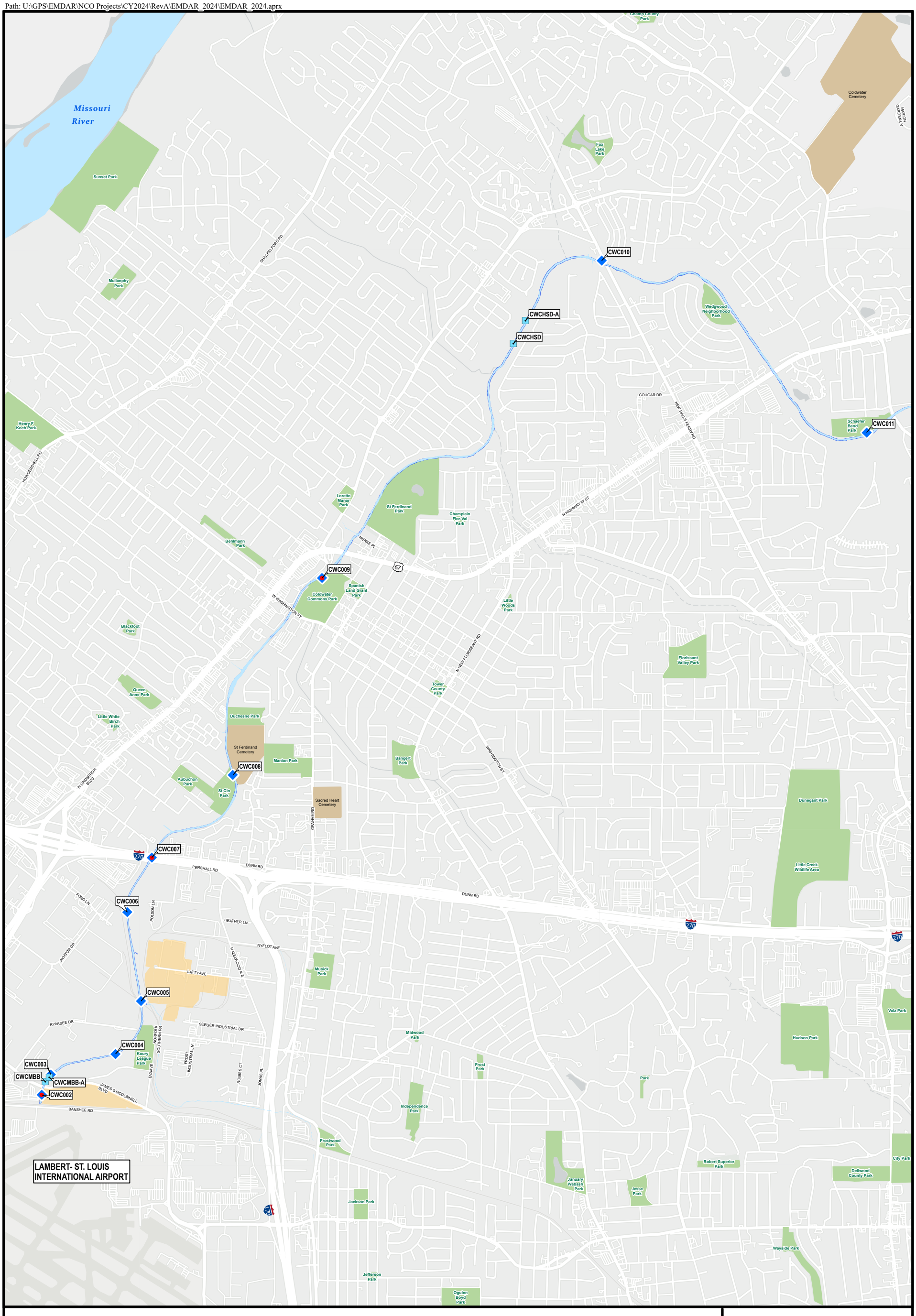

Figure 3-2. Surface Water and Sediment Sampling Locations at Coldwater Creek

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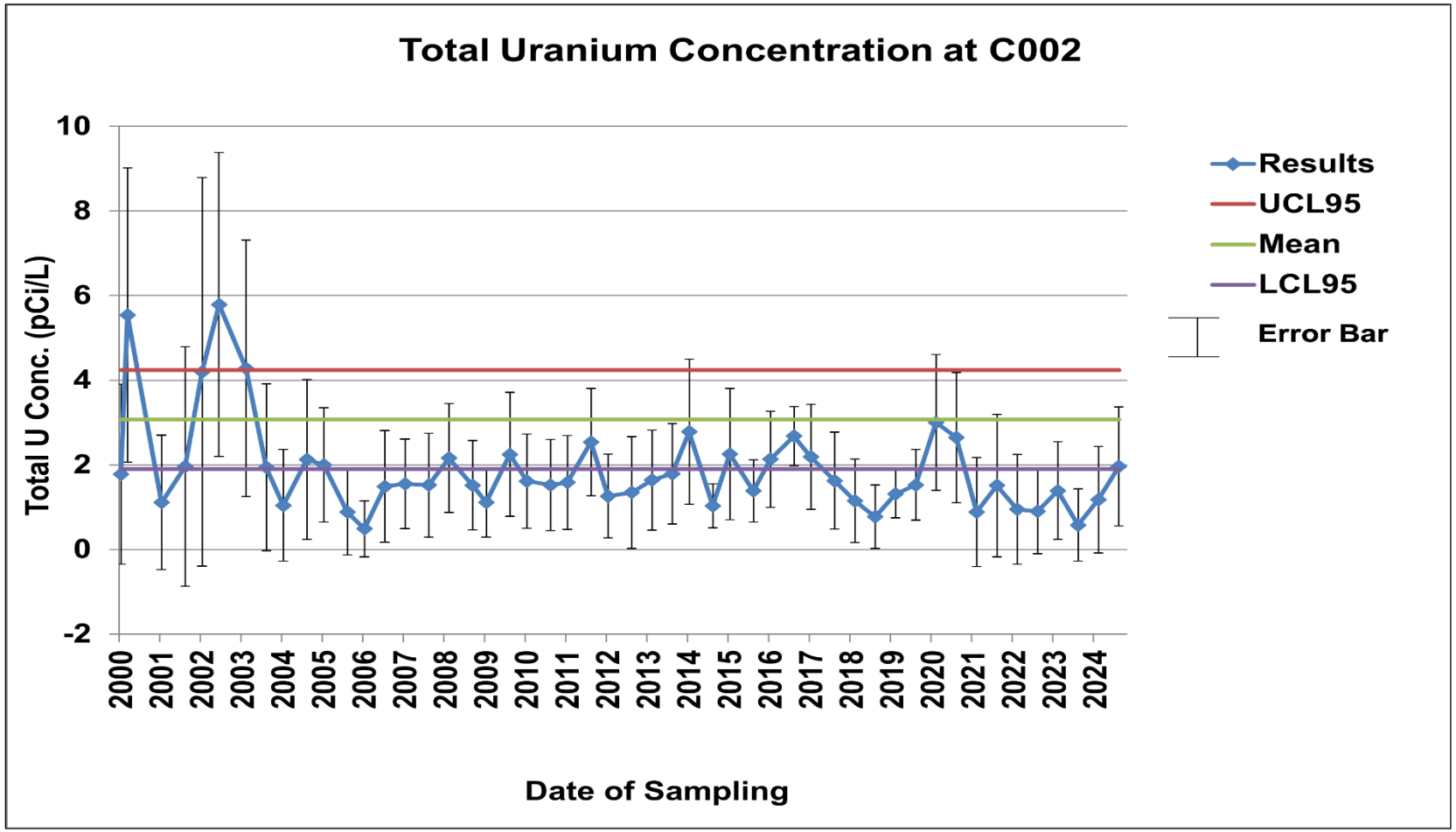

Note:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.

Figure 3-3a. Total U Concentrations in Surface Water Versus Sampling Date at C002

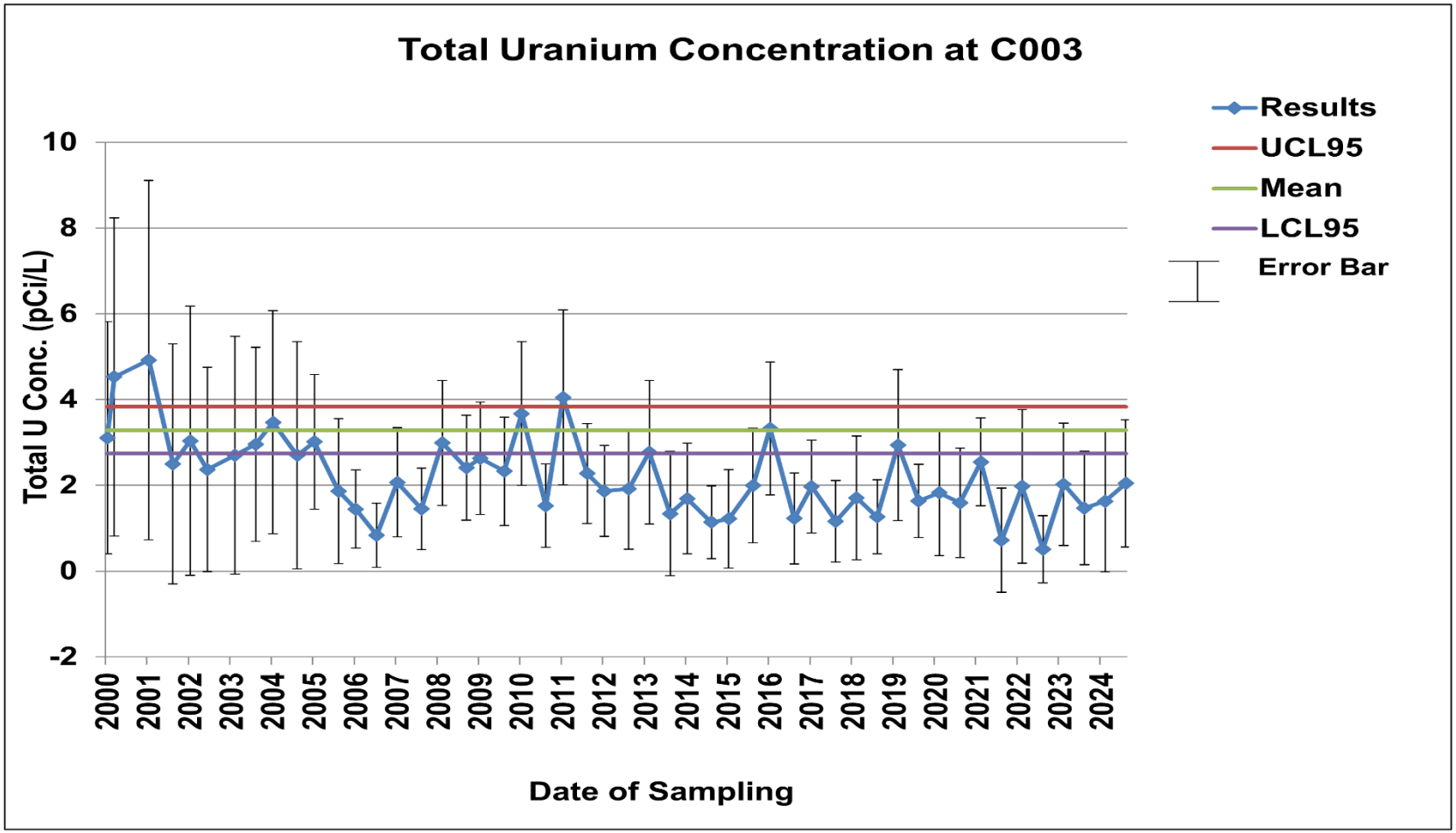

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Figure 3-3b. Total U Concentrations in Surface Water Versus Sampling Date at C003

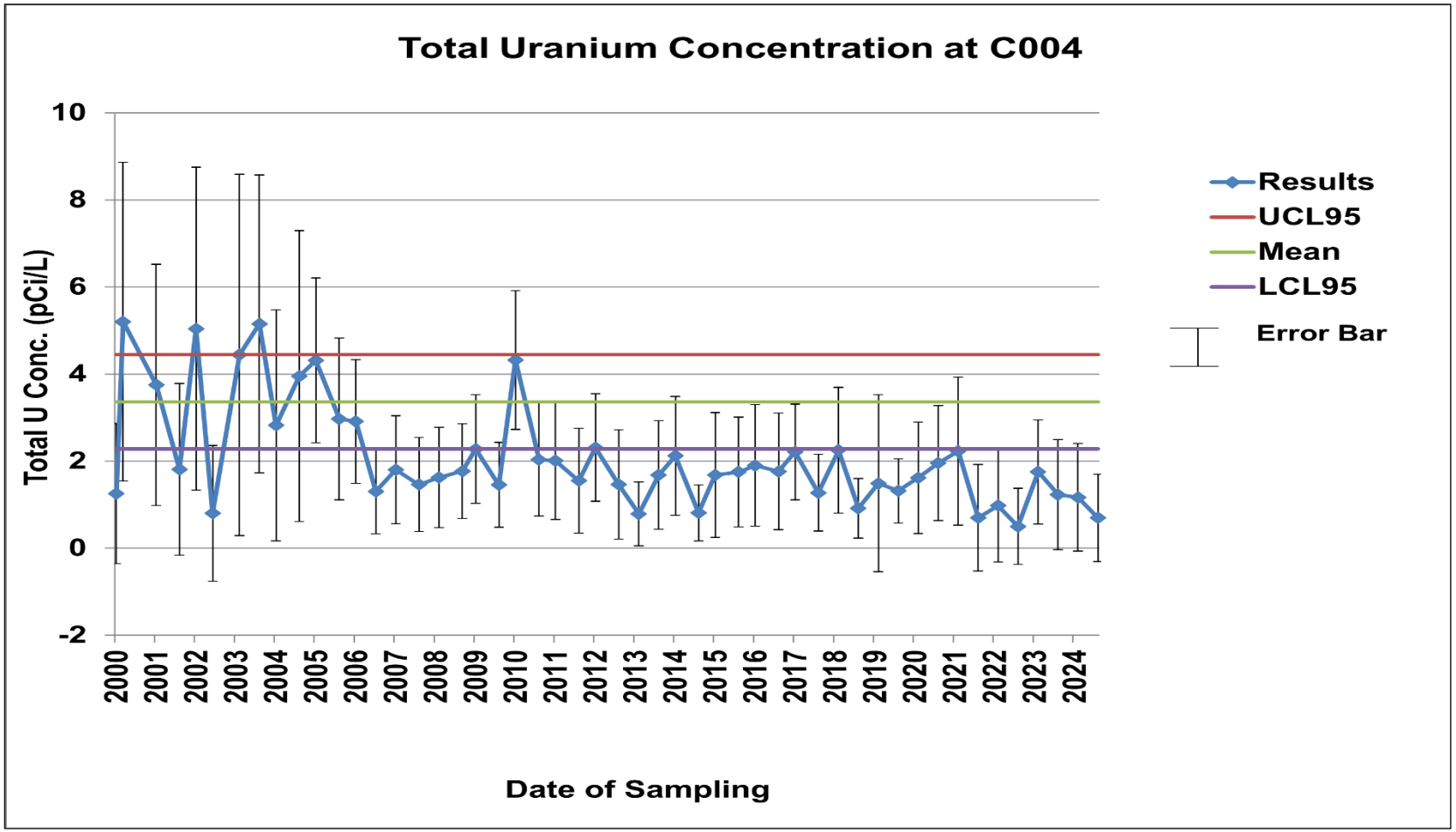

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Figure 3-3c. Total U Concentrations in Surface Water Versus Sampling Date at C004

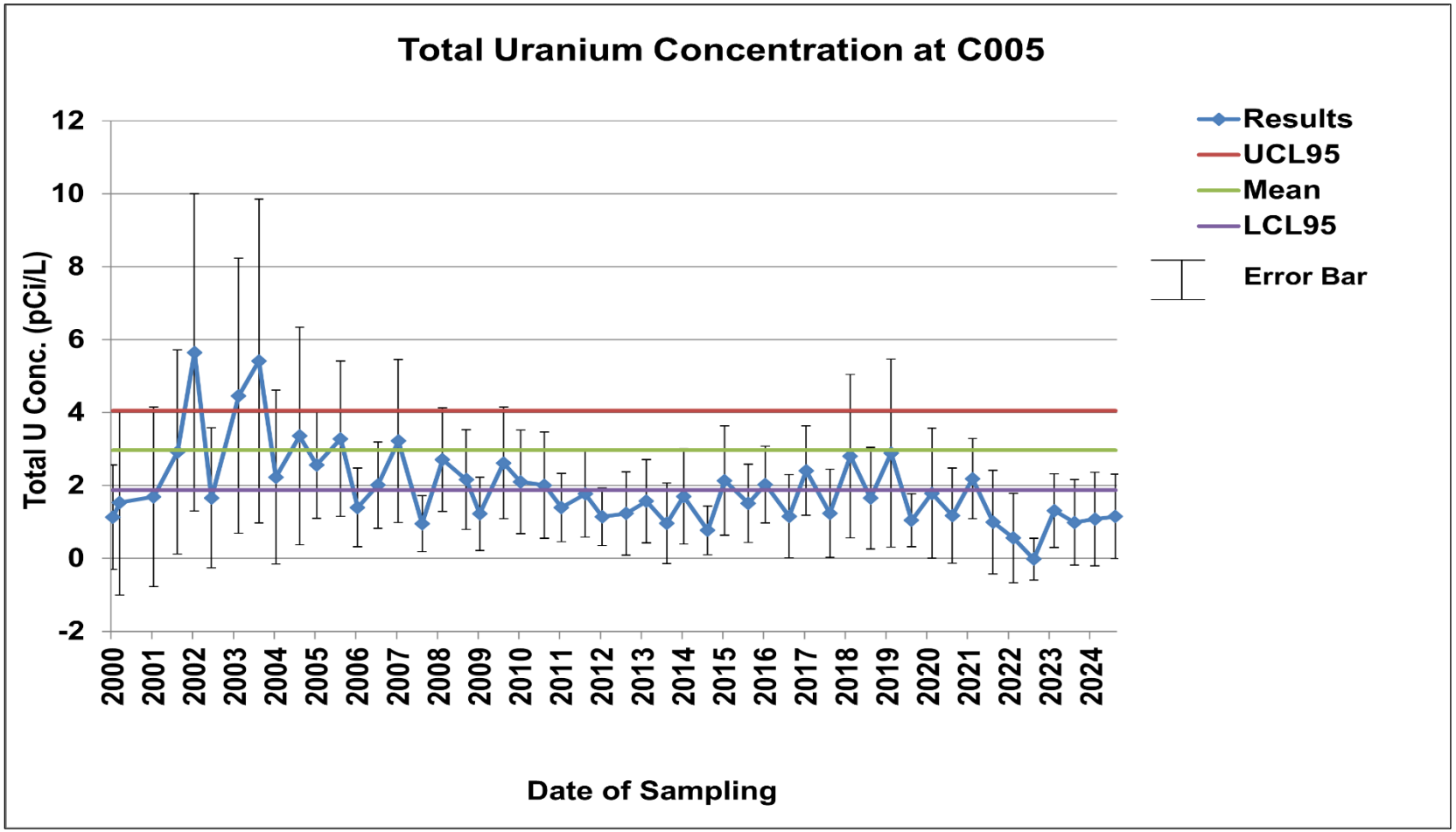

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Figure 3-3d. Total U Concentrations in Surface Water Versus Sampling Date at C005

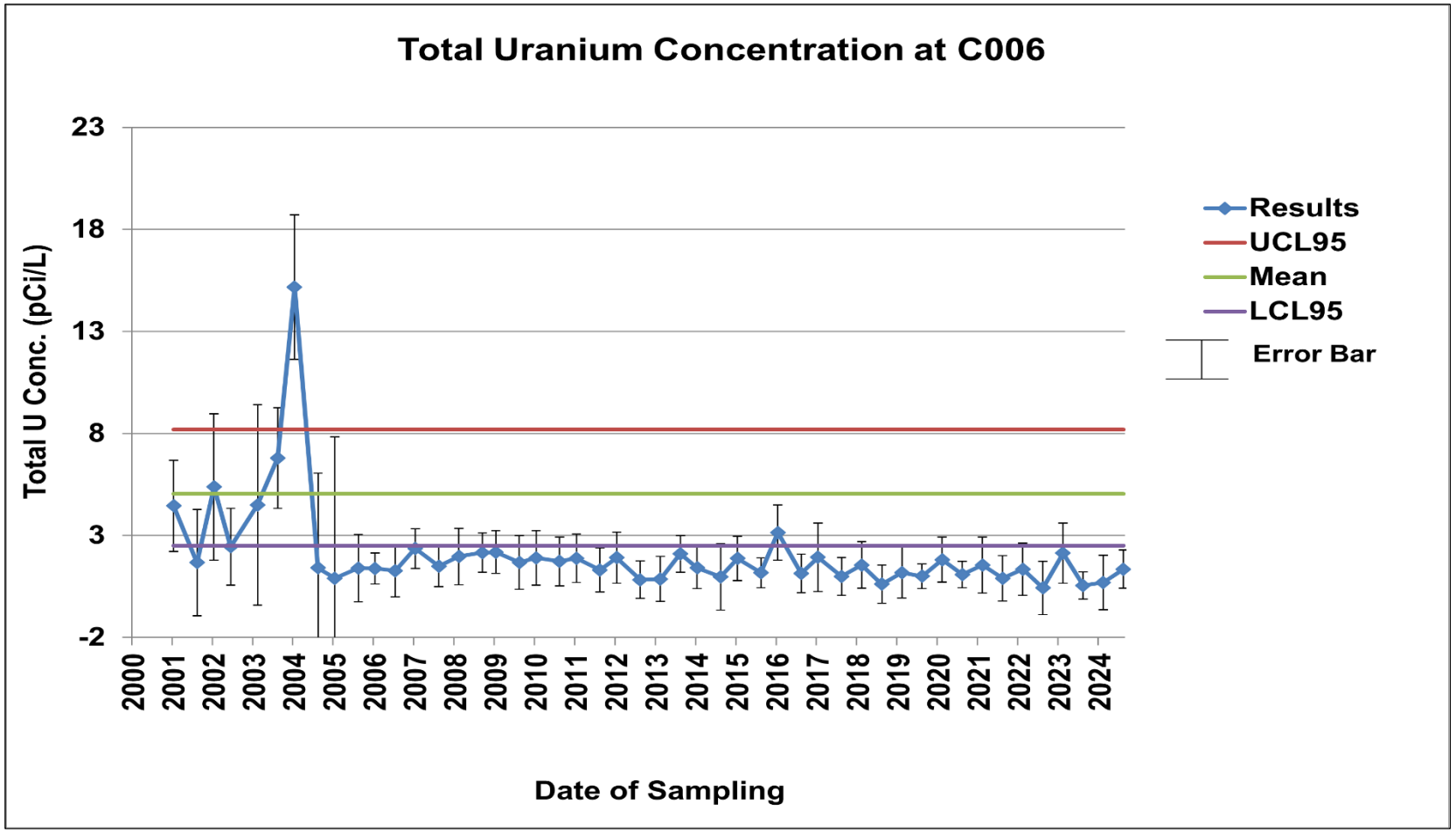

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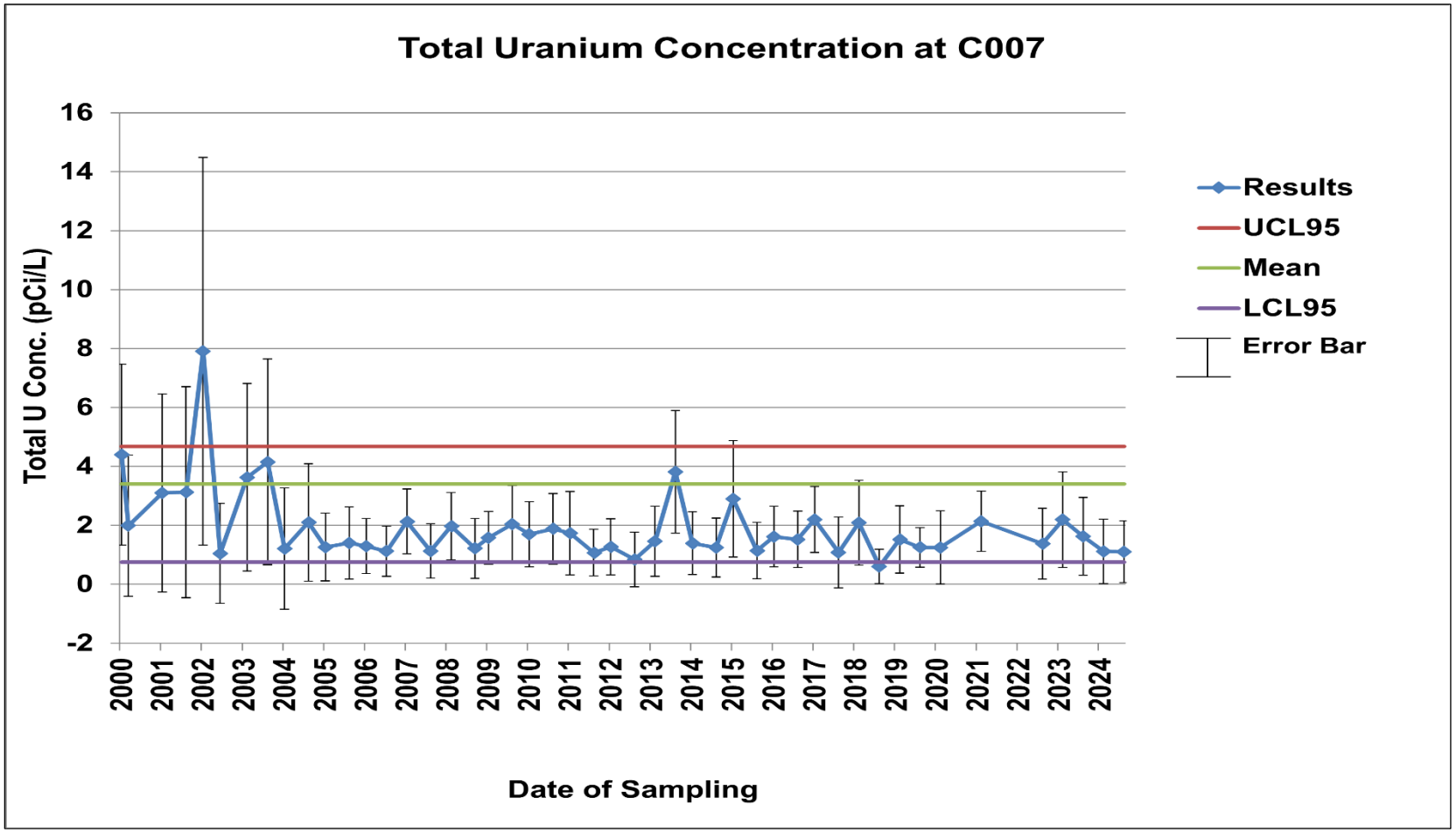
Figure 3-3e. Total U Concentrations in Surface Water Versus Sampling Date at C006



Note:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.

Figure 3-3f. Total U Concentrations in Surface Water Versus Sampling Date at C007

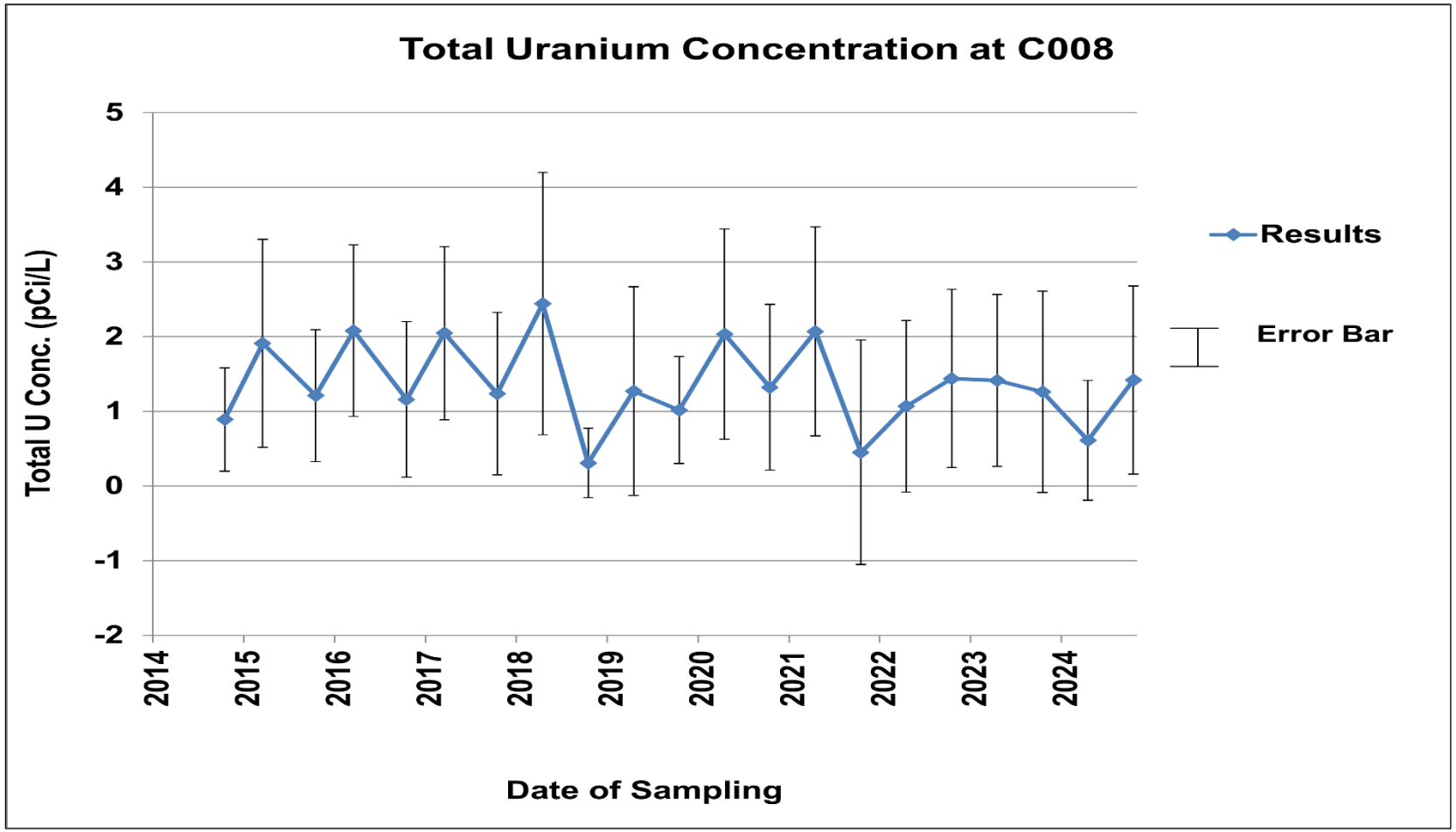


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Figure 3-3g. Total U Concentrations in Surface Water Versus Sampling Date at C008

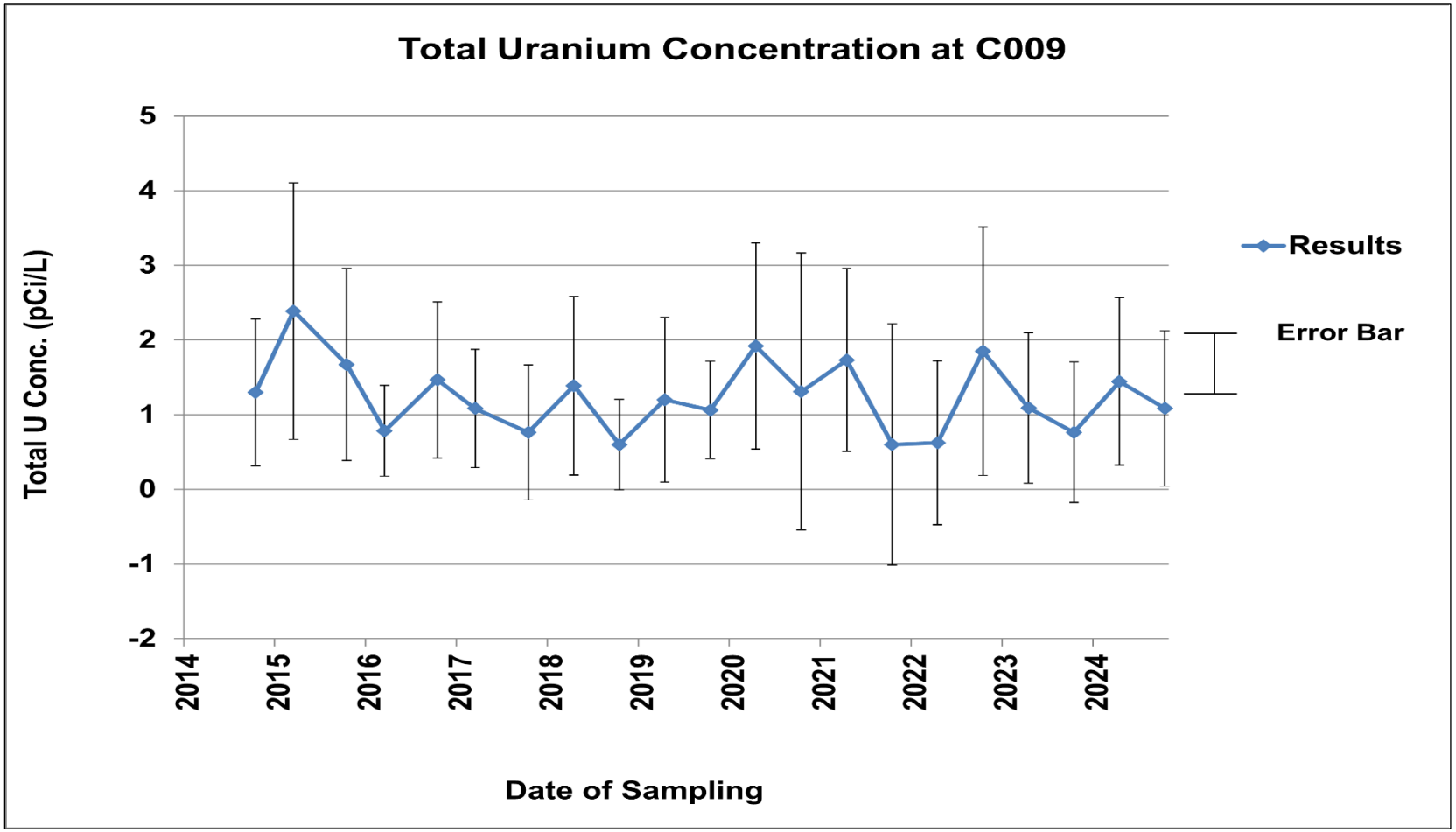

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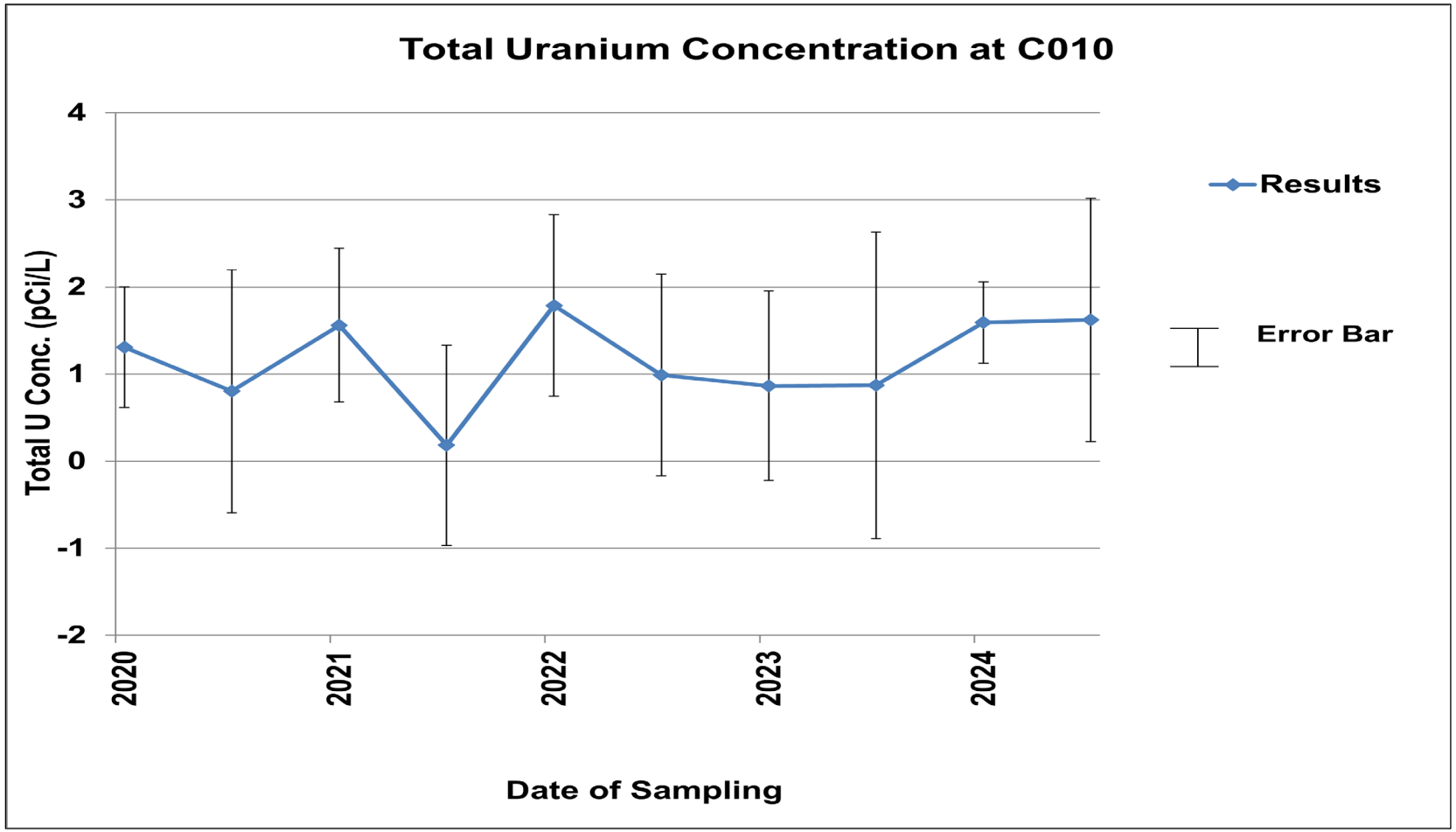
Figure 3-3h. Total U Concentrations in Surface Water Versus Sampling Date at C009



Note:
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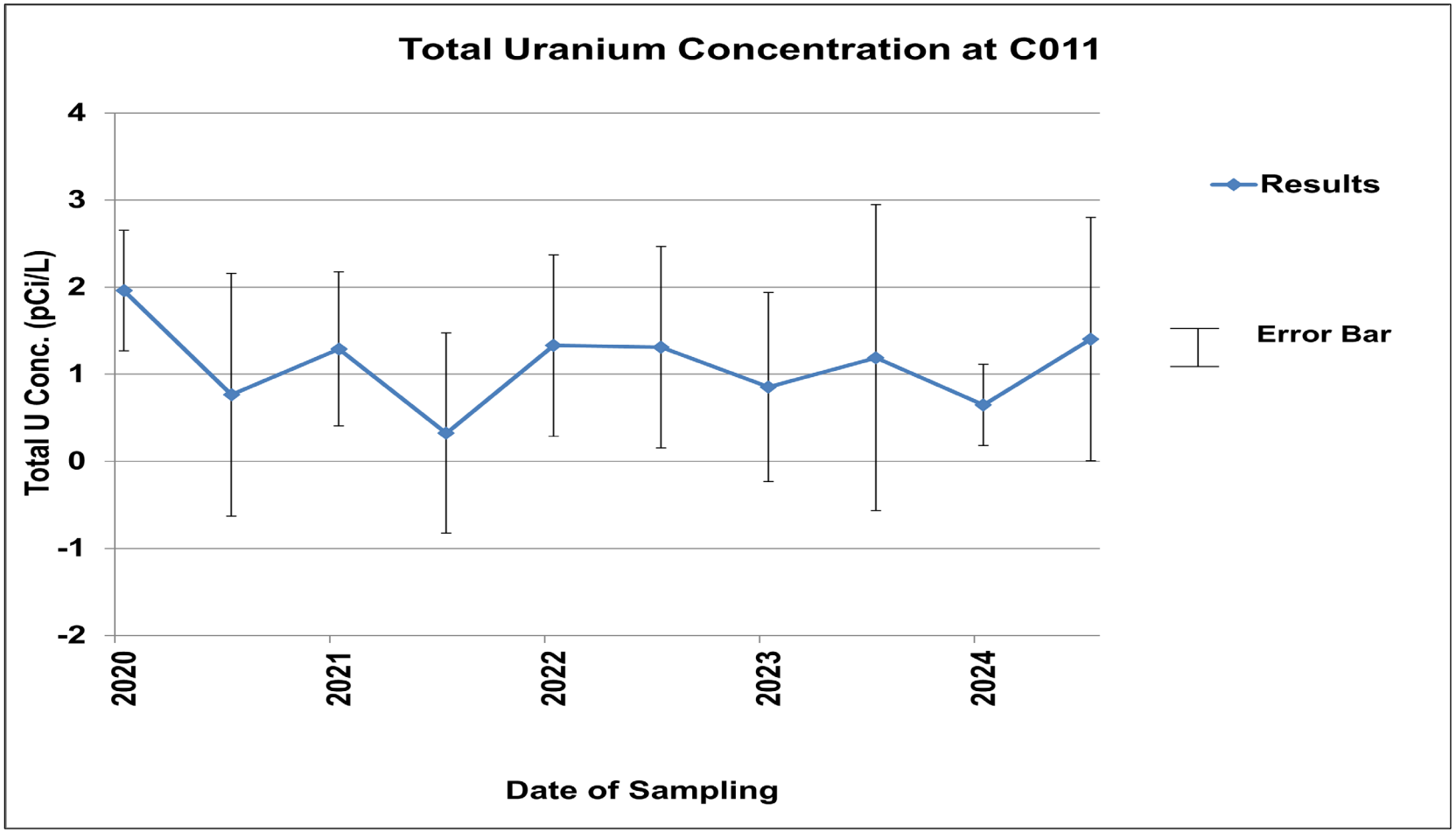
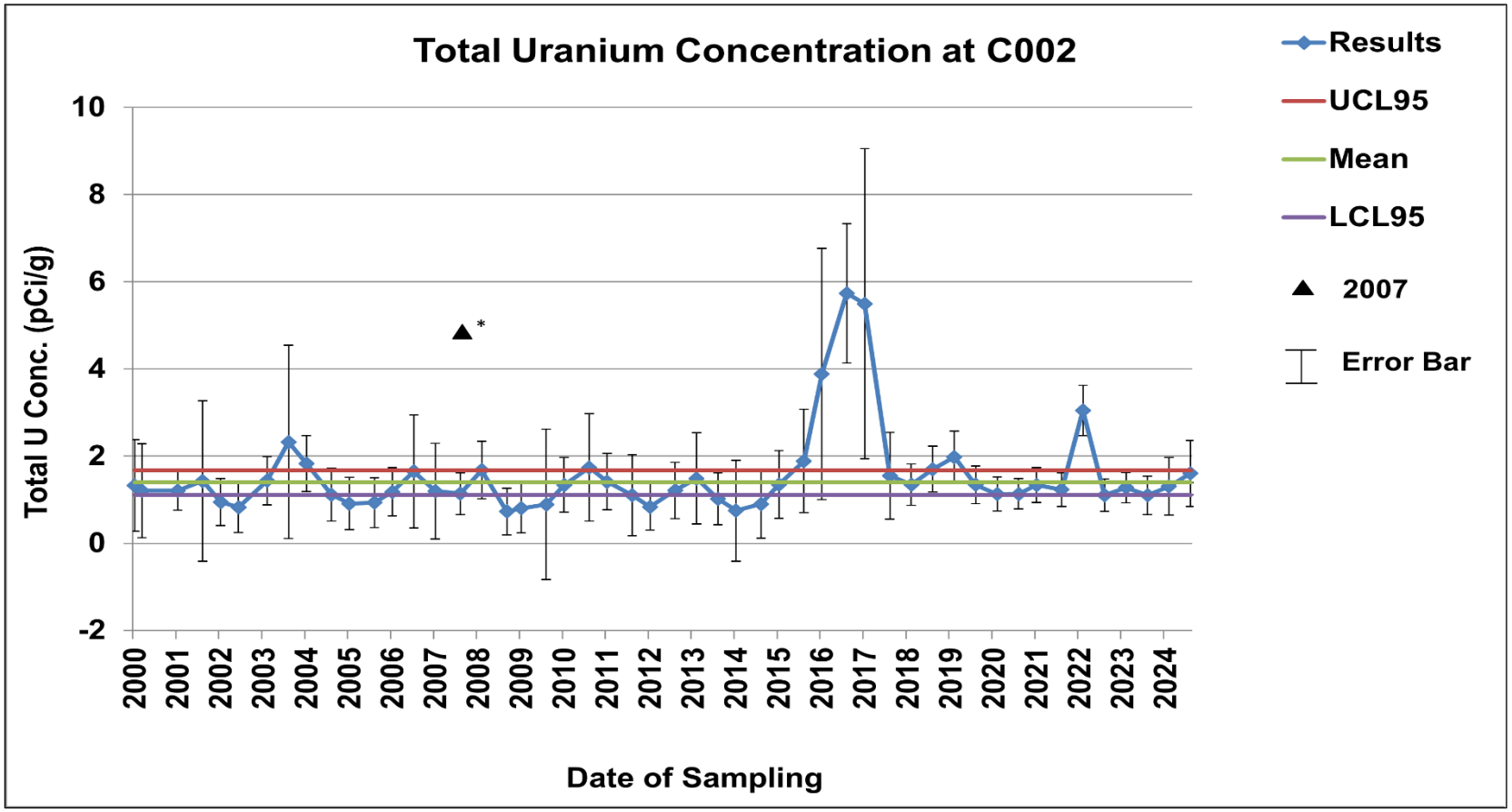
Figure 3-3i. Total U Concentrations in Surface Water Versus Sampling Date at C010



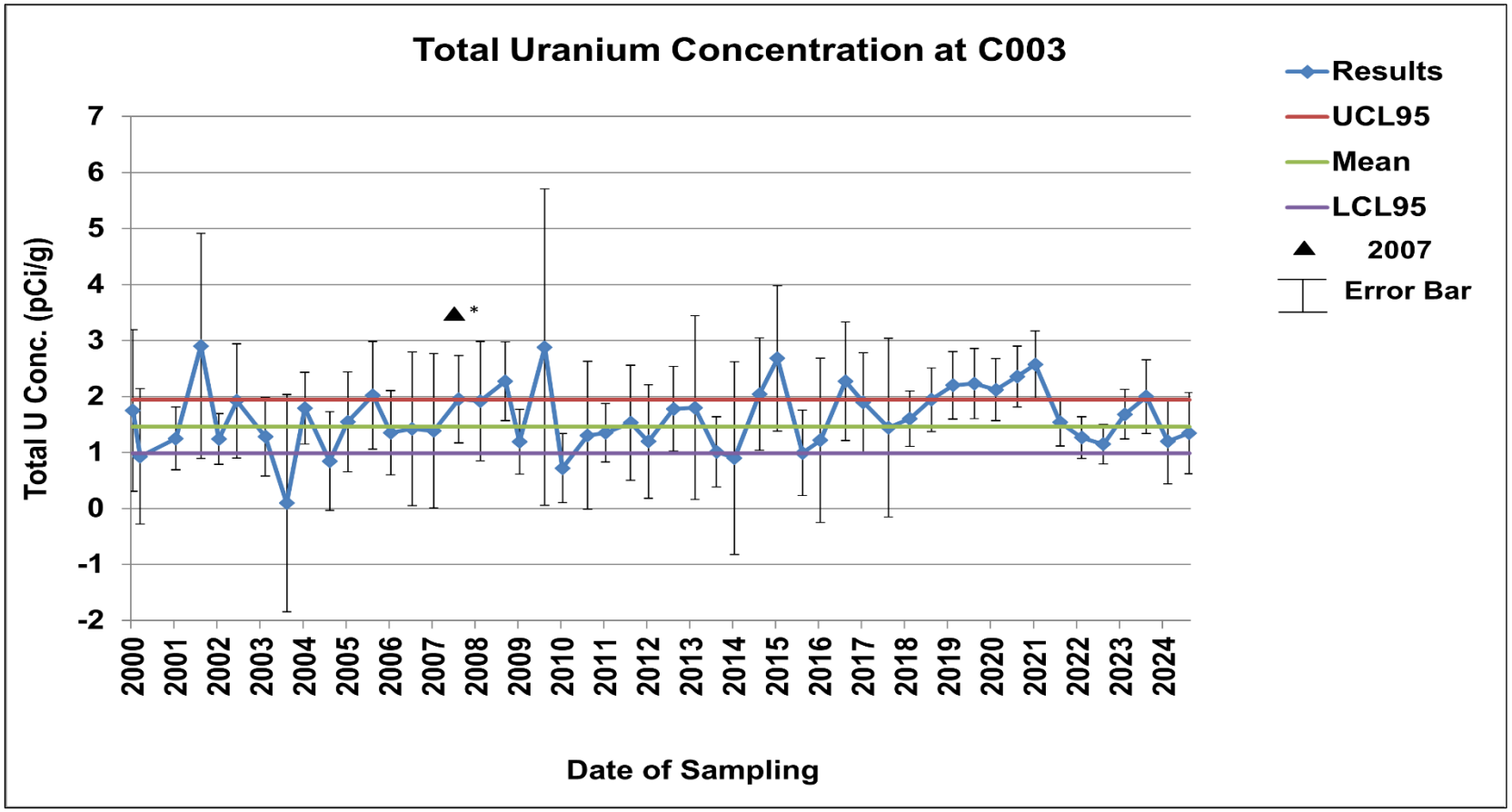
Note:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.

Figure 3-3j. Total U Concentrations in Surface Water Versus Sampling Date at C011



Notes:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.
* The October 2007 value was incorrectly graphed in previous reports due to the alpha and gamma results being added together, artificially increasing the value. The charts in this figure have been corrected.

Figure 3-4a. Total U Concentrations in Sediment Versus Sampling Date at C002



Notes:
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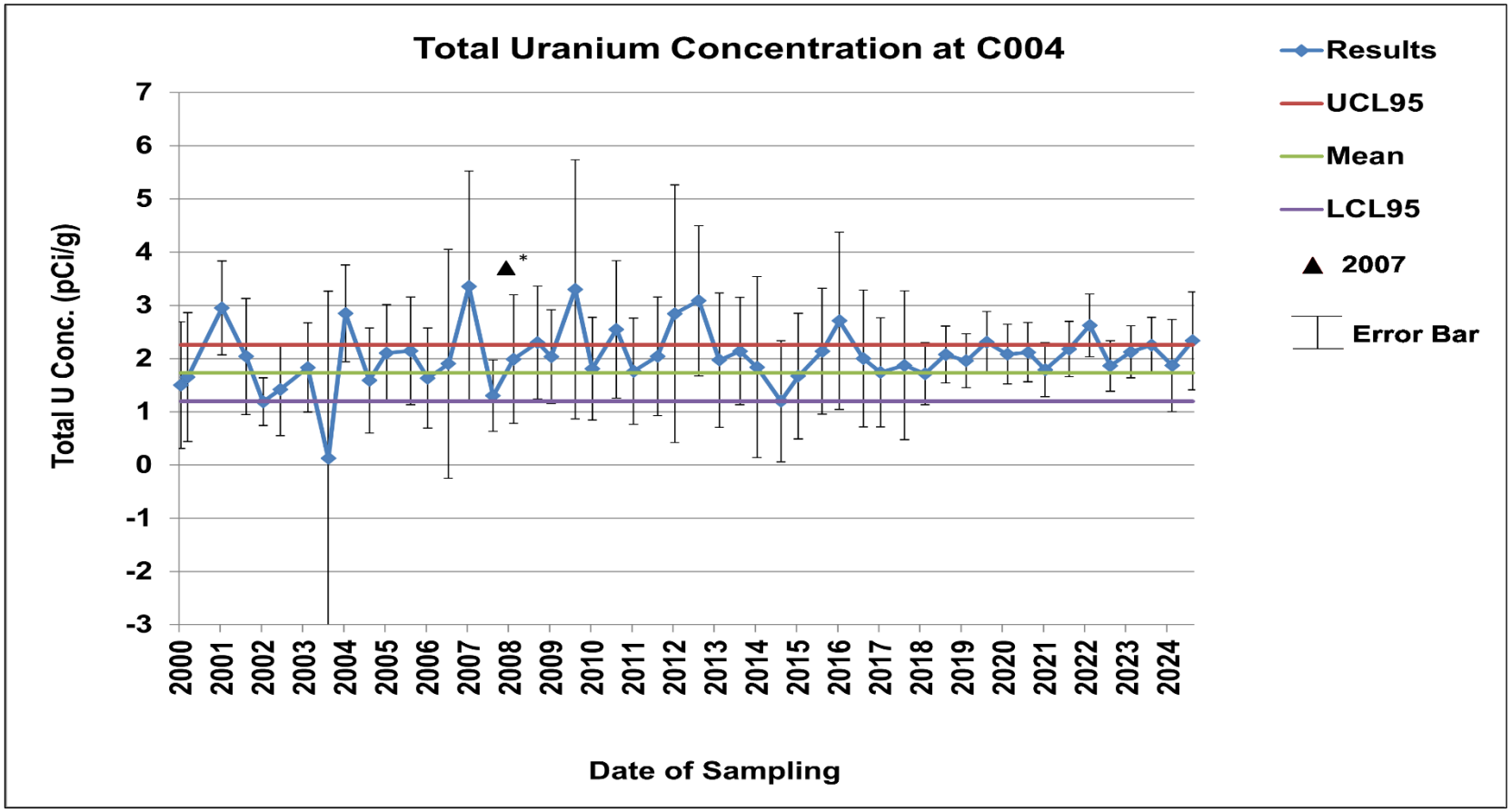
* The October 2007 value was incorrectly graphed in previous reports due to the alpha and gamma results being added together, artificially increasing the value. The charts in this figure have been corrected.

Figure 3-4b. Total U Concentrations in Sediment Versus Sampling Date at C003



Notes:
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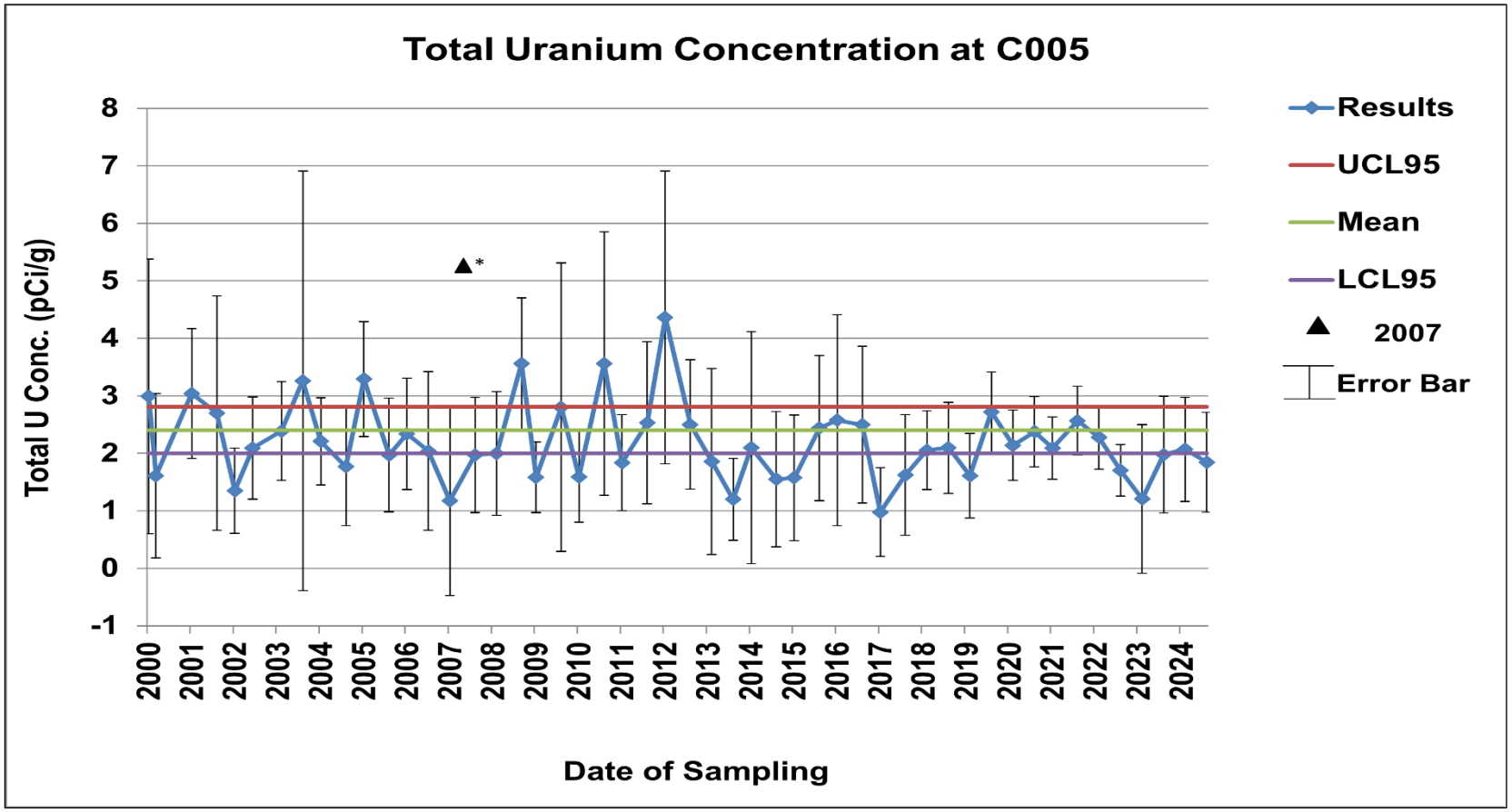
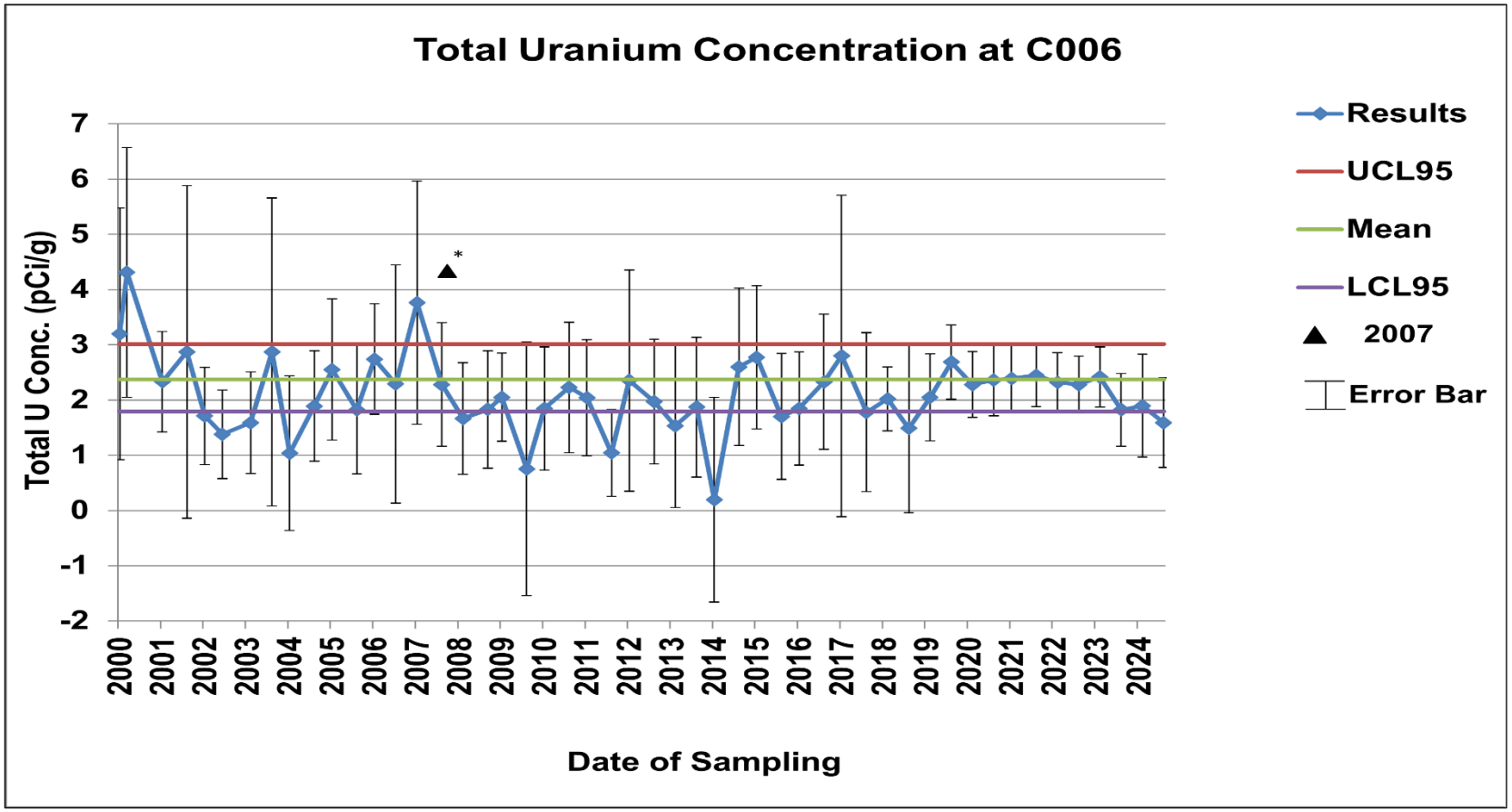
* The October 2007 value was incorrectly graphed in previous reports due to the alpha and gamma results being added together, artificially increasing the value. The charts in this figure have been corrected.

Figure 3-4c. Total U Concentrations in Sediment Versus Sampling Date at C004



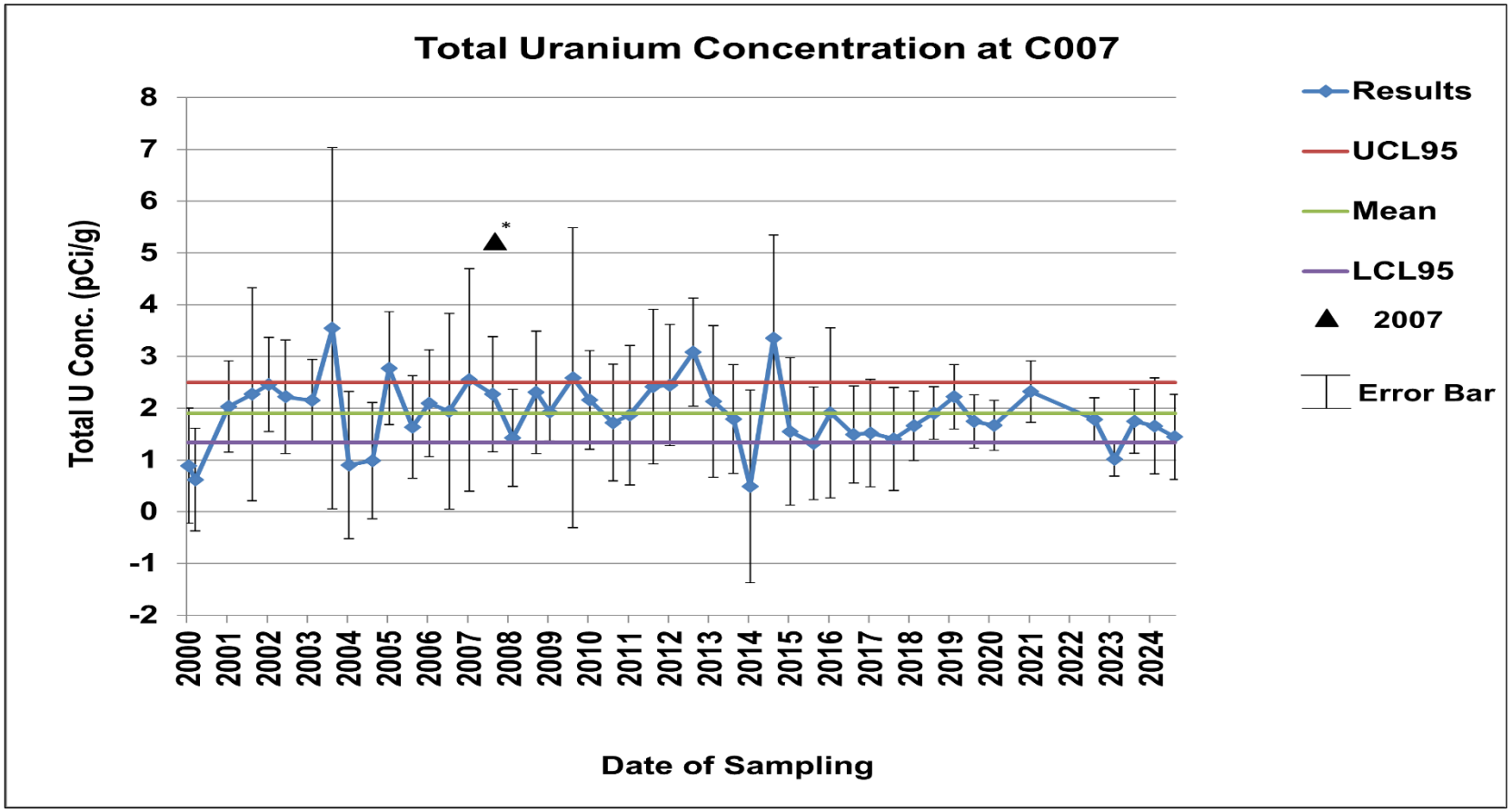
Notes:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.
* The October 2007 value was incorrectly graphed in previous reports due to the alpha and gamma results being added together, artificially increasing the value. The charts in this figure have been corrected.

Figure 3-4d. Total U Concentrations in Sediment Versus Sampling Date at C005



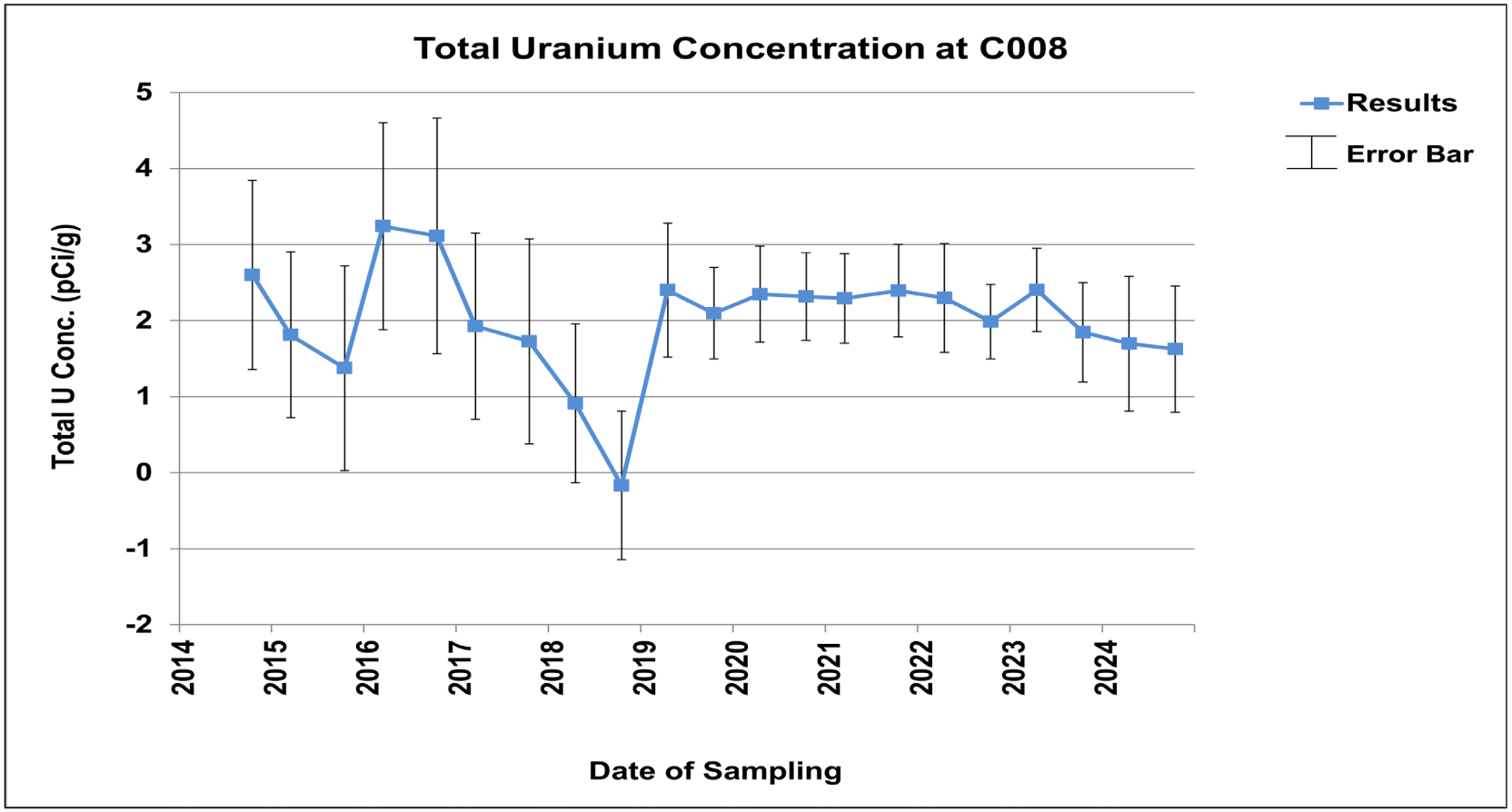
Notes:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.
* The October 2007 value was incorrectly graphed in previous reports due to the alpha and gamma results being added together, artificially increasing the value. The charts in this figure have been corrected.

Figure 3-4e. Total U Concentrations in Sediment Versus Sampling Date at C006



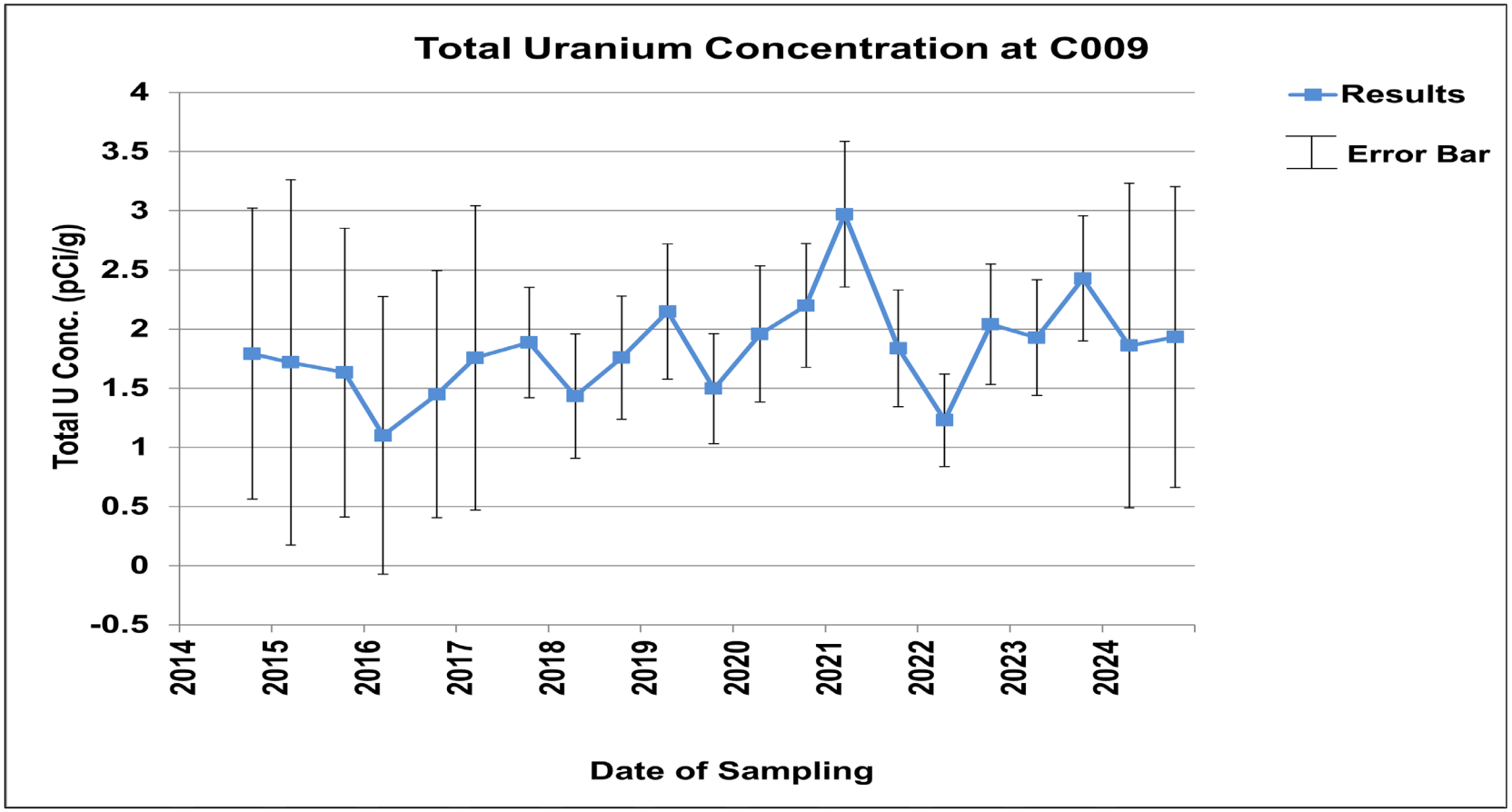
Notes:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.
* The October 2007 value was incorrectly graphed in previous reports due to the alpha and gamma results being added together, artificially increasing the value. The charts in this figure have been corrected.

Figure 3-4f. Total U Concentrations in Sediment Versus Sampling Date at C007



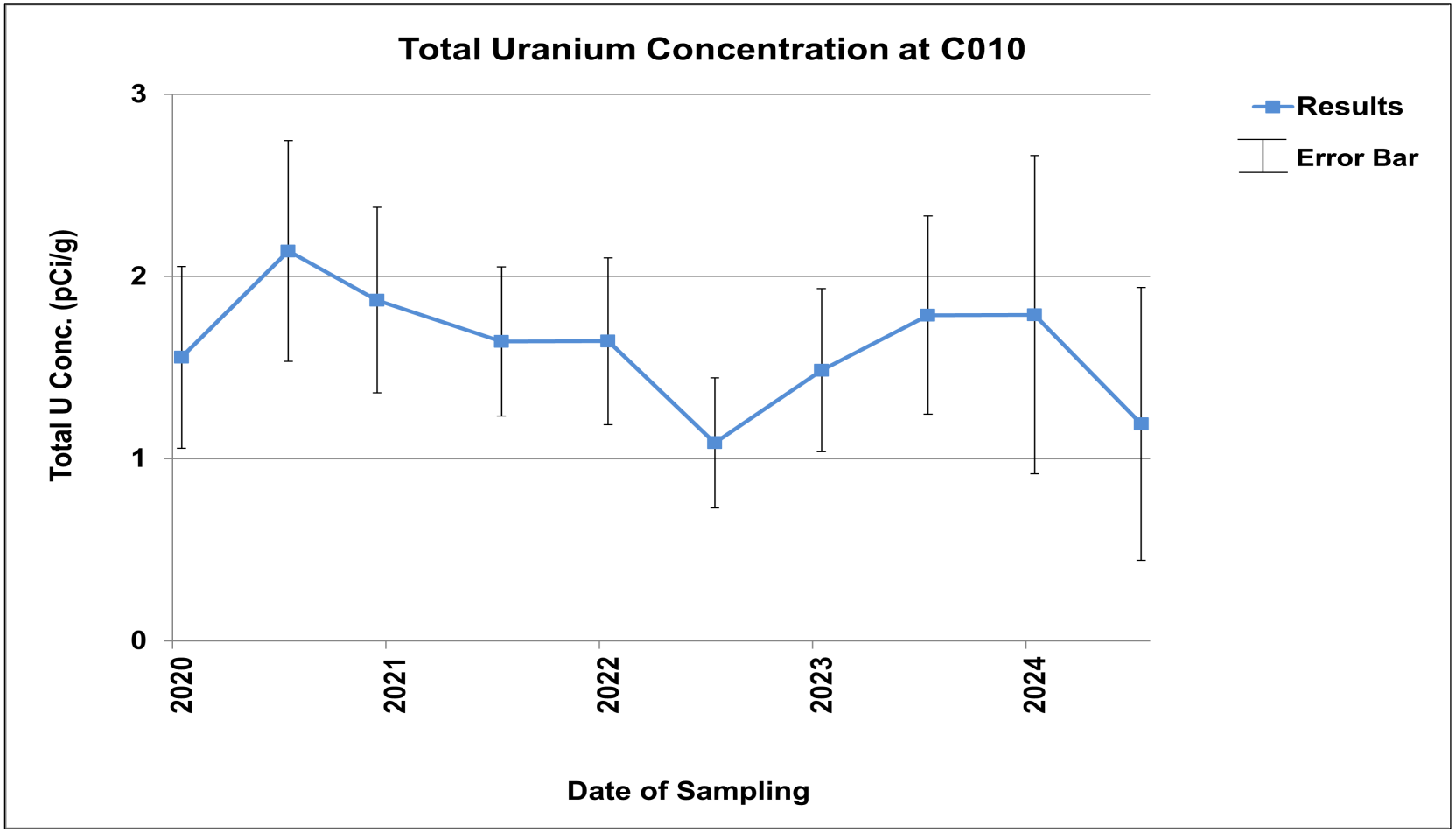
Note:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.

Figure 3-4g. Total U Concentrations in Sediment Versus Sampling Date at C008



Note:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.

Figure 3-4h. Total U Concentrations in Sediment Versus Sampling Date at C009



Note:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.

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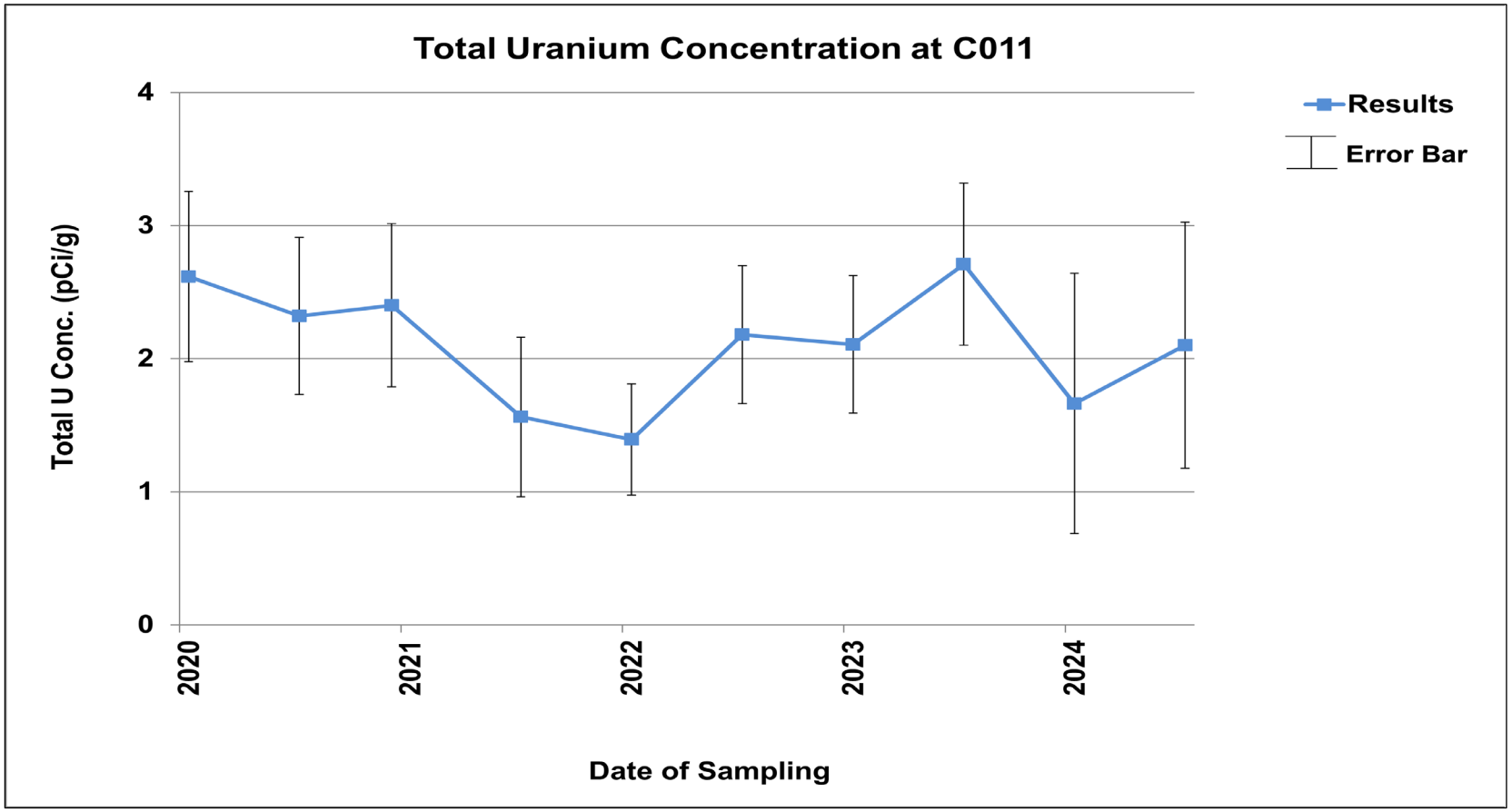
Figure 3-4i. Total U Concentrations in Sediment Versus Sampling Date at C010



Note:
The error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238.

Figure 3-4j. Total U Concentrations in Sediment Versus Sampling Date at C011

Zone	Period	Epoch	Stratigraphy	Thickness (ft.)	Description
Hydrostratigraphic zone (HZ)-A	Quaternary	Holocene	FILL/TOPSOIL	0-14	**UNIT 1** Fill - Sand, silt, clay, concrete, rubble. Topsoil - Organic silts, clayey silts, wood, fine sand.
		Pleistocene	LOESS (CLAYEY SILT)	11-32	**UNIT 2** Clayey silts, fine sands, commonly mottled with iron oxide staining. Scattered roots and organic material, and a few fossils.
			GLACIOLACUSTRINE SERIES: SILTY CLAY	19-75 (3) 9-27 (3T)	**UNIT 3** Silty clay with scattered organic blebs and peat stringers. Moderate plasticity. Moist to saturated (3T).
Hydrostratigraphic zone (HZ)-B			VARVED CLAY	0-8	Alternating layers of dark and light clay as much as 1/16 inch thick (3M).
			CLAY	0-26	Dense, stiff, moist, highly plastic clay (3M).
Hydrostratigraphic zone (HZ)-C			SILTY CLAY	10-29	Similar to upper silty clay. Probable unconformable contact with highly plastic clay (3B).
			BASAL CLAYEY AND SANDY GRAVEL	0-6	**UNIT 4** Glacial clayey gravels, sands, and sandy gravels. Mostly chert.
Hydrostratigraphic zone (HZ)-D	Pennsylvanian		CHEROKEE (?) GROUP (UNDIFFERENTIATED)	0-35	**UNIT 5** BEDROCK: Interbedded silty clay/shale, lignite/coal, sandstone, and siltstone. Erosionally truncated by glaciolacustrine sequences. (Absent at the HISS).
Hydrostratigraphic zone (HZ)-E	Mississippian		STE. GENEVIEVE ST. LOUIS LIMESTONES	10+	**UNIT 6** BEDROCK: Hard, white to olive, well cemented, sandy limestone with interbedded shale laminations.

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AUTHOR:	REVISION:	DATE:	
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Figure 4-1. Generalized Stratigraphic Column

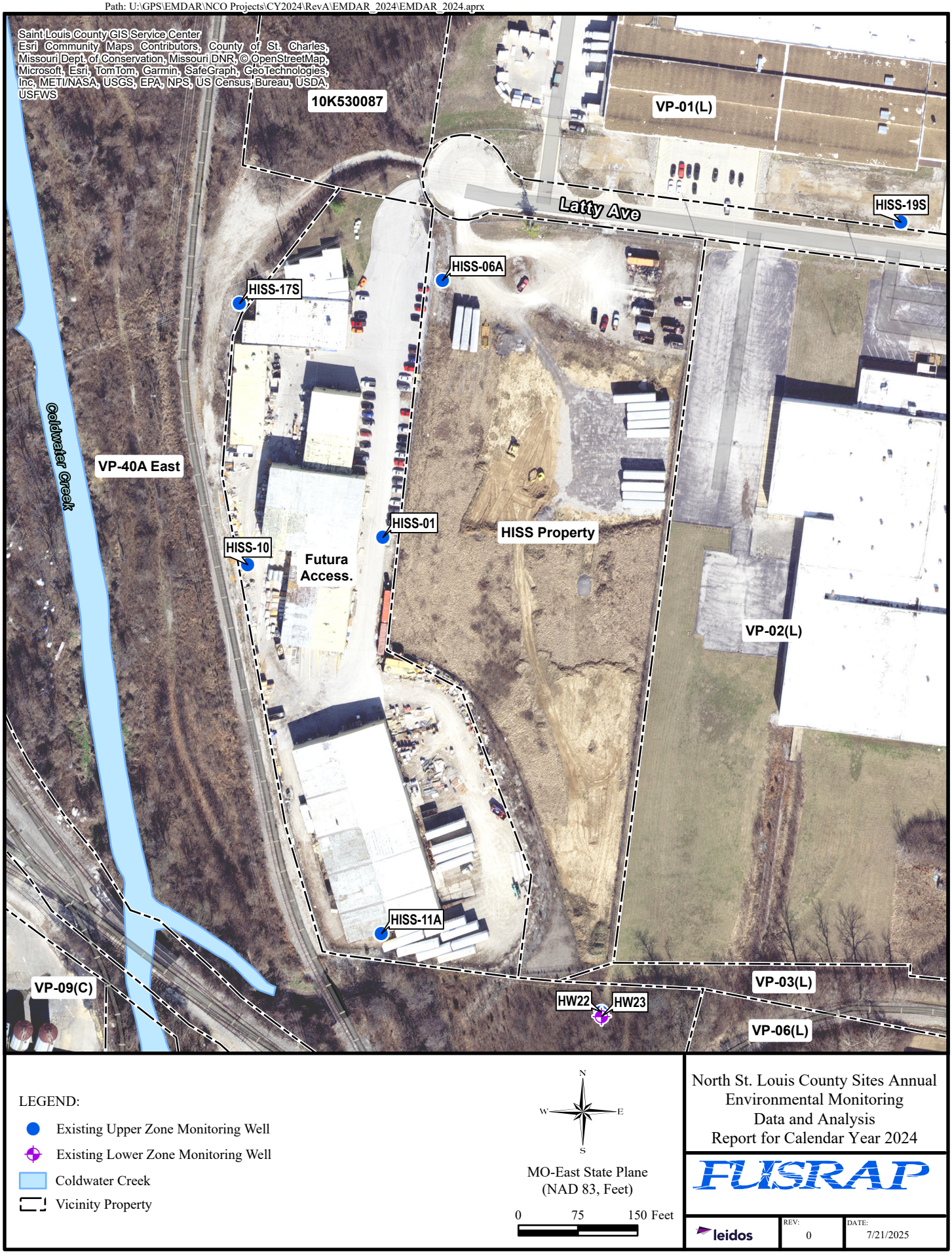
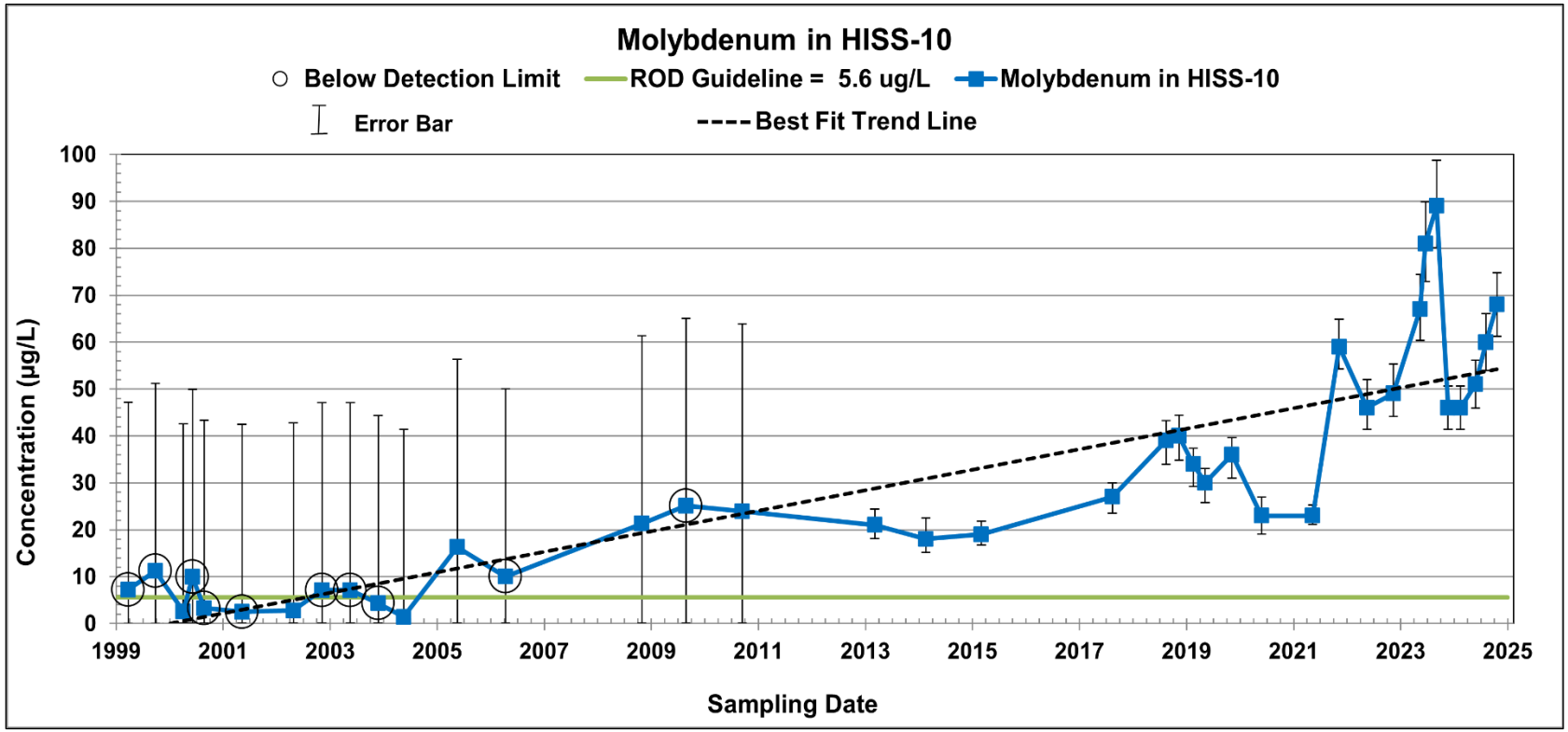
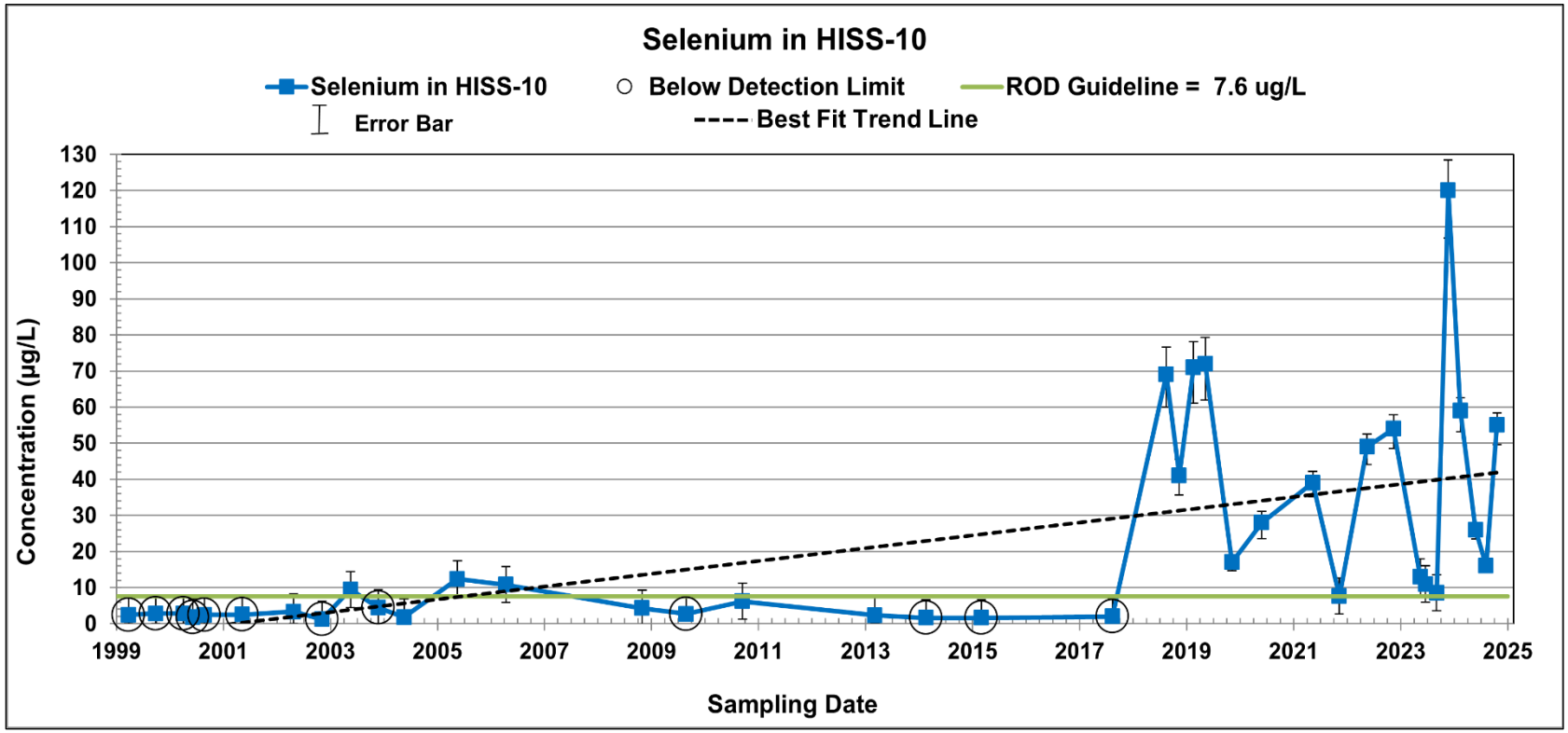


Figure 4-2. Existing Monitoring Well Locations at the Latty Avenue Properties



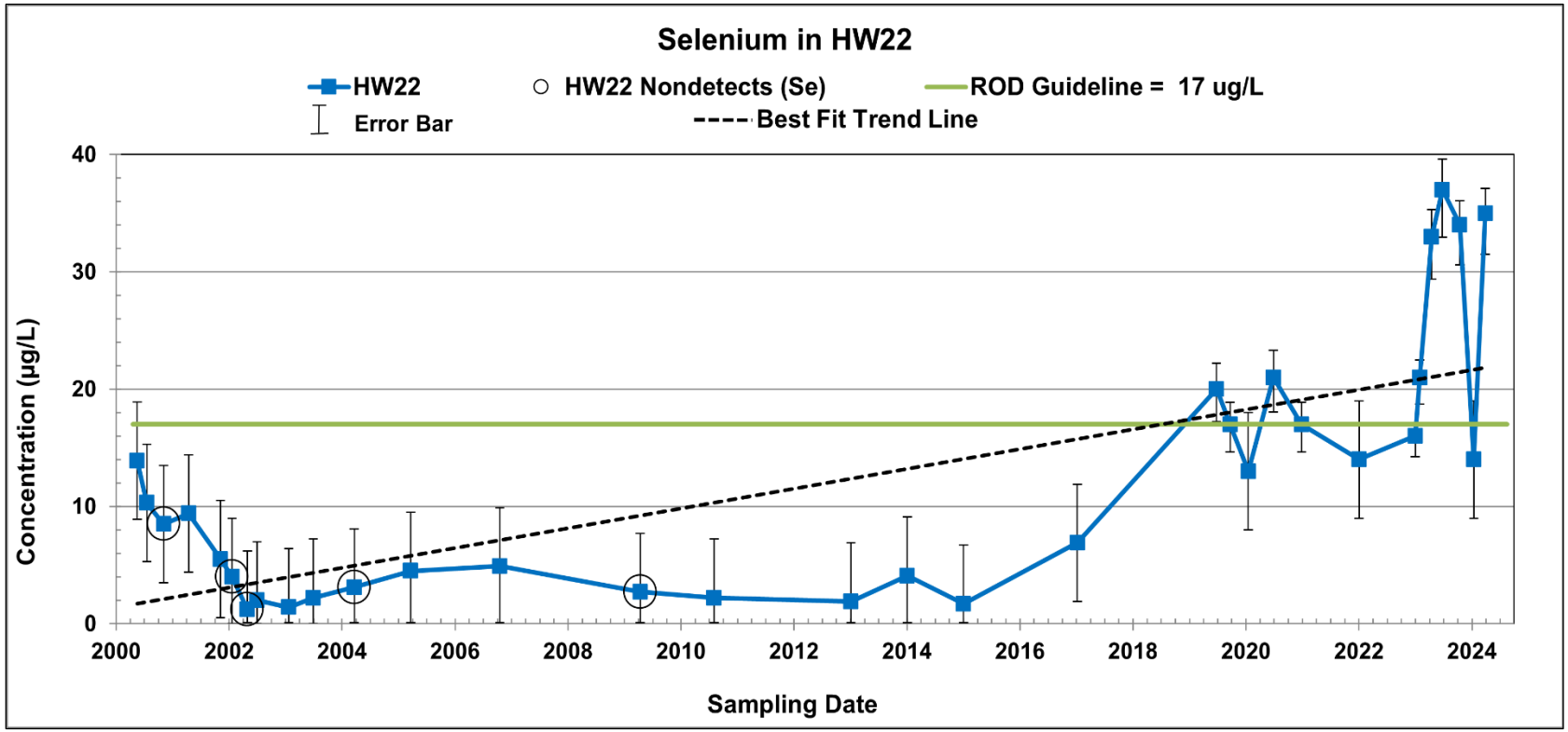
Notes:
For molybdenum results less than 3 times the RL, the error bar represents ± RL. The RL for molybdenum changed from 40 µg/L to 5 µg/L in CY 2011.
For molybdenum results exceeding 3 times the RL, the error bar represents the upper and lower control limits on the control spike samples.
Molybdenum error bars for 2003 and earlier are based on laboratory control limits for 2003. Error bars for 2004 and later are based on laboratory control limits reported for the respective years.

Figure 4-3a. Time-Versus-Concentration Plots for Molybdenum in Groundwater at HISS-10



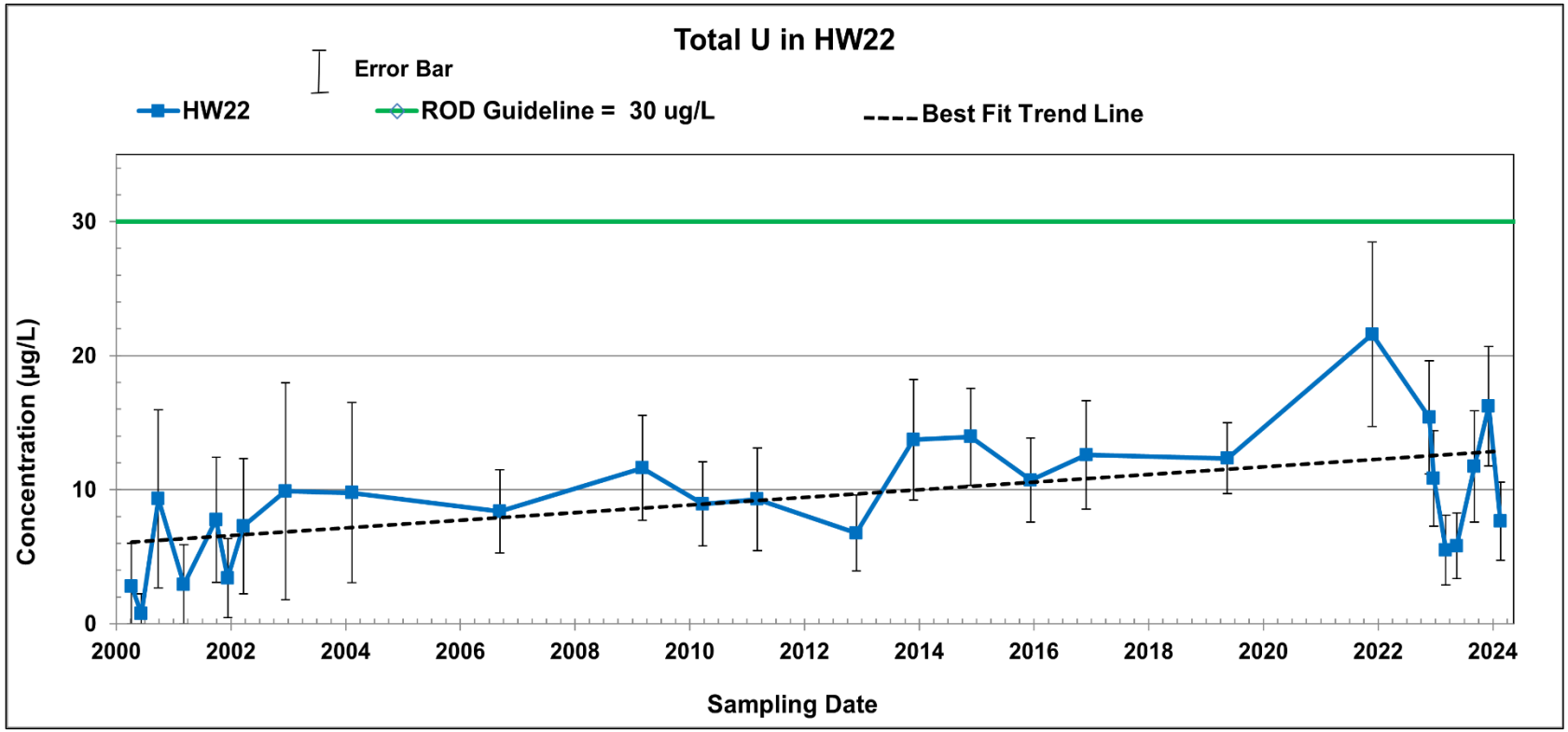
Notes:
For selenium results less than 3 times the RL, the error bar represents ± RL of 5 µg/L.
For selenium results exceeding 3 times the RL, the error bar represents the upper and lower control limits on the control spike samples.
Selenium error bars for 2003 and earlier are based on laboratory control limits for 2003. Error bars for 2004 and later are based on laboratory control limits reported for the respective years.

Figure 4-3b. Time-Versus-Concentration Plots for Selenium in Groundwater at HISS-10



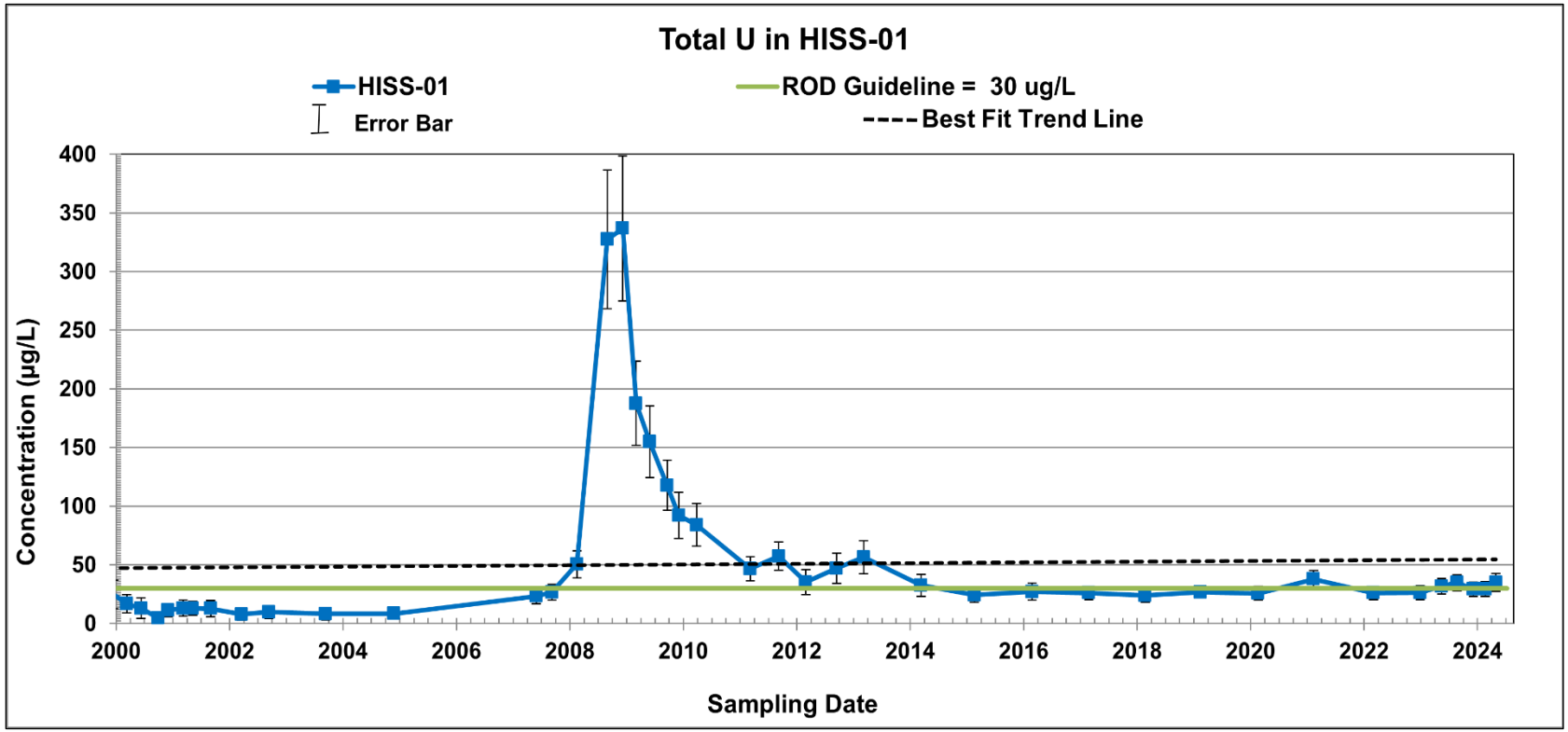
Notes:
For selenium results less than 3 times the RL, the error bar represents ± RL of 5 µg/L.
For selenium results exceeding 3 times the RL, the error bar represents the upper and lower control limits on the control spike samples.
Selenium error bars for 2003 and earlier are based on laboratory control limits for 2003. Error bars for 2004 and later are based on laboratory control limits reported for the respective years.

Figure 4-3c. Time-Versus-Concentration Plots for Selenium in Groundwater at HW22



Notes:
For total U, the error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238, converted to µg/L

Figure 4-3d. Time-Versus-Concentration Plots for Total U in Groundwater at HW22



Notes:
For total U, the error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238, converted to µg/L.

Figure 4-3e. Time-Versus-Concentration Plots for Total U in Groundwater at HISS-01

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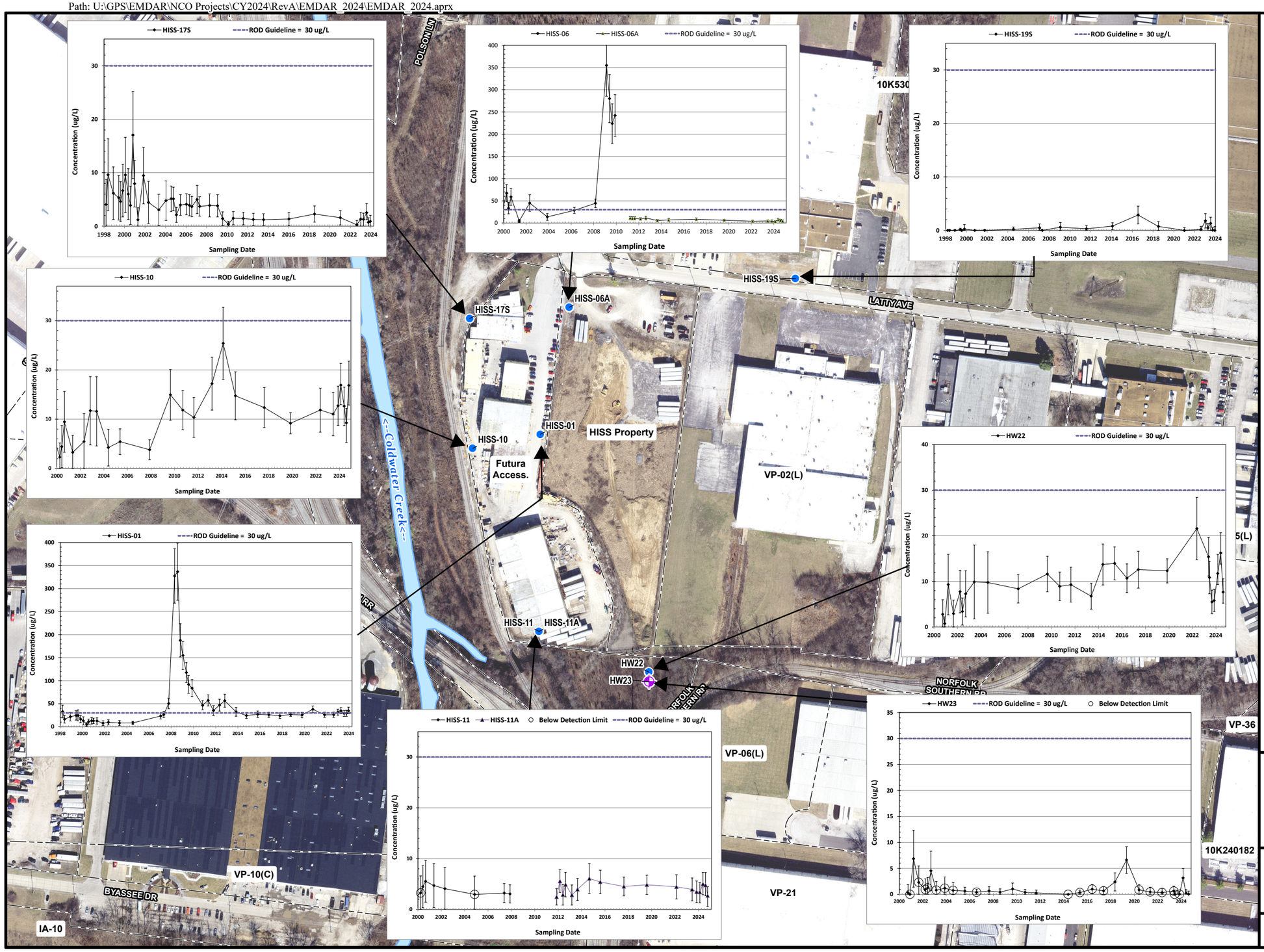

LEGEND:

- Existing HZ-A Monitoring Well
- Existing HZ-C Monitoring Well
- Coldwater Creek
- ROD Boundary
- Error Bars

N
W E
S

MO-East State Plane
(NAD 83, Feet)

0 125 250 Feet

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Figure 4-4. Total U Concentrations in Unfiltered Groundwater at the Latty Avenue Properties

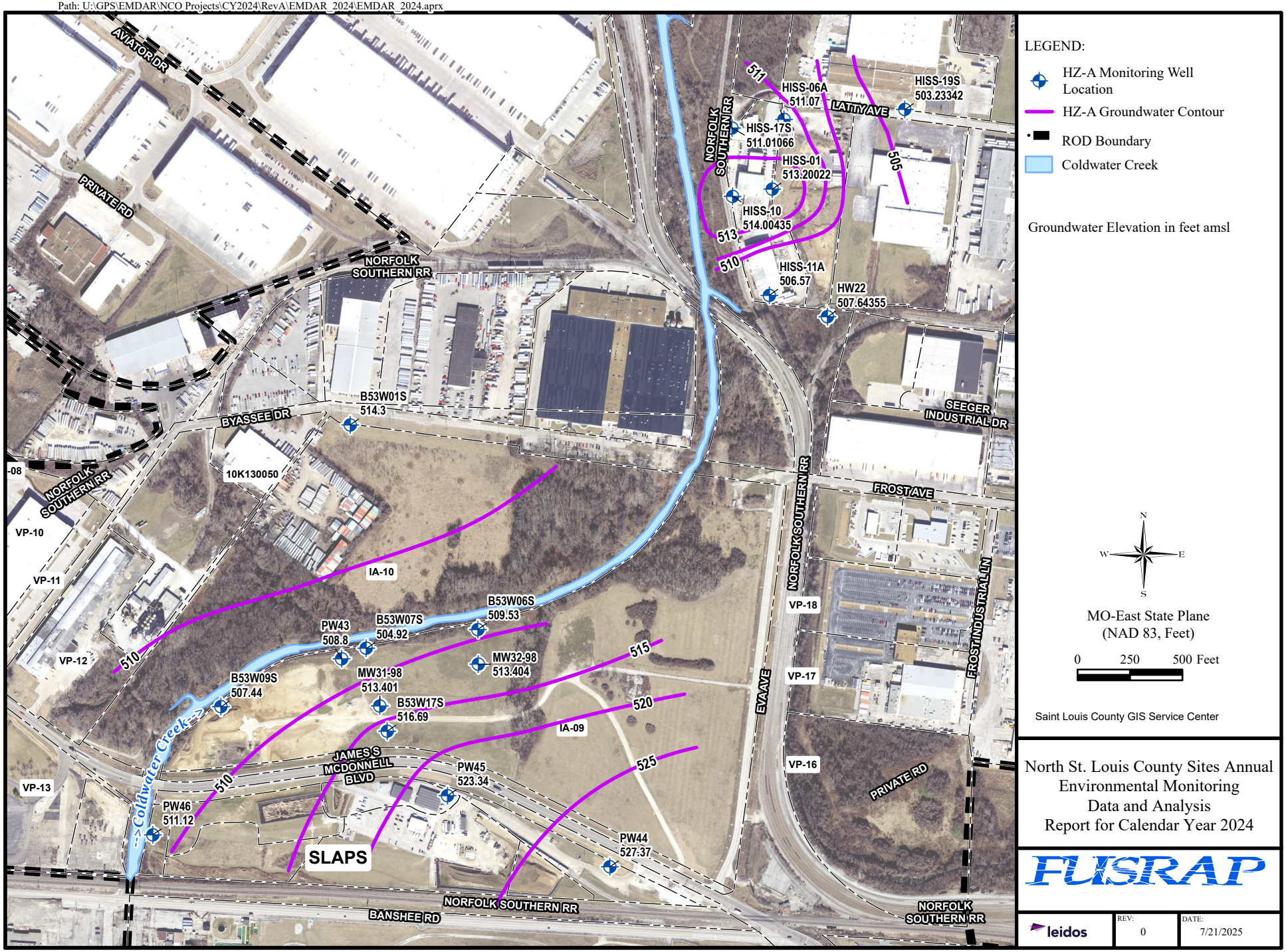


Figure 4-5. HZ-A Potentiometric Surface at the Latty Avenue Properties, the SLAPS, and the SLAPS VPs (February 9, 2024)

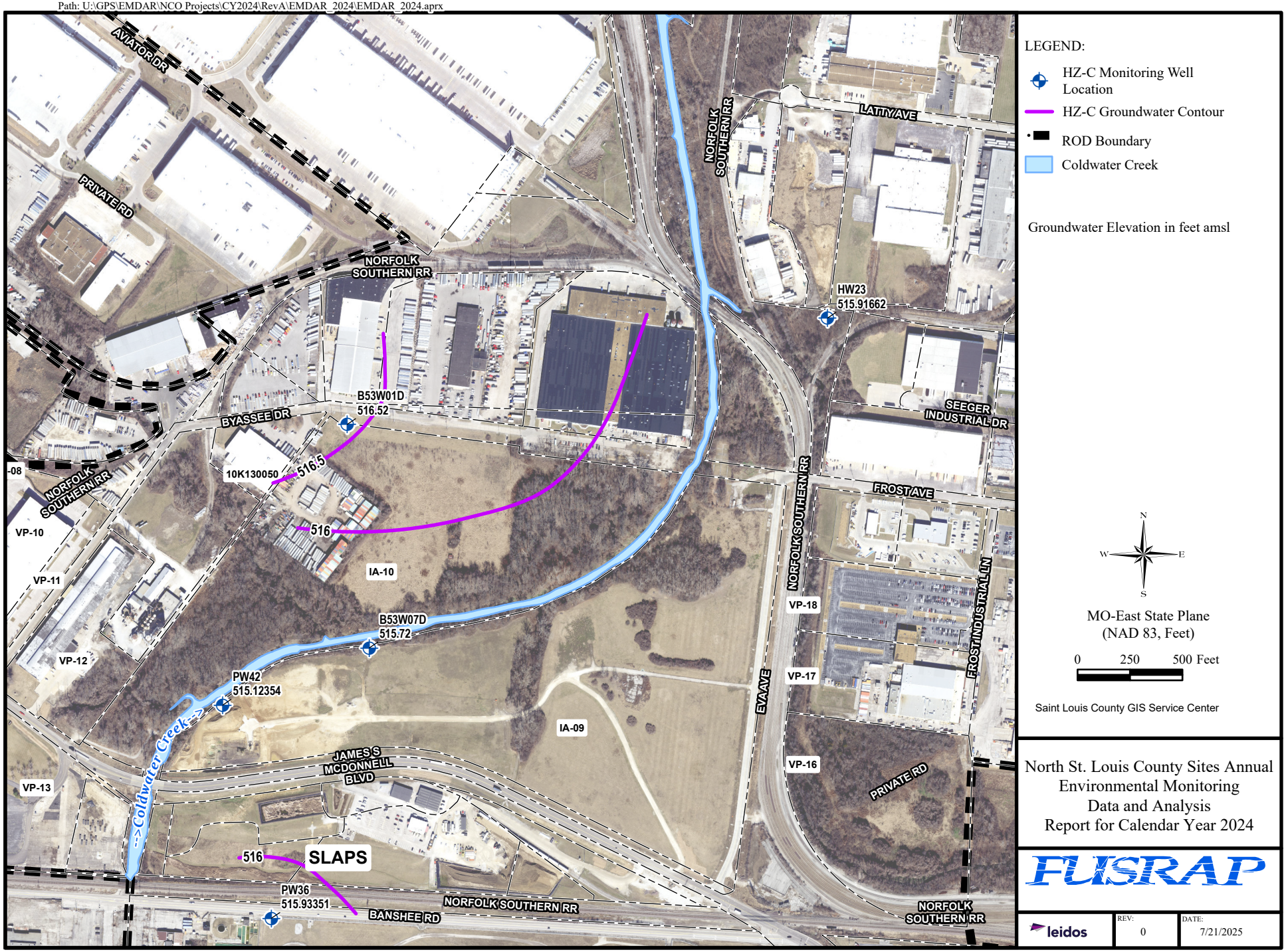


Figure 4-6. HZ-C Potentiometric Surface at the Latty Avenue Properties, the SLAPS, and the SLAPS VPs (February 9, 2024)

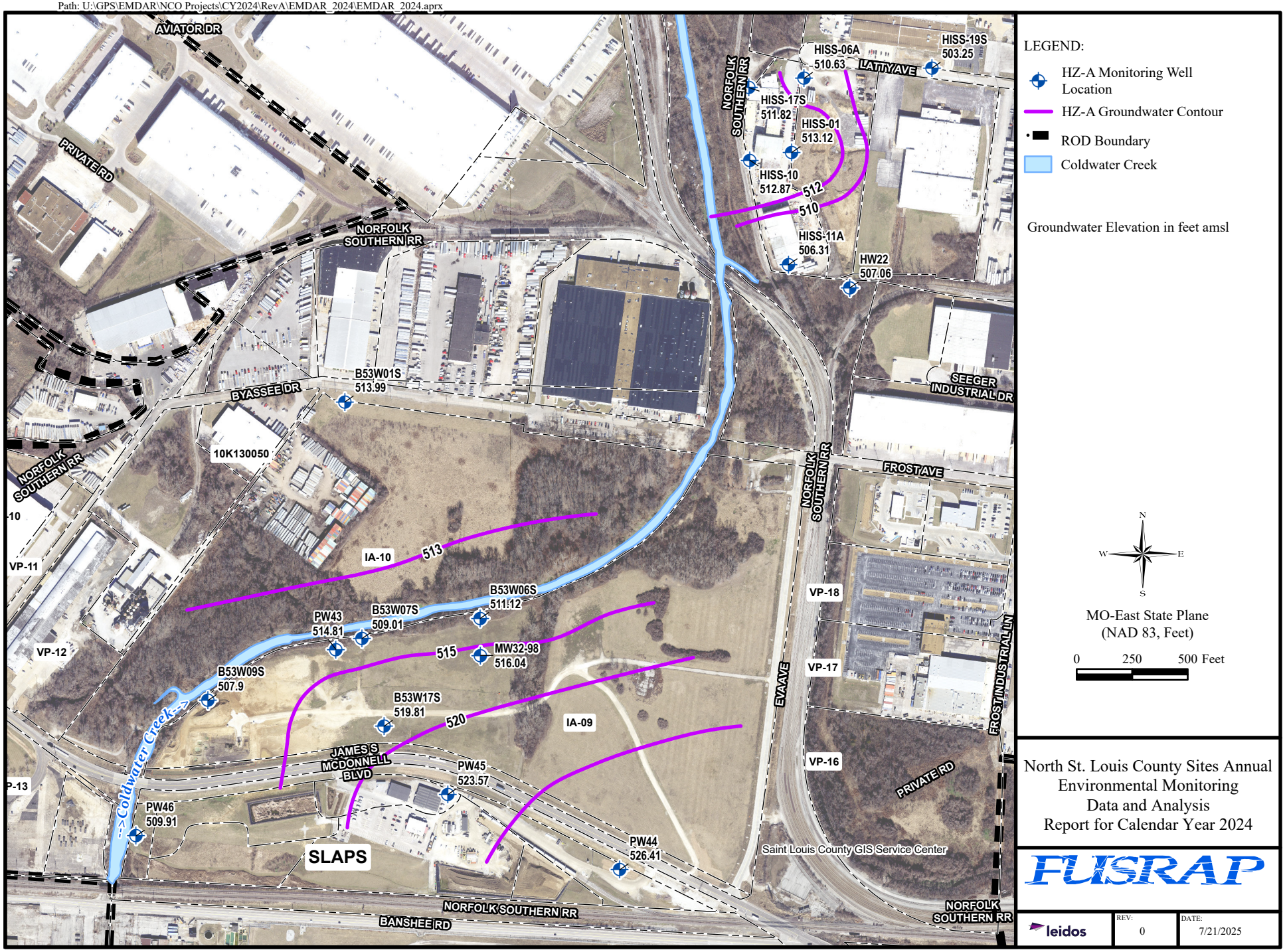


Figure 4-7. HZ-A Potentiometric Surface at the Latty Avenue Properties, the SLAPS, and the SLAPS VPs (August 1, 2024)

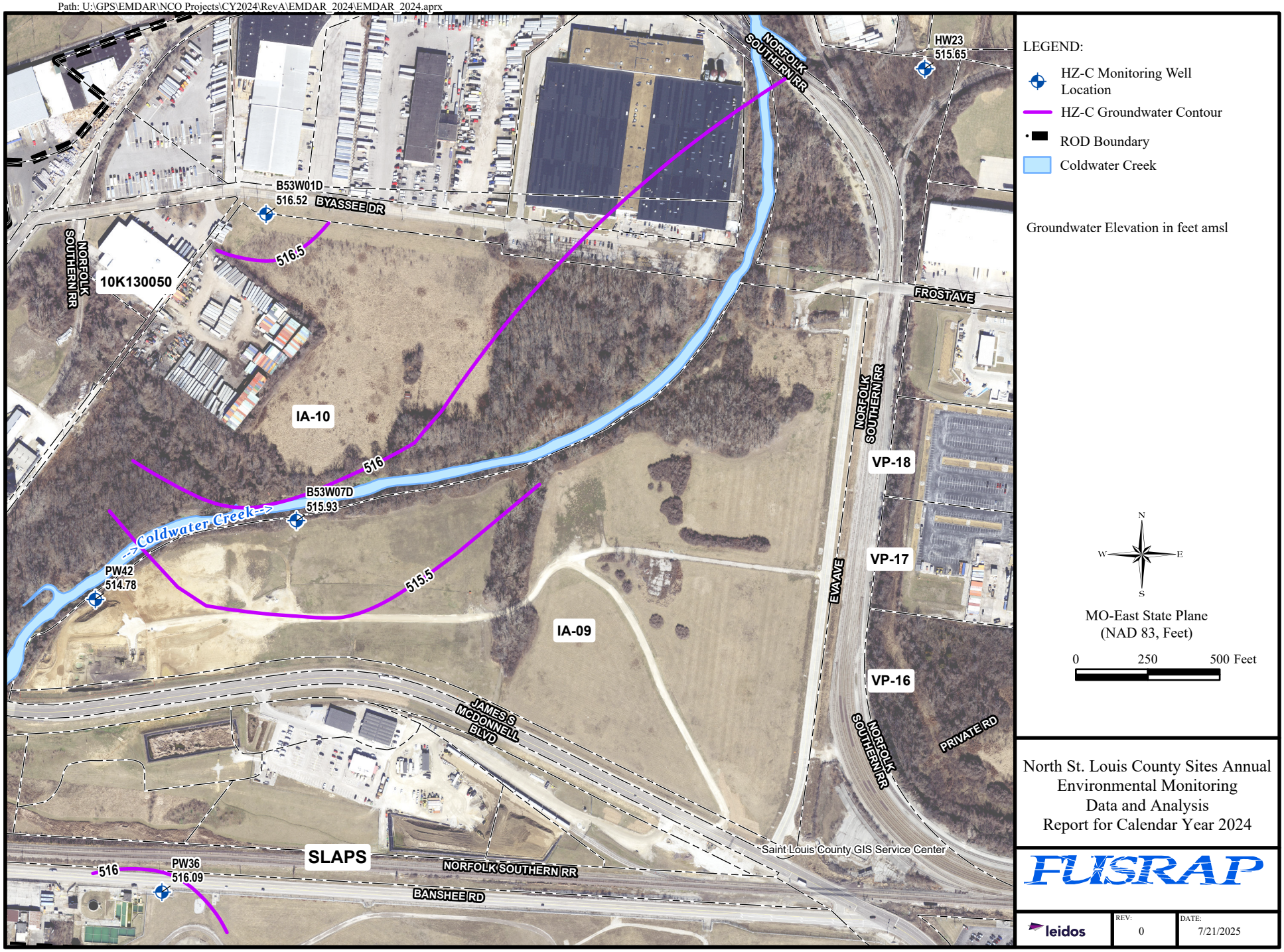
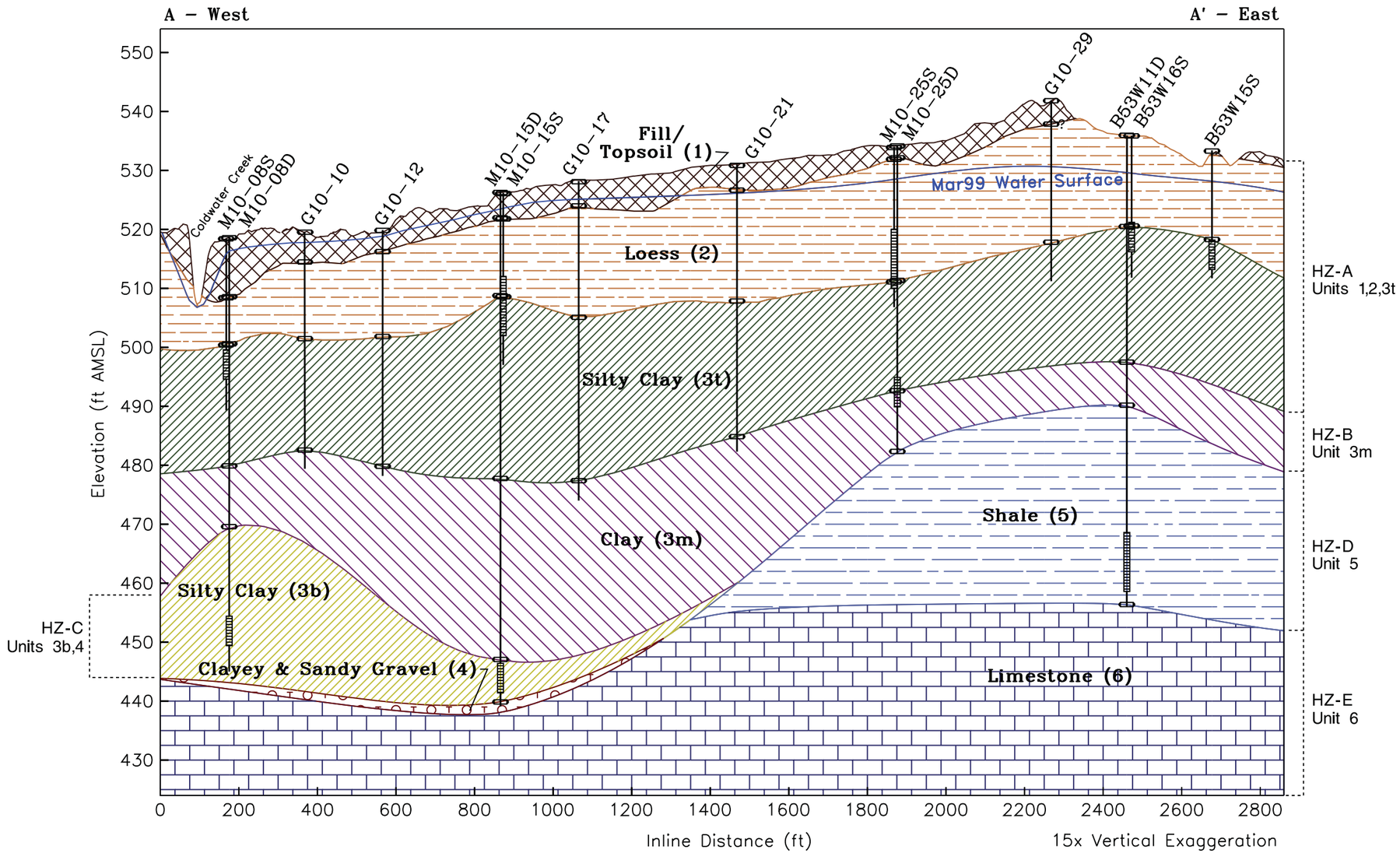


Figure 4-8. HZ-C Potentiometric Surface at the Latty Avenue Properties, the SLAPS, and the SLAPS VPs (August 1, 2024)



Notes

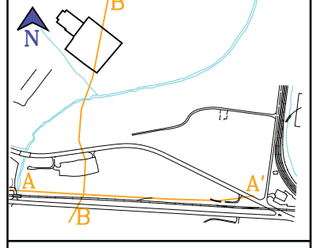
Geologic data used in the cross section collected through 2000.

Legend

Borehole pick

Well screen

Cross Section Location Map



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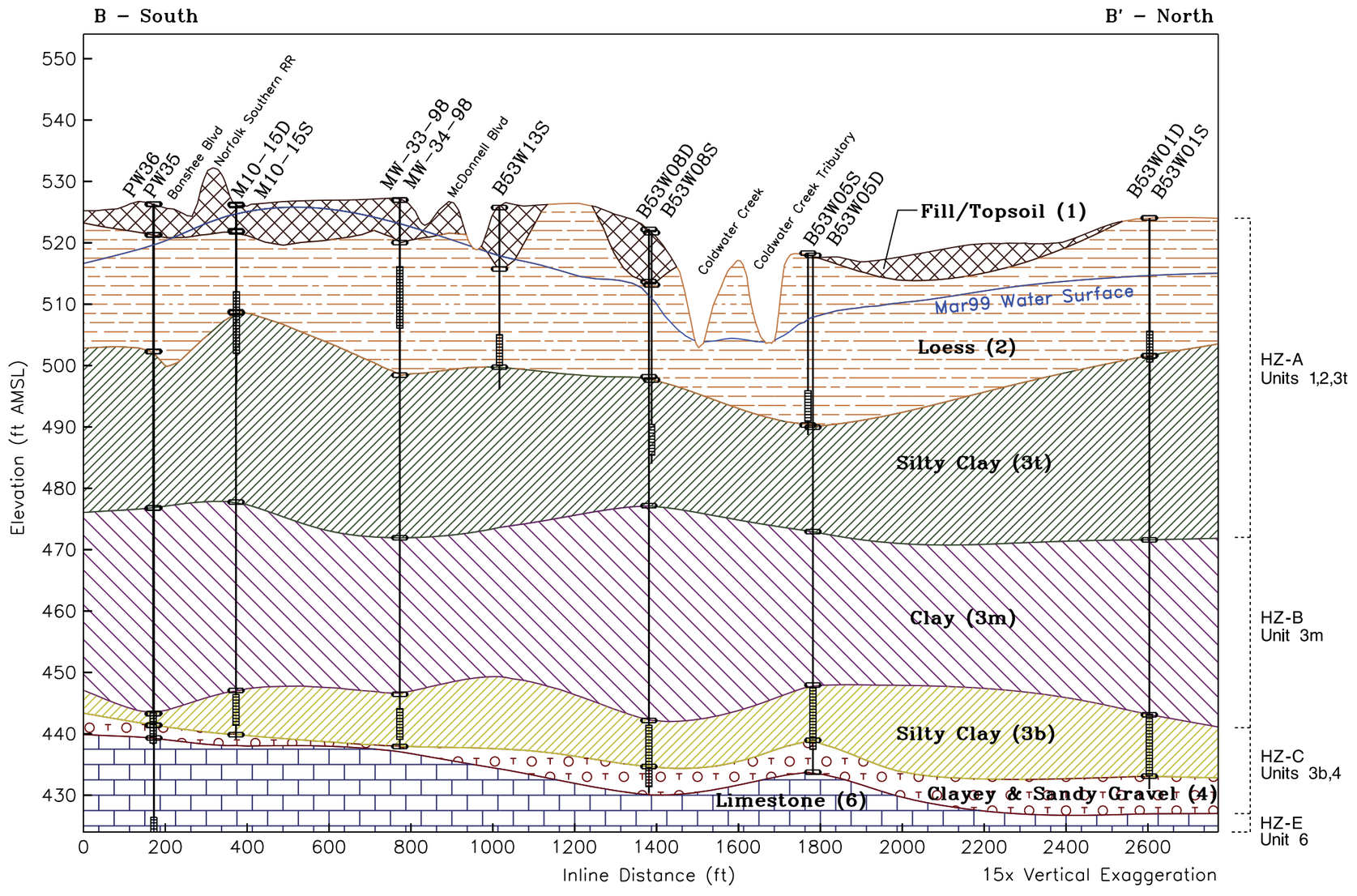
Author: leidos Date: 08/29/2000

SLAPSGlg05ExtendedAAS.sho

Figure 4-9. Geologic Cross-Section A-A' at the SLAPS



Notes

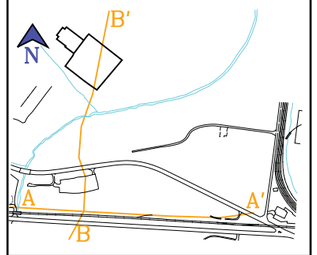
Geologic data used in the cross section collected through 2000.

Legend

Borehole pick

Well screen

Cross Section Location Map



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Revision: 0

Author: leidos Date: 8/29/2000

File: SLAPSGlg05ExtendedBBS.sho

Figure 4-10. Geologic Cross-Section B-B' at the SLAPS and the SLAPS VPs

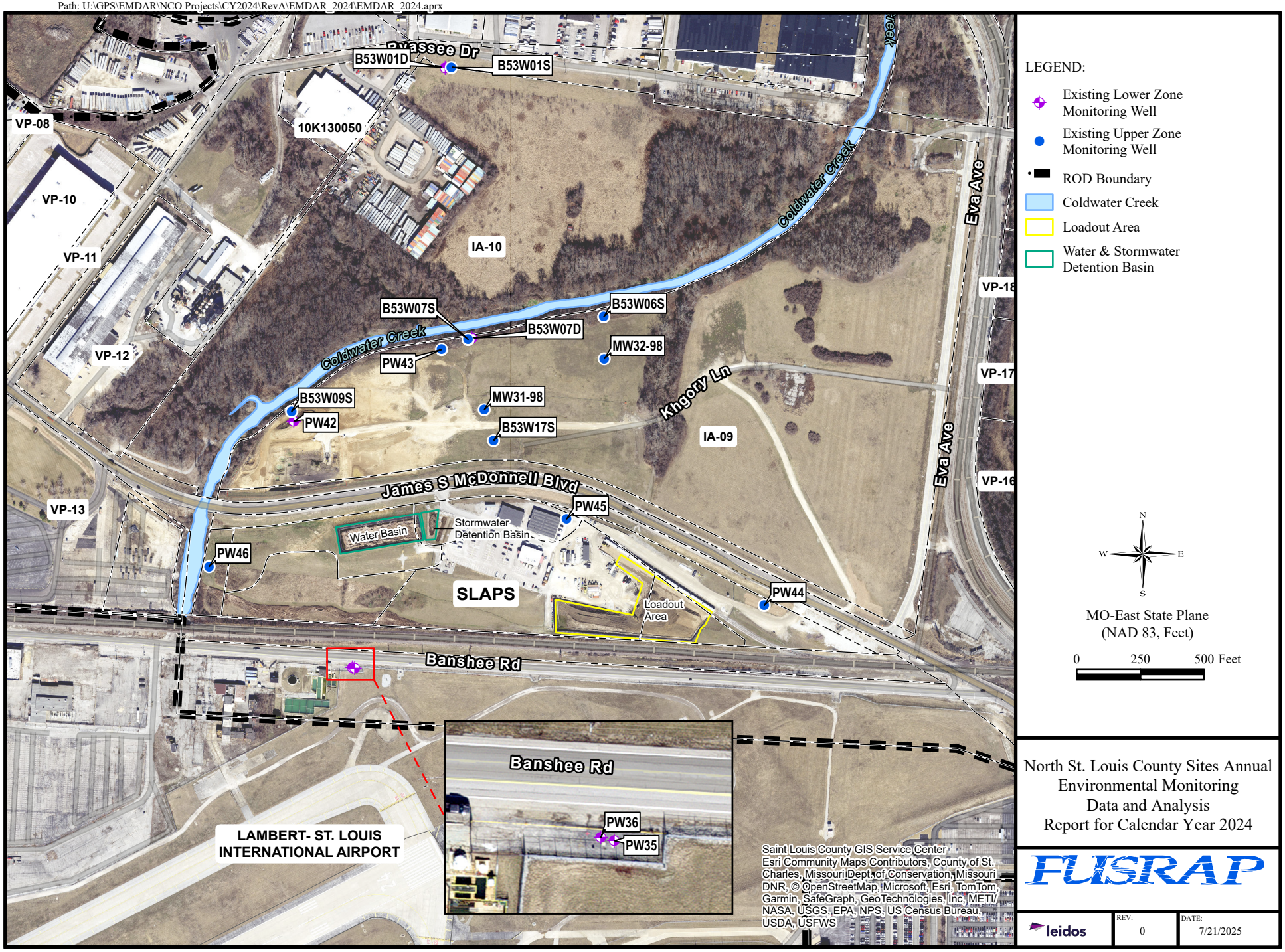
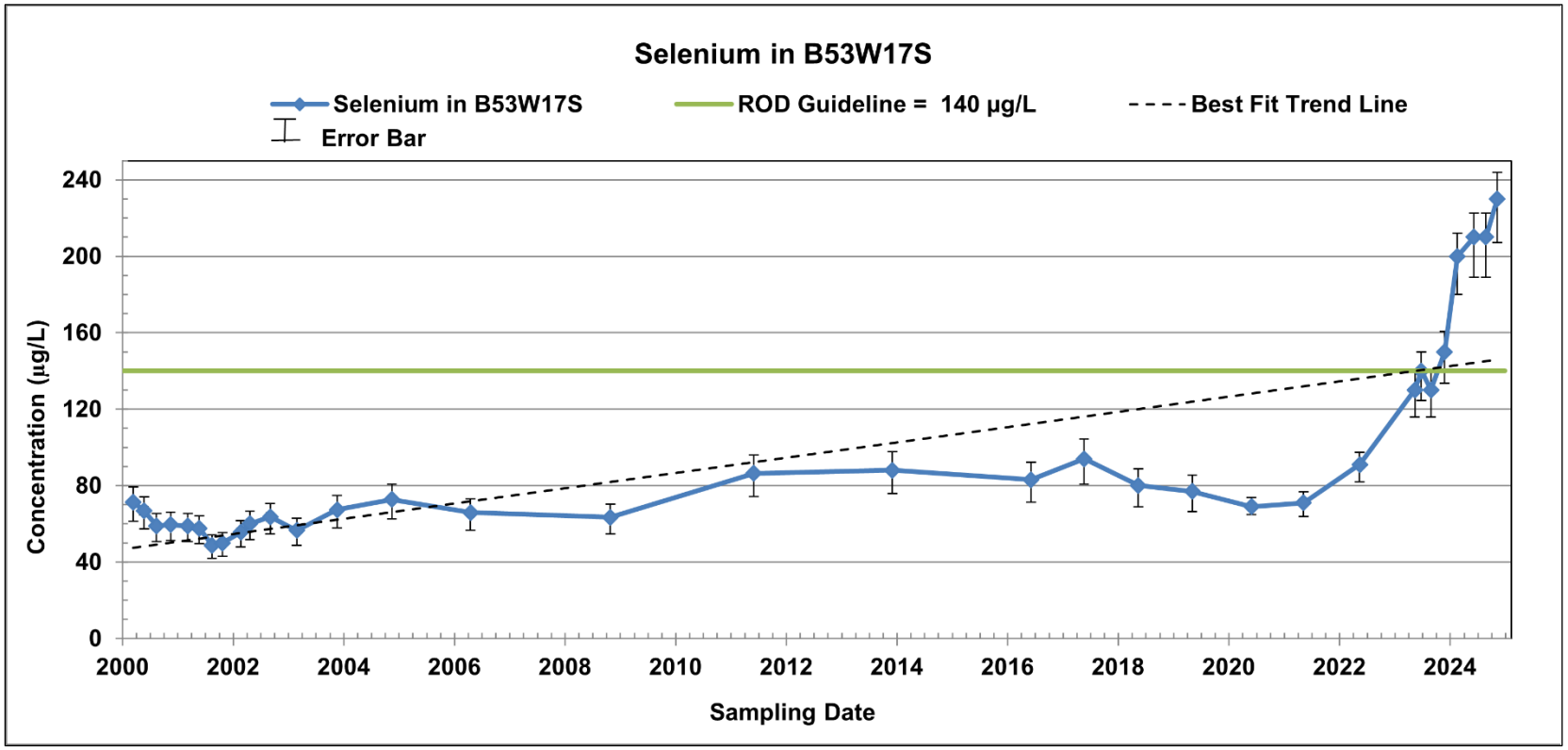
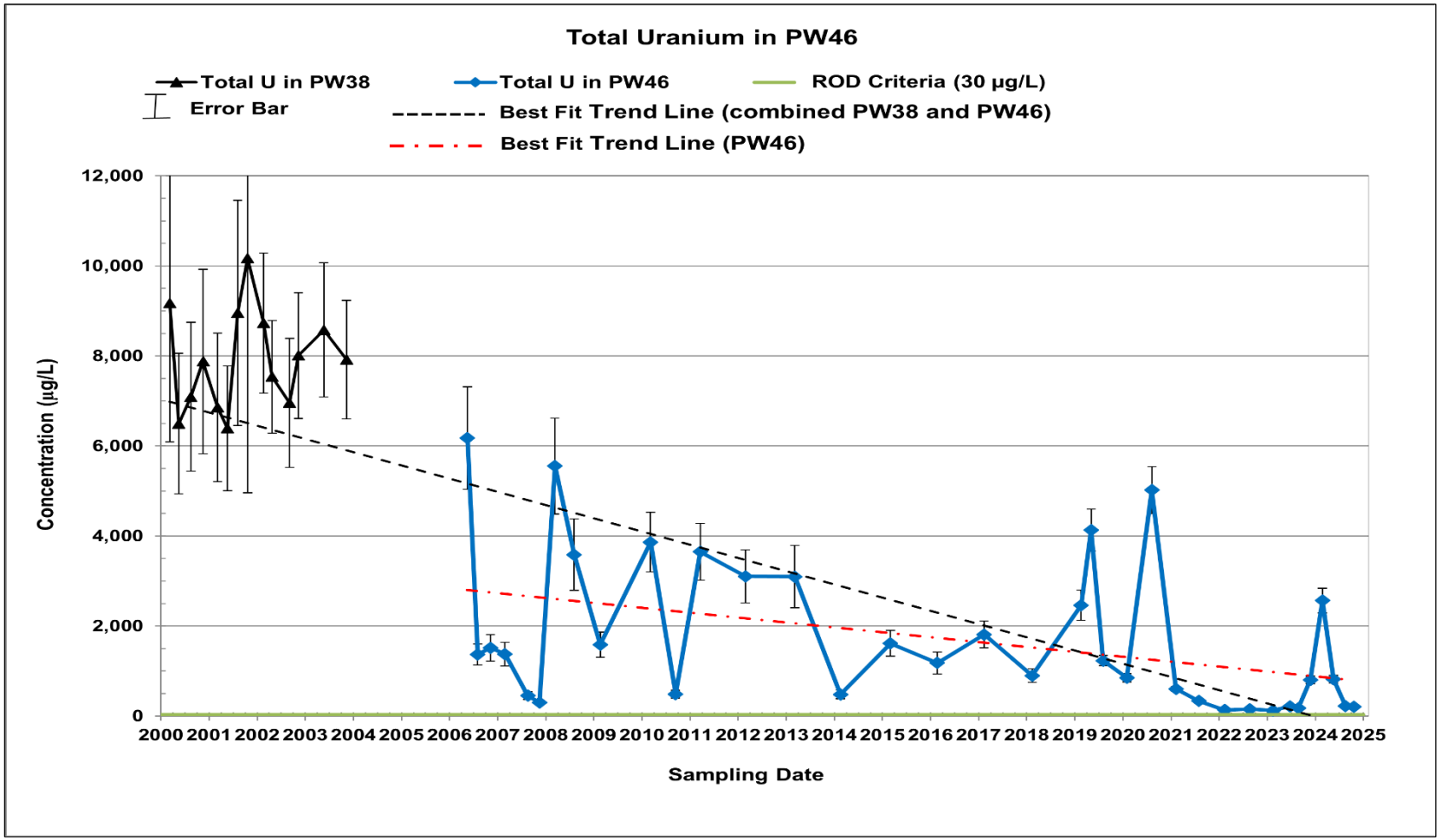


Figure 4-11. Existing Groundwater Monitoring Locations at the SLAPS and SLAPS VPs



Notes:
For results less than 3 times the RL, the error bar represents ± RL. For results exceeding 3 times the RL, the error bar represents the upper and lower control limits on the control spike samples.
For results reported below the DL (non-detect), the value plotted is half the DL.

Figure 4-12. Time-Versus-Concentration Graphs for Selenium in Groundwater at B53W17S



Note:
For total U, the error bar represents ± the sum of the measurement errors for U-234, U-235, and U-238, converted to µg/L.

Figure 4-13. Time-Versus-Concentration Graphs for Total U in Groundwater at PW46

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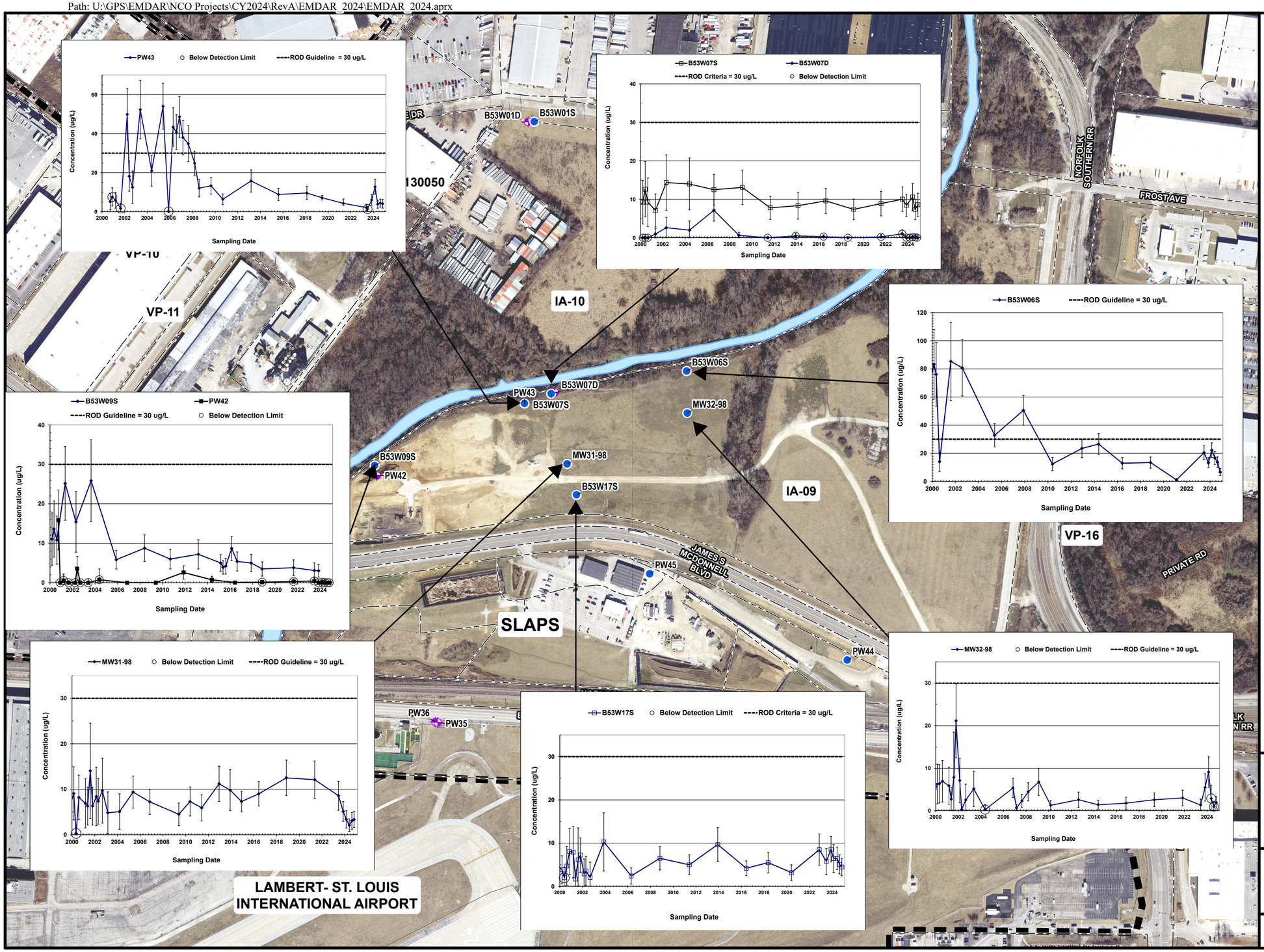

LEGEND:

- Existing HZ-C or HZ-E Monitoring Well
- Existing HZ-A Monitoring Well
- Coldwater Creek
- ROD Boundary
- Error Bars

N
W E
S

MO-East State Plane
(NAD 83, Feet)

0 250 500 Feet

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Figure 4-14a. Total U Concentrations in Unfiltered Groundwater at the SLAPS and the SLAPS VPs

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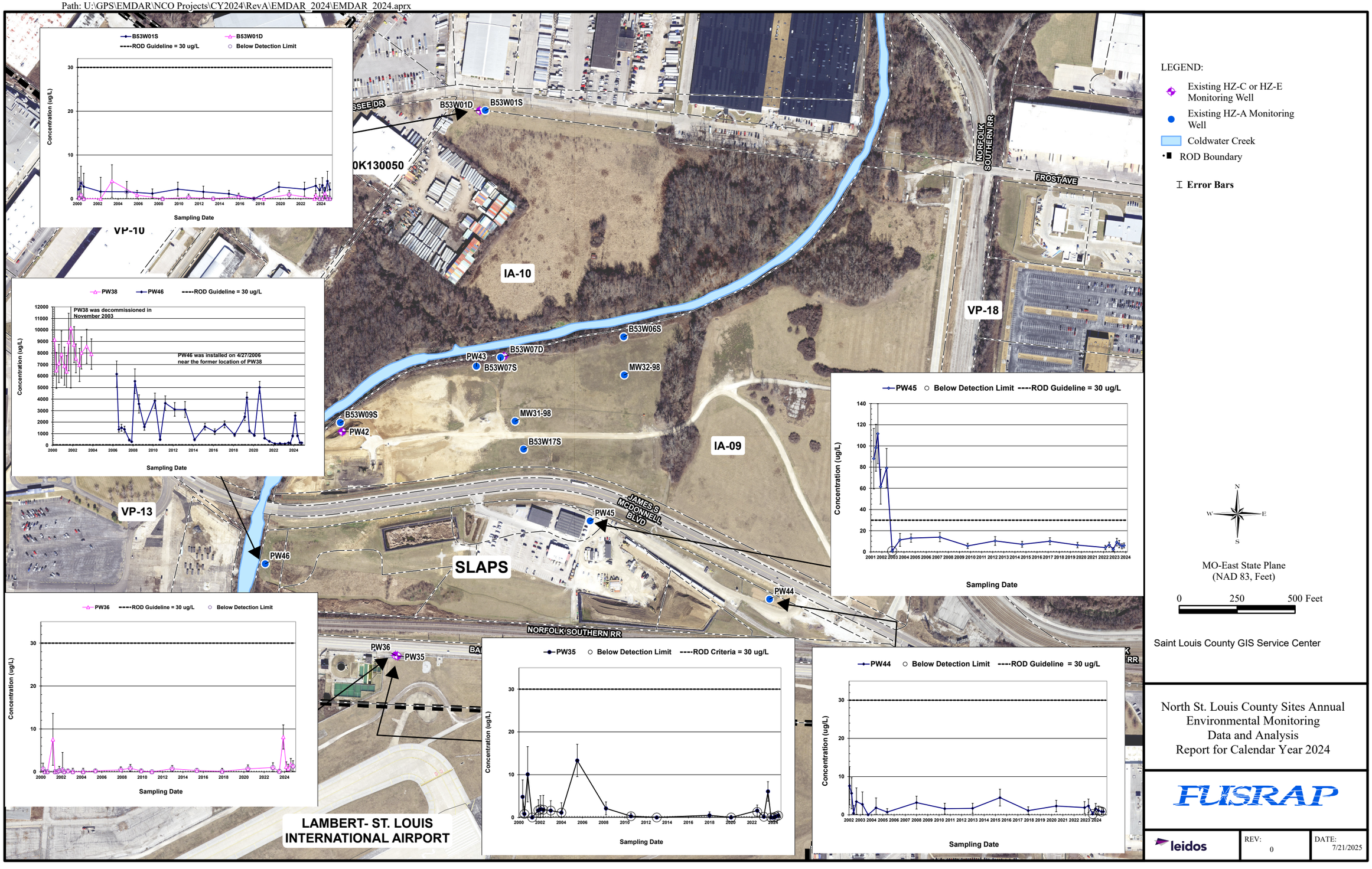

LEGEND:

- Existing HZ-C or HZ-E Monitoring Well
- Existing HZ-A Monitoring Well
- Coldwater Creek
- ROD Boundary

Error Bars

N
W E
S

MO-East State Plane
(NAD 83, Feet)

0 250 500 Feet

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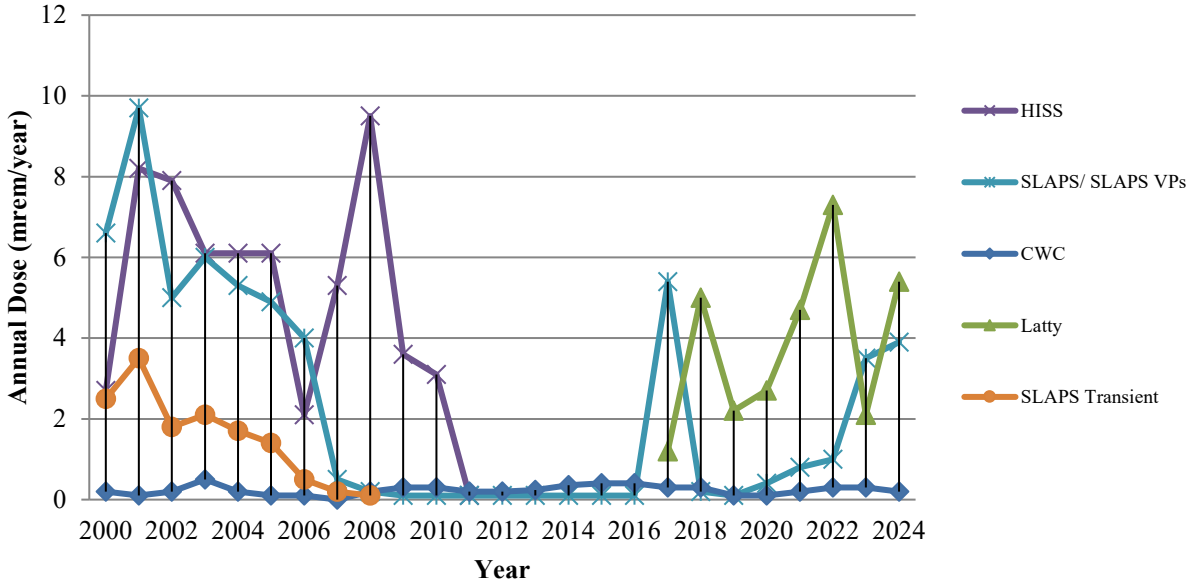
Figure 4-14b. Total U Concentrations in Unfiltered Groundwater at the SLAPS and the SLAPS VPs



Note:
The 10 *CFR* 20.1301 annual dose limit for members of the public is 100 mrem per year.

Figure 6-1. Dose Trends

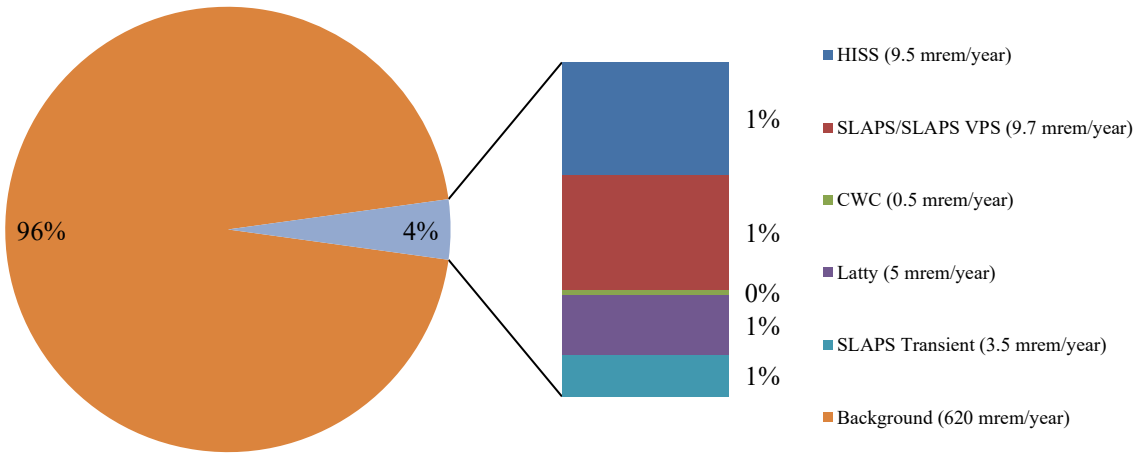


Figure 6-2. Maximum Dose Versus Background Dose

APPENDIX A

DOCUMENTS FINALIZED IN CALENDAR YEAR 2024 AND BLANK INTERIM LAND USE CONTROL INSPECTION FORMS

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The following documents were finalized in CY 2024.

- *Appendix A.17 Pre-Design Investigation Work Scope for Coldwater Creek – Group 14, Appendix A.17 to the Pre-Design Investigation Work Description* (January 16).
- *Pre-Design Investigation Summary Report Coldwater Creek – Group 9* (January 17).
- *Appendix A.18 Pre-Design Investigation Work Scope for Coldwater Creek – Group 16, Appendix A.18 to the Pre-Design Investigation Work Description* (January 22).
- *Remedial Design/Remedial Action Work Description James S. McDonnell Boulevard – East of the James S. McDonnell Boulevard Bridge to Eva Avenue* (March 7).
- *Interim Land Use Control and Inspection Plan for the North St. Louis County Sites.* (March 21).
- *Work Plan for Monitoring Well PW46 Groundwater Investigation.* (April 11).
- *Pre-Design Investigation Work Scope for Coldwater Creek − Group 17 (CWC-129 and CWC-132 through CWC-141), Appendix A.19 to the Pre-Design Investigation Work Description.* (May 8).
- *Evaluation of Background Concentrations in Soil at the North St. Louis County Sites* (June 12).
- *Final Status Survey Plan for the Soil, Structures, and Sediments at the St. Louis FUSRAP Sites* (June 12).
- *Final Status Survey Gamma Walkover and Sample Collection Protocol for Class 1 Survey Units* (June 12).
- *Pre-Design Investigation Summary Report and Final Status Survey Evaluation for Coldwater Creek (CWC)-Floodplain Properties CWC-462, CWC-470 through CWC-472, CWC-475 through CWC-484, CWC-486, CWC-487, CWC-491, CWC-523, and North Highway 67* (June 21).
- *Pre-Design Investigation Summary Report and Final Status Survey Evaluation for Coldwater Creek (CWC)-Floodplain Properties CWC-492, CWC-493, CWC-496, CWC-498, CWC-500, CWC-503, and CWC-504* (July 2).
- *North St. Louis County Sites Annual Environmental Monitoring Data and Analysis Report for CY 2023* (July 11).
- *Pre-Design Investigation Summary Report and Final Status Survey Evaluation for Coldwater Creek (CWC)-Floodplain Properties CWC-506 through CWC-511, CWC-513 through CWC-518, CWC-520 through CWC-522, CWC-524, CWC-525, CWC-534 through CWC-537, CWC-539, CWC-540, and Vacated Old Jamestown Road* (July 17).
- *Remedial Design/Remedial Action Work Description Vicinity Properties-56 West and -01(C), Supplement No. 18 to the Remedial Action Work Plan Coldwater Creek Properties* (July 25).
- *Engineering During Construction Data Summary Report Interstate 270 North Reconstruction Area.* (July 30).
- *Pre-Design Investigation Summary Report Coldwater Creek – Group 15 (CWC-101 and CWC-166 through -171)* (August 21).

- *Pre-Design Investigation Summary Report James S. McDonnell Boulevard – North Lindbergh Boulevard to Genaire Drive.* (August 21).
- *Pre-Design Investigation Summary Report Coldwater Creek – Group 12: West Bank (CWC-30 through CWC-33 and CWC-45)* (September 30).
- *Appendix A.20 Pre-Design Investigation Work Scope for Coldwater Creek – Groups 18 through 20 (CWC-143, CWC-144, CWC-146 through CWC-153, CWC-155, CWC-157 through CWC-159, CWC-261, CWC-262, and CWC Corridor, Appendix A.20 of the Pre-Design Investigation Work Description* (September 30).
- *Environmental Monitoring Implementation Plan for the North St. Louis Sites for Calendar Year 2025* (December 31).

ATTACHMENT A-1

BLANK INTERIM LAND USE CONTROL FORMS

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ATTACHMENT A-1-1

FORM FOR FUSRAP IN-PERSON INTERIM CONTROL CONFIRMATION THAT CONTAMINATED SOIL IS UNDISTURBED

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Block 1

Project: FUSRAP Interim Control Confirmation that Contaminated Soil is Undisturbed	**District**: St. Louis USACE	**Sheet** 1 of
	Inspection Type: In-Person	
Property Type: ☐ Resident Owner ☐ Resident Renter ☐ Non-Residential Public Area ☐ Commercial/Industrial		
Right of Entry? ☐ Yes ☐ No ☐ Not Applicable (NA) (UAV inspection)	**County Parcel #:**_____	
FUSRAP Property #:		
Basis for Identification of Soil Being Contaminated:_____		
Size of Area to Remain Undisturbed: ____ ft^2	**Vertical Location:** ☐ Surface ☐ Subsurface ☐ Both	

Block 2

Date:			**USACE Personnel:**
Quarter: ☐ 1st ☐ 2nd ☐ 3rd ☐ 4th			**Contractor Personnel:**
Yes	**No**	**NA**	**Item**
			Has there been a change in property owner since the last visit?
			If in-person inspection, was the resident/manager contacted during the visit?
			Is there any soil disturbance in or around the area of contaminated soil?
Soil disturbance caused by: ☐ Human activity ☐ Nature. Describe in the comments the evidence for human or nature.			
Covering Material: ☐ Vegetation ☐ Pavement ☐ Rip Rap ☐ None ☐ Other (specify):_____			

Comments: _____

Block 3. Map of Area of Contamination:	↑ Approx.North	Scale: ☐ Rough ☐ Actual 1 inch ≈ _____ feet

Recorded By/Date: _____

QA By/Date: _____

Form Version 01-15-2025

Block 4	**Project**: FUSRAP Interim Control Confirmation that Contaminated Soil is Undisturbed	**Sheet** 2 of
	FUSRAP Property #:	**Date:**

Block 5: Photograph(s) of Area of Contamination:

Remarks:

Recorded By/Date: _____

QA By/Date: _____

Form Version 01-15-2025

Block 4	**Project**: FUSRAP Interim Control Confirmation that Contaminated Soil is Undisturbed	**Sheet** 3 of
	FUSRAP Property #:	**Date:**

Block 5. Photograph(s) of Area of Contamination:

Remarks:

Recorded By/Date: _____

QA By/Date: _____

Form Version 01-15-2025

Block 4	**Project**: FUSRAP Interim Control Confirmation that Contaminated Soil is Undisturbed	**Sheet** 4 of
	FUSRAP Property #:	**Date:**

Block 5. Photograph(s) of Area of Contamination:

Remarks:

Recorded By/Date: _____

QA By/Date: _____

Form Version 01-15-2025

ATTACHMENT A-1-2

FORM FOR FUSRAP UNMANNED AERIAL VEHICLE INTERIM CONTROL CONFIRMATION THAT CONTAMINATED SOIL IS UNDISTURBED

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Block 1

Project: FUSRAP Interim Control Confirmation that Contaminated Soil is Undisturbed	**District**: St. Louis USACE	**Sheet** 1 of
	Inspection Type: Unmanned Aerial Vehicle (UAV)	

Property Type: ☐ Coldwater Creek Corridor ☐ Residential ☐ Non-Residential Public Area ☐ Commercial/Industrial

Right of Entry? Not Applicable (NA) (UAV inspection) — **County Parcel #:**_____

FUSRAP Property #: _____

Basis for Identification of Soil Being Contaminated:_____

Mile Location of Disturbed Area with Contamination: _____ (nearest tenth)

Vertical Location: ☐ Surface ☐ Subsurface ☐ Both

Block 2

Date: — **USACE Personnel:**

Quarter: ☐ 1st ☐ 2nd ☐ 3rd ☐ 4th — **Contractor Personnel:**

Yes	No	NA	Item
			Is there any soil disturbance in or around the area of contaminated soil?

Soil disturbance caused by: ☐ Human activity ☐ Nature**.** Describe in the comments the evidence for human or nature.

Covering Material: ☐ Vegetation ☐ Pavement ☐ Rip Rap ☐ None
☐ Other (specify):_____

Comments: _____

Block 3. Map of Area: ☐ Undisturbed ☐ Disturbed | ↑ Approx.North | Scale: ☐ Rough ☐ Actual 1 inch ≈ _____ feet

Recorded By/Date: _____ QA By/Date: _____

Form Version 01-15-2025

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ATTACHMENT A-1-3

FORM FOR FUSRAP IN-PERSON INTERIM CONTROL CONFIRMATION THAT SIGNS ARE INTACT

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Project: FUSRAP In-Person Interim Control Confirmation that Signs are Intact		**District**: St. Louis USACE	**Sheet** 1 of	**Date:**
USACE Personnel:		**Contractor Personnel:**		**Quarter:**
Parcel	**Sign Identification**	**Northing**	**Easting**	**Sign Intact**[a]

[a] Y clarifies that the sign is intact and undamaged. N indicates that there is damage or that the sign is missing. If N is answered, explain the damage in the "Comments" section below.

Comments:

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APPENDIX B

NORTH ST. LOUIS COUNTY FUSRAP SITES
2024 RADIONUCLIDE EMISSIONS NESHAP REPORT
SUBMITTED IN ACCORDANCE WITH REQUIREMENTS OF 40 *CFR* 61, SUBPART I

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ACRONYMS AND ABBREVIATIONS

Ac	actinium
AEC	Atomic Energy Commission
BNI	Bechtel National Inc.
CFR	*Code of Federal Regulations*
CWC	Coldwater Creek
CY	calendar year
DOE	U.S. Department of Energy
EDE	effective dose equivalent
FUSRAP	Formerly Utilized Sites Remedial Action Program
Futura	Futura Coatings Company
GIS	geographic information system
HEPA	high efficiency particulate air
HISS	Hazelwood Interim Storage Site
IA	investigation area
IAAAP	Iowa Army Ammunition Plant
MED	Manhattan Engineer District
NC	North St. Louis County
NESHAP	National Emission Standard for Hazardous Air Pollutants
Pa	protactinium
Ra	radium
RA	remedial action
SLAPS	St. Louis Airport Site
SLDS	St. Louis Downtown Site
SSA	Soil Spoils Area
STLAA	St. Louis Airport Authority
SU	survey unit
Th	thorium
U	uranium
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
VP	vicinity property

UNIT ABBREVIATIONS

Both English and metric units are used in this report. The units used in a specific situation are based on common unit usage or regulatory language (e.g., depths are given in feet, and areas are given in square meters). Units included in the following list are not defined at first use in this report.

°C	degrees Celsius (centigrade)
µCi/cm^3	microcurie(s) per cubic centimeter
µCi/mL	microcurie(s) per milliliter
Ci	curie(s)
Ci/pCi	curie(s) per picocurie
cm	centimeter(s)
cm^3	cubic centimeter(s)
g	gram(s)
kg	kilogram(s)
m	meter(s)
m^2	square meter(s)
m^3	cubic meter(s)
mL	milliliter(s)
mrem	millirem
pCi/g	picocurie(s) per gram
yd^3	cubic yard(s)

EXECUTIVE SUMMARY AND DECLARATION STATEMENT

This report presents the results of National Emission Standard for Hazardous Air Pollutants (NESHAP) calculations for the St. Louis Formerly Utilized Sites Remedial Action Program (FUSRAP) North St. Louis County (NC) Sites for calendar year (CY) 2024. The NESHAP requires the calculation of the effective dose equivalent (EDE) from radionuclide emissions to critical receptors. The report follows the requirements and procedures contained in 40 *Code of Federal Regulations (CFR)* 61, Subpart I, *National Emission Standards for Radionuclide Emissions from Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Not Covered by Subpart H*.

This report describes evaluations of sites at which a reasonable potential exists for radionuclide emissions due to St. Louis FUSRAP activities. These sites include the following: Coldwater Creek (CWC)-386, CWC-387, and CWC-388 (Northwest Bank of CWC); the investigation area (IA)-09 Ballfields; James S McDonnell Boulevard; the IA-09 Soil Staging Area (SSA); and the St. Louis Airport Site (SLAPS) Loadout area. No remedial action (RA) excavations near the Latty Avenue Properties were performed in CY 2024, and potentially contaminated soil is covered by asphalt/concrete, gravel/railroad ballast, and vegetative ground cover; therefore, dose due to air particulate emissions was assumed to be negligible. This report also evaluates radionuclide emissions from the FUSRAP St. Louis Radioanalytical Laboratory operations. Emissions from the sites and project laboratory were evaluated for the entire CY 2024 to provide a conservative estimate of total emissions.

The NESHAP standard of EDE to a critical receptor from radionuclide emissions is 10 mrem per year. None of the sites exceeded this standard. The EDEs from radionuclide emissions at the sites were calculated using soil characterization data, air particulate monitoring data, and the U.S. Environmental Protection Agency (USEPA) CAP88-PC modeling code, which resulted in an EDE of 1.3 mrem per year from the SLAPS, and of 3.1 mrem per year from the SLAPS vicinity properties (VPs). The EDE from the project laboratory emissions was calculated using the methodology prescribed in 40 *CFR* 61, Appendix D, *Methods for Estimating Radionuclide Emissions,* soil characterization data, and the USEPA CAP88-PC modeling code (USEPA 2020), resulting in an EDE of less than 0.1 mrem per year.

Evaluations for the SLAPS and the project laboratory resulted in an EDE of less than 10 percent of the dose standard prescribed in 40 *CFR* 61.102. These sites are exempt from the reporting requirements of 40 *CFR* 61.104(a).

DECLARATION STATEMENT – 40 *CFR* 61.104(a)(xvi)

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 *U.S. Code* 1001.

_____ _____

Signature Date

Office: U.S. Army Corps of Engineers, St. Louis District
Address: 114 James S McDonnell Boulevard
Hazelwood, MO 63042
Contact: Jon Rankins

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1.0 PURPOSE

This NESHAP report contains the EDE calculations from radionuclide emissions (exclusive of radon) to critical receptors from the NC Sites at which a reasonable potential existed for radionuclide emissions due to St. Louis FUSRAP activities. These sites include the following: CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC); IA-09 Ballfields; James S McDonnell Boulevard; the IA-09 SSA; the SLAPS Loadout area; and the project laboratory. The air emissions from the laboratory include fume hood stack releases of particulate radionuclides from sample preparation and separation activities. The air emissions from the other sites are ground releases of particulate radionuclides in soil as a result of windblown action and RA in the form of excavation and off-site disposal of soil.

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2.0 METHOD

Emission rates for the NC Sites were modeled using guidance documents (i.e., *A Guide for Determining Compliance with the Clean Air Act Standards for Radionuclide Emissions from NRC-Licensed and Non-DOE Federal Facilities* [USEPA 1989]) referenced in 40 *CFR* 61, Appendix E, *Compliance Procedures Methods for Determining Compliance with Subpart I*, and were measured by collection of environmental air samples. Emission rates for the laboratory were modeled using guidance in 40 *CFR* 61, Appendix D, *Methods for Estimating Radionuclide Emissions.* Emission rates were input into the USEPA computer code CAP88-PC, along with appropriate meteorological data and distances to critical receptors, to obtain the EDE from the air emissions. "Critical receptors," as used in this report, are the locations of the nearest residence, farm, business, and school.

Although 40 *CFR* 61.103 requires the use of the USEPA computer code COMPLY, USEPA no longer supplies technical support for COMPLY. However, the USEPA lists both COMPLY and CAP88-PC as atmospheric models for assessing dose and risk from radioactive air emissions (USEPA 2020). The USEPA continues to maintain and update the CAP88-PC modeling program and has updated it as recently as March 2020. In previous FUSRAP NESHAP reports, both COMPLY and CAP88-PC results have been compared. This comparison indicated that CAP88-PC is a comparable and conservative method of demonstrating compliance with 40 *CFR* 61, Subpart I. For these reasons, CAP88-PC was used in this report to demonstrate compliance with the NESHAP.

2.1 EMISSION RATE

Two methods were used to determine particulate radionuclide emission rates from the sites: (1) 40 *CFR* 61 Appendix D, *Methods for Estimating Radionuclide Emissions,* and (2) environmental air samples collected from the perimeter of a site.

For method one, emissions from laboratory fume hood exhaust during soil sample grinding operations and the dissolution of soil and water samples were evaluated using data from soil samples analyzed during CY 2024.

For method two, emissions during excavations and waste loadout were evaluated using air sampling data at the excavation and waste loadout perimeters.

2.2 EFFECTIVE DOSE EQUIVALENT

The EDE to critical receptors is obtained using USEPA computer code CAP88-PC, Version 4.1.1 (USEPA 2020). CAP88-PC uses a Gaussian plume equation to estimate the dispersion of radionuclides and is referenced by the USEPA to demonstrate compliance with the NESHAP emissions criterion in 40 *CFR* 61. An area ground release at a height of 1 m is modeled for the sites, and a stack release at a height of 6 m is modeled for the laboratory.

The EDE is calculated by combining doses from ingestion, inhalation, air immersion, and external ground surface. CAP88-PC contains historical weather data libraries for major airports across the country, and the results can be modeled for receptors at multiple distances from the emissions source.

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3.0 METEOROLOGICAL DATA

Meteorological data were obtained from the CAP88-PC code for the Lambert – St. Louis International Airport (wind file 13994.WND). Data in the file were accumulated from 1988 through 1992.

- Average Annual Wind Velocity: 4.446 m per second
- Average Annual Precipitation Rate: 111 cm per year
- Average Annual Air Temperature: 14.18 °C

Wind speed frequency data were obtained from Lambert – St. Louis International Airport (see Table B-1).

Table B-1. St. Louis Wind Speed Frequency

Wind Speed Group (Knots)	Frequency (Percent)
0 – 3	10
4 – 7	29
8 – 12	36
13 – 18	21
19 – 24	3
25 – 31	1

Note: Knot = 1.151 miles per hour

Wind direction frequency data were obtained from the CAP88-PC wind file, 13994.WND (see Table B-2).

Table B-2. St. Louis Wind Rose Frequency

Wind Direction		Wind Frequency (Percent)	Wind Direction		Wind Frequency (Percent)
Wind Toward	Wind From		Wind Toward	Wind From	
North	South	13.1	South	North	5.6
North-Northwest	South-Southeast	7.4	South-Southeast	North-Northwest	4.3
Northwest	Southeast	6.8	Southeast	Northwest	6.1
West-Northwest	East-Southeast	6.9	East-Southeast	West-Northwest	8.7
West	East	5.5	East	West	9.0
West-Southwest	East-Northeast	2.8	East-Northeast	West-Southwest	6.8
Southwest	Northeast	3.1	Northeast	Southwest	5.4
South-Southwest	North-Northeast	3.7	North-Northeast	South-Southwest	5.0

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4.0 LATTY AVENUE PROPERTIES UNDER ACTIVE REMEDIATION

4.1 SITE HISTORY

In 1966, Continental Mining and Milling Company of Chicago, Illinois, purchased the wastes stored at the SLAPS and began moving them to a property at 9200 Latty Avenue (known as the Futura Coatings Company [Futura] since 1979) for storage. In 1967, the Commercial Discount Corporation of Chicago, Illinois, purchased the residues, dried the materials, and shipped much of the material to Canon City, Colorado. Cotter Corporation purchased the remaining residues in 1969 and dried and shipped more material to Canon City during 1970. In 1973, the remaining undried material was shipped to Canon City, and leached barium sulfate was mixed with soil and transported to a St. Louis County landfill. During these activities, improper storage, handling, and transportation of materials caused the spread of materials along haul routes and to the adjacent VPs.

In 1979, the owner of the 9200 Latty Avenue property excavated approximately 13,000 yd^3 from the western half of the property prior to constructing a manufacturing facility. The material excavated at this time was stockpiled on the eastern half of the property at 9170 Latty Avenue, which has been known as the Hazelwood Interim Storage Site (HISS) since 1979. In 1984, Bechtel National Inc. (BNI) performed removal actions, including clearing, cleanup, and excavation of the property at 9200 Latty Avenue and the surrounding VPs. This action created approximately 14,000 yd^3 of additional contaminated soil, which was stockpiled at the HISS.

In 1986, the U.S. Department of Energy (DOE) provided radiological support to the cities of Hazelwood and Berkeley, Missouri, for a drainage and road improvement project. Soil with constituents in excess of DOE RA guidelines was excavated and stored at the HISS. This action resulted in an additional 4,600 yd^3 of material being placed at the HISS in a supplemental storage pile.

In 1996, the owner of the property to the east of the HISS, General Investment Funds Real Estate Holding Company, in consultation with the DOE, made commercial parking and drainage improvements on the property. This action resulted in the stockpiling of approximately 8,000 yd^3 of soil and debris in two interim storage piles located in the southwestern portion of the Latty Avenue VP-02(L). These piles were referred to as the Eastern Piles.

In 2000 and 2001, the U.S. Army Corps of Engineers (USACE) removed the Main, Supplemental, and Eastern Piles and shipped the material by rail to properly permitted disposal facilities. The ground surface on which the piles were previously located was covered by a layer of plastic and approximately 6 inches of gravel.

Beginning in 2001, pre-design investigation surveys and sampling were performed on the Latty Avenue Properties to determine soil areas and building surfaces requiring remediation or decontamination. The USACE remediated contaminated areas, decontaminated building surfaces, and performed final status surveys between 2007 and 2021.

4.2 MATERIAL HANDLING AND PROCESSING FOR CALENDAR YEAR 2024

No RA excavations near the Latty Avenue properties were performed in CY 2024, and potentially contaminated soil is covered by asphalt/concrete, gravel/railroad ballast, and vegetative ground cover; therefore, dose due to air particulate emissions was assumed to be negligible.

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5.0 ST. LOUIS AIRPORT SITE AND ST. LOUIS AIRPORT SITE VICINITY PROPERTIES UNDER ACTIVE REMEDIATION

5.1 SITE HISTORY

The Manhattan Engineer District (MED) acquired the SLAPS in 1946 to store uranium-bearing residuals generated at the St. Louis Downtown Site (SLDS) from 1946 through 1966. In 1966, these residuals were purchased by Continental Mining and Milling Company of Chicago, removed from the SLAPS, and placed in storage at 9200 Latty Avenue (known as Futura since 1979) under an Atomic Energy Commission (AEC) license. After most of the residuals were removed, site structures were demolished and buried on the property, along with approximately 60 truckloads of scrap metal and a vehicle that had become contaminated. In 1973, the U.S. Congress and the City of St. Louis agreed to transfer ownership from the AEC to the St. Louis Airport Authority (STLAA). The USACE conducted cleanup operations on the SLAPS from 1998 through 2007. Although remediation concluded at the SLAPS in 2007, a small portion of the site is still used to conduct waste storage and loadout activities. The SLAPS Loadout area was expanded in August of 2020.

5.2 MATERIAL HANDING AND PROCESSING FOR CALENDAR YEAR 2024

During CY 2024, excavations were conducted on CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC); the IA-09 Ballfields; James S McDonnell Boulevard; and waste loadout activities were conducted at the IA-09 SSA and the SLAPS Loadout facility. Air particulate samples were collected around excavation perimeters during active excavation on the SLAPS VPs and around the SLAPS Loadout area throughout CY 2024. Analytical results of air particulate samples were used to determine windblown in situ emissions.

5.3 SOURCE DESCRIPTION – RADIONUCLIDE SOIL CONCENTRATIONS

The radionuclide-specific concentrations on CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC); the IA-09 Ballfields; James S McDonnell Boulevard; the IA-09 SSA; and the SLAPS Loadout facility were determined by using air particulate data and radionuclide-specific activity fractions estimated from 2024 railcar waste characterization data collected by the remedial action contractor. Attachment B-1 of this NESHAP report contains Table B-1-1, a summary table of the radionuclide concentrations used to calculate the emission rate from each site.

5.4 LIST OF ASSUMED AIR RELEASES FOR CALENDAR YEAR 2024

Ground releases of particulate radionuclides in soil, as a result of windblown action and RA in the form of excavation of soil for CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC); the IA-09 Ballfields; and James S McDonnell Boulevard are assumed for the particulate radionuclide emission determinations from the SLAPS VPs at which excavations occurred in CY 2024. Other SLAPS VPs do not contribute to the emission determinations for periods of inactivity due to the low activity and vegetative cover.

Ground releases of particulate radionuclides as a result of windblown action during waste loadout activities are assumed for the particulate radionuclide emission determinations from the SLAPS Loadout facility.

Emissions from the project laboratory operations are also assumed for the particulate radionuclide emission determinations from the laboratory site, which is now located at the SLAPS. The specific information related to this evaluation is located in Section 6.0.

5.5 DISTANCES TO CRITICAL RECEPTORS

The distances to critical receptors are shown on Figures B-1, and B-2 and presented in Table B-3. Distances and directions to critical receptors are determined using tools in a geographic information system (GIS).

Table B-3. SLAPS and SLAPS VPs Critical Receptors for CY 2024

Sources	Nearest Residence		Farm		Business		School	
	Distance (m)	Direction	Distance (m)	Direction	Distance (m)	Direction	Distance (m)	Direction
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	50	East	2,300	Northwest	550	North	1,200	East
IA-09 Ballfields	1,300	Northwest	1,800	Northeast	200	East-Southeast	2,200	Northeast
James S McDonnell Boulevard	1,300	Northwest	1,600	Northeast	400	West	2,400	Northeast
IA-09 SSA	1,500	Northwest	1,600	Northeast	175	South	2,100	Northeast
SLAPS Loadout	1,700	Northwest	1,750	Northeast	200	West-Northwest	2,400	Northeast

5.6 EMISSIONS DETERMINATION

5.6.1 Measured Airborne Radioactive Particulate Emissions

Particulate air samples were collected from around the perimeter of active excavations and the SLAPS Loadout area to measure the radionuclide emissions. The sample results provide the basis for determining the radionuclide emission rates during all of CY 2024. The average gross alpha and gross beta concentrations (in µCi/mL) were determined for each monitoring location for CY 2024. The site average concentrations are presented in Table B-4.

Table B-4. SLAPS and SLAPS VPs Average Gross Alpha and Beta Airborne Particulate Emissions for CY 2024

Monitoring Location	Average Concentration (µCi/mL)[a]	
	Gross Alpha	Gross Beta
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	9.85E-15	3.53E-14
IA-09 Ballfields	1.08E-14	3.29E-14
James S McDonnell Boulevard	1.02E-14	3.49E-14
IA-09 SSA	1.06E-14	3.48E-14
SLAPS Loadout	9.45E-15	2.78E-14
Background Concentration[b]	1.29E-14	3.71E-14

[a] Average concentration values for the sampling period by location.
[b] These concentrations are provided for informational purposes only. As a conservative approach, background values were not subtracted from the gross average concentration during the determination of EDE.

Radionuclide-specific activity fractions are determined from the average radionuclide concentration data established using 2024 railcar data from the excavated areas for the SLAPS VPs and for the SLAPS Loadout facility. The product of each radionuclide activity fraction and the gross

concentration provide the radionuclide emission concentration as measured in μCi/cm^3. The gross average concentration (in μCi/cm^3) is converted to a release (emission) rate (in Ci per year) using Equations 1 and 2.

A Guide for Determining Compliance with the Clean Air Act Standards for Radionuclide Emissions from NRC-Licensed and Non-DOE Federal Facilities (USEPA 1989) includes Equation 1 for determination of the effective diameter of a non-circular stack or vent.

$$D = (1.3\ A)^{1/2} \qquad \textit{Equation 1}$$

where:

D = the effective diameter of the release (in m)
A = the area of the stack, vent, or release point (in m^2)

Table B-5 provides the effective surface area available for release of airborne radionuclides normalized to 1 year and the effective diameter for the SLAPS and excavated SLAPS VPs. Calculation of the effective surface area is contained in Attachment B-1 of this NESHAP report.

Table B-5. SLAPS and SLAPS VPs Excavation Effective Areas and Effective Diameters for CY 2024

Location	Effective Area (m^2)	Effective Diameters (m)
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	201	16
IA-09 Ballfields	751	31
James S McDonnell Boulevard	3,432	67
IA-09 SSA	2,521	57
SLAPS Loadout	5,014	81

The average annual wind speed for the Lambert – St. Louis International Airport is provided in CAP88-PC as 4.446 m per second. Conversion of this wind speed to a flow rate through stacks with the listed effective diameters for each area is completed using Equation 2.

$$F = V\ \pi\ (D)^2 / 4 \qquad \textit{Equation 2}$$

where:

V = the wind velocity (in m per minute) = 266.76 m per minute
F = the flow rate (in m^3 per minute)
π = a mathematical constant
D = the effective diameter of the release (in m) determined using Equation 13 from *A Guide for Determining Compliance with the Clean Air Act Standards for Radionuclide Emissions from NRC-Licensed and Non-DOE Federal Facilities* (USEPA 1989)

Converting the velocity of emissions from the sites to an effective flow rate results in the following site release flow rates for the SLAPS and the SLAPS VPs, as listed in Table B-6. The product of the flow rate, the activity fraction associated with each radionuclide, and the appropriate conversion factors provide the site emission rate for each radionuclide, as contained in Table B-7. Attachment B-1 of this NESHAP report contains flow rate and average radionuclide concentration data.

Table B-6. SLAPS and SLAPS VPs Site Release Flow Rates for CY 2024

Location	Site Release Flow Rate (m^3/minute)
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	5.5E+04
IA-09 Ballfields	2.0E+05
James S McDonnell Boulevard	9.3E+05
IA-09 SSA	6.9E+05
SLAPS Loadout	1.4E+06

5.6.2 St. Louis Airport Site and St. Louis Airport Site Vicinity Properties Total Airborne Radioactive Particulate Emission Rates

The total CY 2024 emission/release rates input into the USEPA codes for the SLAPS and the SLAPS VPs are shown in Table B-7 and are based on the measured emission rates from the air samples collected from the perimeter of the excavation or loadout area as appropriate.

Table B-7. SLAPS and SLAPS VPs Total Airborne Radioactive Particulate Emission Rates for CY 2024

Radionuclide	Emission (Ci/year)[a]				
	CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	IA-09 Ballfields	James S McDonnell Boulevard	IA-09 SSA	SLAPS Loadout
Uranium (U)-238	1.3E-05	2.0E-05	2.9E-04	2.4E-04	2.0E-04
U-235	5.0E-07	1.2E-06	2.0E-05	1.6E-05	1.3E-05
U-234	1.3E-05	2.0E-05	2.9E-04	2.4E-04	2.0E-04
Radium (Ra)-226	2.3E-05	4.7E-05	4.2E-04	3.4E-04	3.6E-04
Thorium (Th)-232	1.1E-05	4.8E-06	2.0E-04	1.6E-04	1.1E-04
Th-230	1.1E-05	1.0E-03	3.4E-03	2.5E-03	5.5E-03
Th-228	2.0E-04	4.8E-06	2.0E-04	1.6E-04	1.1E-04
Ra-224	1.1E-05	4.8E-06	2.0E-04	1.6E-04	1.1E-04
Th-234	2.6E-04	1.4E-03	5.0E-03	3.6E-03	6.4E-03
Protactinium (Pa)-234m	2.6E-04	1.4E-03	5.0E-03	3.6E-03	6.4E-03
Th-231	1.1E-05	8.3E-05	3.5E-04	2.5E-04	4.3E-04
Ra-228	2.4E-04	3.4E-04	3.4E-03	2.5E-03	3.4E-03
Actinium (Ac)-228	2.4E-04	3.4E-04	3.4E-03	2.5E-03	3.4E-03
Pa-231	5.0E-07	1.5E-05	0.0E+00	1.6E-05	4.9E-05
Ac-227	2.7E-06	1.7E-05	0.0E+00	1.6E-05	8.7E-05

[a] Release rate based on a 365-day period at a respective flow rate (as presented in Table B-6) as determined from the average annual wind speed (4.446 m per second) and the effective site area (as presented in Table B-5) for each location.

5.7 CAP88-PC RESULTS

The CAP88-PC reports are contained in Attachment B-2 of this NESHAP report. The effective area factor input was taken from Table B-5. Results show compliance with the 10 mrem per year criterion for all critical receptors. The results are summarized in Table B-8.

Table B-8. SLAPS and SLAPS VPs CAP88-PC Results for Critical Receptors for CY 2024

Source	Dose (mrem/year)			
	Nearest Residence[a]	Farm[a]	Business[b]	School[b]
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	3.1	<0.1	0.1	<0.1
IA-09 Ballfields	<0.1	<0.1	0.1	<0.1
James S McDonnell Boulevard	0.1	<0.1	0.1	<0.1
IA-09 SSA	0.2	<0.1	0.3	<0.1
SLAPS Loadout	0.2	<0.1	0.7	<0.1

[a] Occupancy factor is 100 percent for the nearest residence and farm.
[b] Corrected for the 23 percent occupancy factor (40 hours per week for 50 weeks per year).

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6.0 FUSRAP ST. LOUIS RADIOANALYTICAL LABORATORY

6.1 SITE DESCRIPTION

The project laboratory is located on the SLAPS. The laboratory site covers approximately 490 m^2.

6.2 LIST OF ASSUMED AIR RELEASES FOR CALENDAR YEAR 2024

Emissions from the project laboratory operations are assumed for the particulate radionuclide emission determinations from the laboratory site.

6.3 EFFLUENT CONTROLS

The effluent controls at the project laboratory during operations include performing all radioanalytical activities in fume hoods that exhaust to the outside air after passing through a high efficiency particulate air (HEPA) filter.

6.4 DISTANCES TO CRITICAL RECEPTORS

The distances to critical receptors are shown on Figure B-1 and listed in Table B-9. Distances and directions to critical receptors are determined using tools in a GIS.

Table B-9. Laboratory Critical Receptors for CY 2024

Receptor	Distance (m)	Direction from Site
Nearest Residence	1,600	Northwest
Farm	1,700	Northeast
Business	50	Northwest
School	2,400	Northeast

6.5 EMISSIONS DETERMINATIONS

6.5.1 Stack Emissions from FUSRAP St. Louis Radioanalytical Laboratory Operations

Two potential sources of emissions from laboratory operations exist:

1. The drying and grinding operations for soil samples, and
2. The dissolution of soil and water samples.

To obtain an estimate of the emissions these operations can cause, the methodology in 40 *CFR* 61, Appendix D, *Methods for Estimating Radionuclide Emissions,* was utilized. For the drying and grinding operations, a factor of 0.001 (applicable to liquids and powders) was applied to the entire annual laboratory inventory to determine the emissions for the year. For the dissolution operation; however, only 5 g of any sample are used. Because the dissolution involved heating samples to near boiling temperatures, no adjustment was made to the dissolution inventory to determine the emissions (a factor of 1.0, as specified in 40 *CFR* 61, Appendix D). To account for the small aliquot utilized, the annual inventory was adjusted by a factor of 0.005 (the ratio of the 5-g aliquot to the 1-kg sample mass) to estimate emissions. The two emission sources were then summed to determine the total laboratory source term.

Note that no credit is taken for emission controls during the drying and grinding operations, although 40 *CFR* 61, Appendix D, allows for credit to be taken for the HEPA filters installed on

the grinder equipment. The calculated source term therefore provides a conservative basis on which to determine compliance with USEPA guidance in 40 *CFR* 61.

To determine whether the laboratory complies with the 10 mrem per year limit specified in 40 *CFR* 61, Subpart I, the annual inventory handled by the laboratory had to be determined. The actual number of samples handled by the laboratory was reported as shown in Table B-10. With these data, the following equation was used to calculate laboratory emissions from the operations conducted in CY 2024.

$$\text{Emission Rate (Ci/year)} = C * [(N_1 * F_1) + (N_2 * F_2)] * 1{,}000 \text{ g/sample} * 1E\text{-}12 \text{ (Ci/pCi)}$$

where:

- C = the concentration of a radionuclide of concern in a sample type (in pCi/g)
- N_1 = the number of samples involved in a drying and grinding operation
- N_2 = the number of samples involved in a separations operation
- F = the appropriate correction factor (i.e., 0.001 for drying and grinding [F_1] or 0.005 for dissolution [F_2])

Table B-10. Laboratory Annual Sample Inventory for CY 2024

Site	Type	Gamma Spectroscopy[a]	Isotopic Ra[a,b]	Isotopic Th[a,b]	Isotopic U[a,b]	Total Drying and Grinding[a,c]	Total Separations[a,d]
Latty Avenue Properties	Soil	0	0	0	0	0	0
Latty Avenue Properties	Water	0	33	33	33	0	99
Iowa Army Ammunitions Plant (IAAAP)	Soil	621	0	0	630	630	630
IAAAP	Water	0	0	0	22	0	22
SLAPS	Soil	83	82	0	0	83	82
SLAPS	Water	0	42	42	42	0	126
SLAPS VPs	Soil	2,405	2,392	0	0	2,405	2,392
SLAPS VPs	Water	56	140	140	140	0	420
CWC	Sediment (soil)	405	407	0	0	407	407
CWC	Water	0	112	112	113	0	337
SLDS	Soil	361	362	1	2	362	365
SLDS	Water	0	103	93	103	0	299
		HISS and Latty Avenue VPs Total				0	99
		IAAAP Total				630	652
		SLAPS, SLAPS VPs, and CWC Total				2,895	3,764
		SLDS Total				362	664
		Grand Total				**3,887**	**5,179**

[a] Data obtained from St. Louis FUSRAP database for samples analyzed in 2024.
[b] Assumes isotopic Ra, Th, and U occur in separate and distinct processes.
[c] Assumes all soil samples went through a drying and grinding process.
[d] Assumes all soil and water samples for isotopic Ra, Th, and U went through a separations process.
Notes: CWC samples use SLAPS characterization data to determine release rates.

6.5.2 Laboratory Total Airborne Radioactive Particulate Emission Rates

The project laboratory total CY 2024 emission rate was input into the USEPA CAP88-PC code. The total emission rates are shown in Table B-11 as the calculated emissions from laboratory operations. The result was then used to calculate total dose to the hypothetical maximally exposed receptor. Calculation of emission rates is contained in Attachment B-1 of this NESHAP report.

Table B-11. Laboratory Total Airborne Radioactive Particulate Emission Rates for CY 2024

Radionuclide	Emission (Ci/year)[a]
U-238	4.6E-08
U-235	2.5E-09
U-234	4.5E-08
Ra-226	5.6E-08
Th-232	1.7E-08
Th-230	7.0E-07
Th-228	1.7E-08
Ra-224	1.7E-08
Th-234	4.5E-08
Pa-234m	4.5E-08
Th-231	2.5E-09
Ra-228	1.7E-08
Ac-228	1.7E-08
Pa-231	6.8E-09
Ac-227	1.1E-08

[a] Total emission rate is the sum of individual emission rates determined using the calculation in Section 6.5.1 of this NESHAP report.

6.6 CAP88-PC RESULTS

The CAP88-PC report is contained in Attachment B-2 of this NESHAP report. The stack factor input was 6 m high and 0.3 m in diameter. This evaluation demonstrates that all project laboratory critical receptors receive less than 10 percent of the dose standard prescribed in 40 *CFR* 61.102; therefore, the laboratory is exempt from the reporting requirement of 40 *CFR* 61.104(a). The results are summarized in Table B-12.

Table B-12. Laboratory CAP88-PC Results for Critical Receptors for CY 2024

Receptor	Distance (m)	Direction from Site	Dose (mrem/year)
Nearest Residence[a]	1,600	Northwest	<0.1
Farm[a]	1,700	Northeast	<0.1
Business[b]	50	Northwest	<0.1
School[b]	2,400	Northeast	<0.1

[a] Occupancy factor is 100 percent for the nearest residence and farm.
[b] Corrected for the 23 percent occupancy factor (40 hours per week for 50 weeks per year).

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7.0 REFERENCES

USEPA 1989. U.S. Environmental Protection Agency, Office of Radiation Programs, Washington, D.C. *A Guide for Determining Compliance with the Clean Air Act Standards for Radionuclide Emissions from NRC-Licensed and Non-DOE Federal Facilities*. EPA 520/1-89-002. October 1989.

USEPA 2020. U.S. Environmental Protection Agency. CAP88-PC Version 4.1.1 Computer Code, U.S. Environmental Protection Agency. March 2020.

18 *U.S. Code* 1001. *U.S. Code,* Title 18, Crimes and Criminal Procedure; Part I, Crimes; Chapter 47, Fraud and False Statements; Section 1001, Statements or entries generally.

40 *CFR* 61, Subpart I. *National Emission Standards for Radionuclide Emissions From Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Not Covered by Subpart H*.

40 *CFR* 61, Appendix D. *Methods for Estimating Radionuclide Emissions.*

40 *CFR* 61, Appendix E. *Compliance Procedures Methods for Determining Compliance with Subpart I.*

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APPENDIX B

FIGURES

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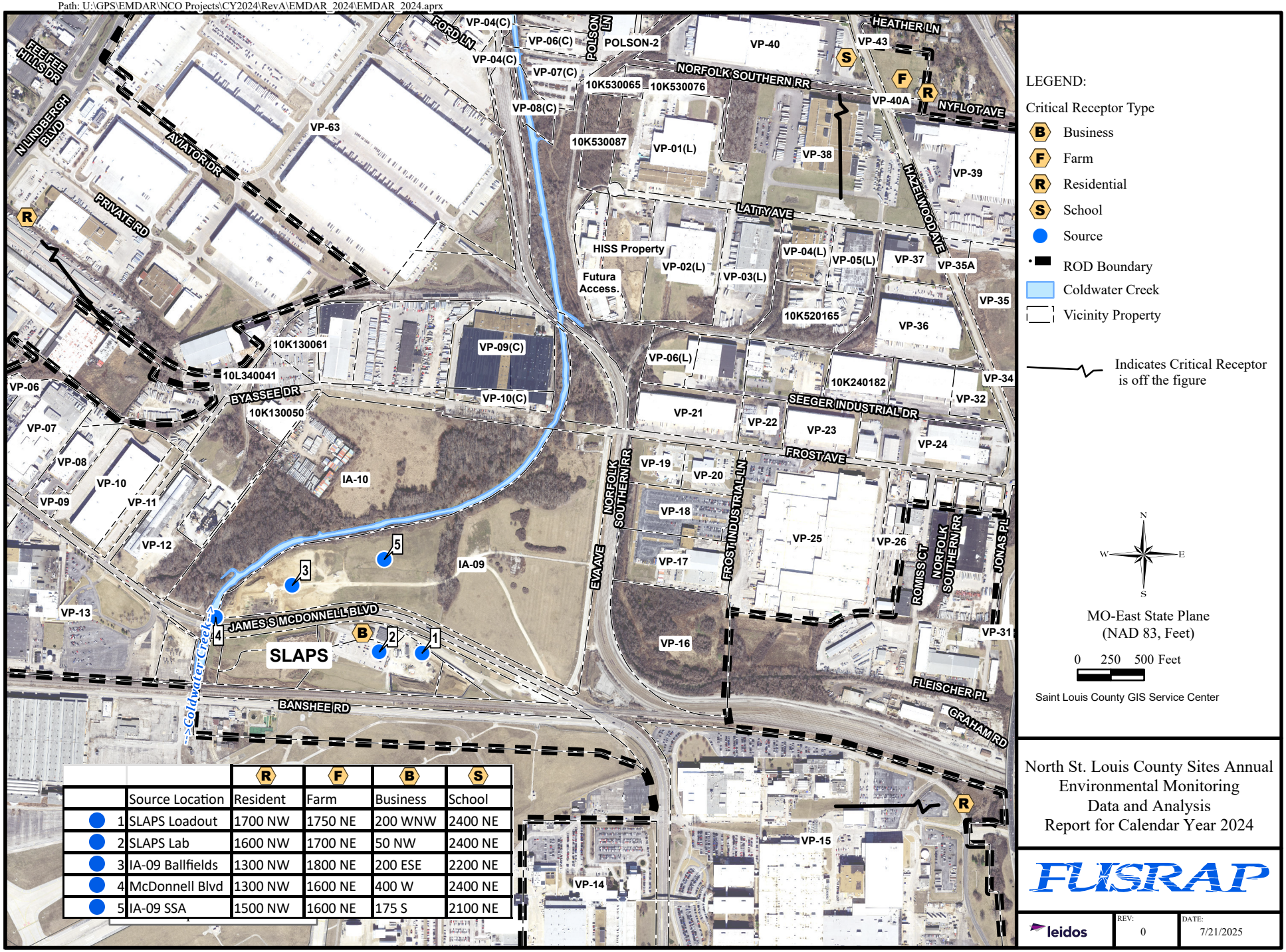

	Source Location	R Resident	F Farm	B Business	S School
1	SLAPS Loadout	1700 NW	1750 NE	200 WNW	2400 NE
2	SLAPS Lab	1600 NW	1700 NE	50 NW	2400 NE
3	IA-09 Ballfields	1300 NW	1800 NE	200 ESE	2200 NE
4	McDonnell Blvd	1300 NW	1600 NE	400 W	2400 NE
5	IA-09 SSA	1500 NW	1600 NE	175 S	2100 NE

North St. Louis County Sites Annual Environmental Monitoring Data and Analysis Report for Calendar Year 2024

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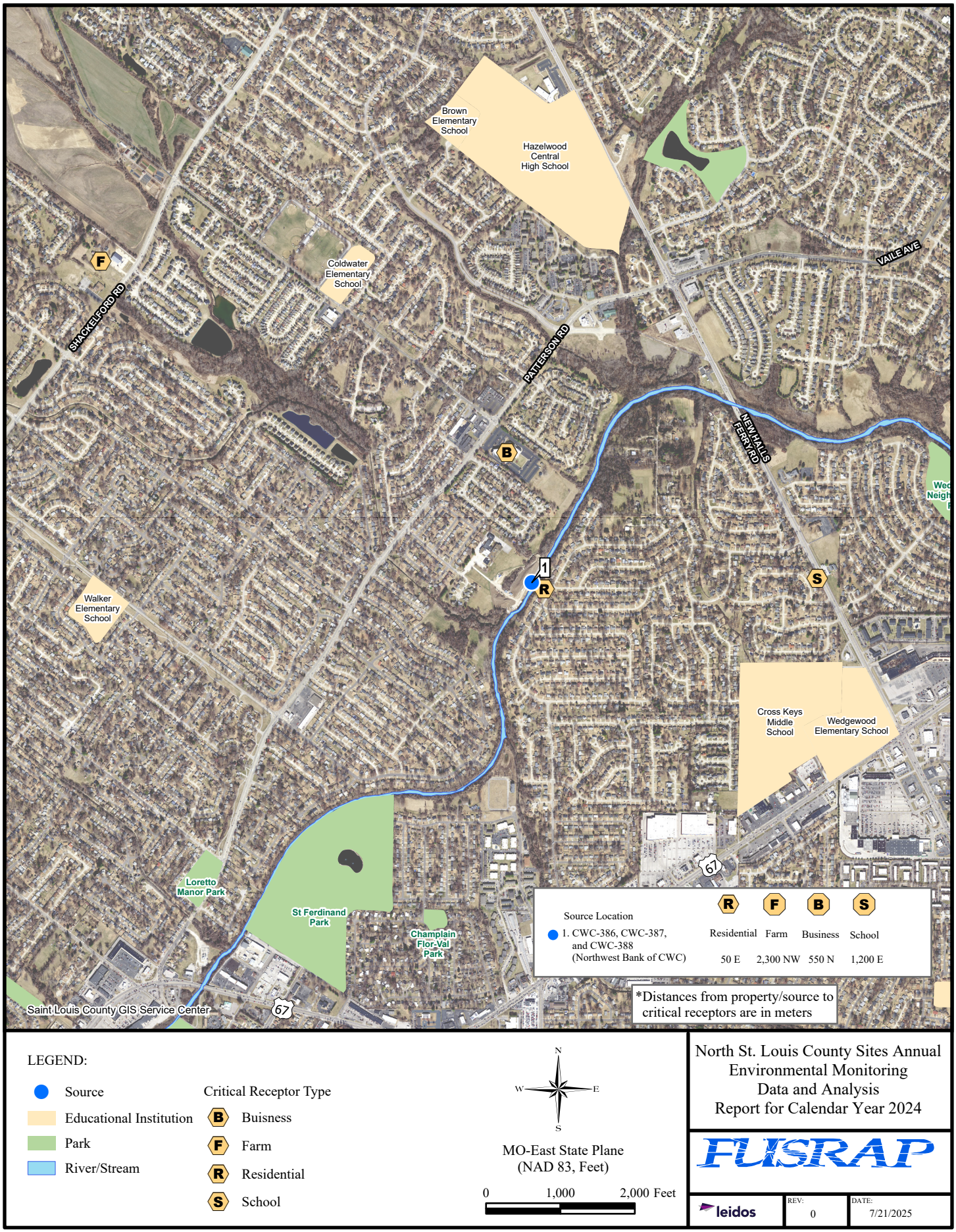
Figure B-1. FUSRAP St. Louis Radioanalytical Laboratory, SLAPS, and SLAPS VPs Critical Receptors - South



North St. Louis County Sites Annual Environmental Monitoring Data and Analysis Report for Calendar Year 2024

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Figure B-2. SLAPS and SLAPS VPs Critical Receptors - North

ATTACHMENT B-1

CALCULATED EMISSION RATES

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Table B-1-1. SLAPS and SLAPS VPs Soil Radionuclide Concentrations for CY 2024

Property	CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)[a]	IA-09 Ballfields[a]	James S McDonnell Boulevard[a]	IA-09 SSA[a]	SLAPS Loadout[b]
Radionuclide	**Average Concentration (pCi/g)**				
U-238	0.67	2.68	0.85	0.83	1.15
U-235	0.03	0.16	0.06	0.06	0.08
U-234	0.67	2.68	0.85	0.83	1.15
Ra-226	1.24	6.44	1.23	1.21	2.08
Ra-228	0.60	0.66	0.58	0.57	0.60
Th-232	0.60	0.66	0.58	0.57	0.60
Th-230	10.55	140.33	10.08	8.65	31.73
Th-228	0.60	0.66	0.58	0.57	0.60
Pa-231[c]	0.06	2.01	-0.04	-0.01	0.28
Ac-227[c]	0.14	2.38	0.13	0.10	0.50

[a] Soil radionuclide concentrations derived from the average soil radionuclide concentrations from the 2024 railcar concentrations.
[b] Derived from the average property specific soil radionuclide concentrations from 2024 railcar concentrations.
[c] Assumed to be in secular equilibrium with the long-lived parent if data not available.

Table B-1-2. SLAPS and SLAPS VPs Average Gross Alpha and Beta Airborne Particulate Emissions for CY 2024

Location	Average Concentration (µCi/mL) for Location[a]	
	Gross Alpha	Gross Beta
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	9.85E-15	3.53E-14
IA-09 Ballfields	1.08E-14	3.29E-14
James S McDonnell Boulevard	1.02E-14	3.49E-14
IA-09 SSA	1.06E-14	3.48E-14
SLAPS Loadout	9.45E-15	2.78E-14
Background Concentration[b]	3.90E-15	2.15E-14

[a] Average concentration values for the sampling period by location.
[b] These concentrations are provided for informational purposes only.

Table B-1-3. SLAPS and SLAPS VPs Remedial Action Data for CY 2024

Location	Area (m^2)	Start Date[a]	End Date[b]
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 3N, survey unit (SU)-1E	160	01/01/24	01/08/24
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 3S, SU-1F	133	01/01/24	01/08/24
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 3S, SU-1G	164	01/01/24	01/10/24
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 1, SU-1H	46	01/01/24	02/12/24
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 3N, SU-1I	163	01/01/24	02/12/24
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 3S, SU-1J	183	01/01/24	02/22/24
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 2, SU-1K	318	01/01/24	02/29/24
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 2, SU-1L	389	01/01/24	03/11/24
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 2, SU-1M	261	03/12/24	03/26/24
IA-09 Ballfields, Phase 3, SU-32A	464	01/01/24	02/22/24
IA-09 Ballfields, Phase 3, SU-32B	907	01/01/24	05/14/24
IA-09 Ballfields, Phase 3, SU-32C	909	01/01/24	05/02/24
IA-09 Ballfields, Phase 3, SU-32D	112	01/01/24	05/15/24
James S McDonnell Boulevard, SU-2A	287	05/06/24	07/24/24
James S McDonnell Boulevard, SU-2B	1,055	07/08/24	08/05/24
James S McDonnell Boulevard, SU-2C	810	07/08/24	08/29/24
James S McDonnell Boulevard, SU-3A	687	07/16/24	08/27/24
James S McDonnell Boulevard, SU-5A	582	07/08/24	09/04/24
James S McDonnell Boulevard, SU-6A	1,085	07/08/24	09/12/24
James S McDonnell Boulevard, SU-6B	92	10/28/24	11/12/24
James S McDonnell Boulevard, SU-6C	78	10/28/24	12/31/24
James S McDonnell Boulevard, SU-10A	681	07/16/24	12/31/24
James S McDonnell Boulevard, SU-10C	87	07/16/24	12/12/24
James S McDonnell Boulevard, SU-4A	1,422	07/02/24	09/26/24
James S McDonnell Boulevard, SU-4B	587	07/02/24	10/04/24
James S McDonnell Boulevard, SU-7	1,979	07/16/24	10/22/24
James S McDonnell Boulevard, SU-8A	144	08/23/24	09/24/24
James S McDonnell Boulevard, SU-8B	744	08/23/24	10/16/24
James S McDonnell Boulevard, SU-8C	260	10/17/24	11/01/24
James S McDonnell Boulevard, SU-9	1,833	09/25/24	11/01/24
James S McDonnell Boulevard, SU-10B	1,083	07/16/24	12/12/24
James S McDonnell Boulevard, SU-10D	71	07/16/24	12/12/24
James S McDonnell Boulevard, SU-11A	1,122	10/22/24	12/09/24
James S McDonnell Boulevard, SU-11B	526	12/02/24	12/31/24
James S McDonnell Boulevard, SU-12	1,807	12/02/24	12/19/24
James S McDonnell Boulevard, SU-13	2,171	12/02/24	12/31/24
James S McDonnell Boulevard, SU-14	46	12/02/24	12/19/24
James S McDonnell Boulevard, SU-15	43	12/02/24	12/19/24
James S McDonnell Boulevard, SU-16	91	12/02/24	12/19/24
James S McDonnell Boulevard, SU-17	41	12/02/24	12/19/24
James S McDonnell Boulevard, SU-18	1,352	12/02/24	12/31/24
James S McDonnell Boulevard, SU-19	139	12/02/24	12/31/24
IA-09 SSA	5,000	06/19/24	12/31/25
SLAPS Loadout	5,000	01/01/24	12/31/24

[a] Excavations which began before 2024 were assigned the excavation start date of January 1, 2024.
[b] Excavations which were still ongoing at the close of 2024 were assigned the excavation end date of December 31, 2024.

Table B-1-4. SLAPS and SLAPS VPs Average Surface Area and Flow Rate per Location for CY 2024

Location	Total Days	Surface Area × Total Days	Average Surface Area/Year (m^2)	Diameter of Stack D = (1.3 A)1/2 (m)	Flow Rate F = V π (D)2/4 (m^3/minute)
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)					
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 3N, SU-1E	8	1,280	---	---	---
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 3S, SU-1F	8	1,064	---	---	---
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 3S, SU-1G	10	1,640	---	---	---
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 1, SU-1H	43	1,978	---	---	---
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 3N, SU-1I	43	7,009	---	---	---
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 3S, SU-1J	53	9,699	---	---	---
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 2, SU-1K	60	19,080	---	---	---
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 2, SU-1L	71	27,619	---	---	---
CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC), 2, SU-1M	15	3,915	---	---	---
	Total	**73,284**	**201**	**16**	**5.5E+04**
IA-09 Ballfields					
IA-09 Ballfields, Phase 3, SU-32A	53	24,592	---	---	---
IA-09 Ballfields, Phase 3, SU-32B	135	122,445	---	---	---
IA-09 Ballfields, Phase 3, SU-32C	123	111,807	---	---	---
IA-09 Ballfields, Phase 3, SU-32D	136	15,232	---	---	---
	Total	**274,076**	**751**	**31**	**2.0E+05**
James S McDonnell Boulevard					
James S McDonnell Boulevard, SU-2A	80	22,960	---	---	---
James S McDonnell Boulevard, SU-2B	29	30,595	---	---	---
James S McDonnell Boulevard, SU-2C	53	42,930	---	---	---
James S McDonnell Boulevard, SU-6A	67	72,695			
James S McDonnell Boulevard, SU-6B	16	1,472	---	---	---
James S McDonnell Boulevard, SU-6C	65	5,070	---	---	---
James S McDonnell Boulevard, SU-10A	169	115,089	---	---	---
James S McDonnell Boulevard, SU-10C	150	13,050	---	---	---
James S McDonnell Boulevard, SU-4A	87	123,714	---	---	---
James S McDonnell Boulevard, SU-4B	95	55,765	---	---	---
James S McDonnell Boulevard, SU-7	99	195,921	---	---	---
James S McDonnell Boulevard, SU-8A	33	4,752	---	---	---
James S McDonnell Boulevard, SU-8B	55	40,920	---	---	---
James S McDonnell Boulevard, SU-8C	16	4,160	---	---	---
James S McDonnell Boulevard, SU-9	38	69,654	---	---	---
James S McDonnell Boulevard, SU-10B	150	162,450	---	---	---
James S McDonnell Boulevard, SU-10D	150	10,650	---	---	---

Table B-1-4. SLAPS and SLAPS VPs Average Surface Area and Flow Rate per Location for CY 2024 (Continued)

Location	Total Days	Surface Area × Total Days	Average Surface Area/Year (m^2)	Diameter of Stack D = (1.3 A)1/2 (m)	Flow Rate F = V π (D)2/4 (m^3/minute)
James S McDonnell Boulevard					
James S McDonnell Boulevard, SU-11A	49	54,978	---	---	---
James S McDonnell Boulevard, SU-11B	30	15,794	---	---	---
James S McDonnell Boulevard, SU-12	18	32,526	---	---	---
James S McDonnell Boulevard, SU-13	30	65,130	---	---	---
James S McDonnell Boulevard, SU-14	18	828	---	---	---
James S McDonnell Boulevard, SU-15	18	774	---	---	---
James S McDonnell Boulevard, SU-16	18	1,638	---	---	---
James S McDonnell Boulevard, SU-17	18	738	---	---	---
James S McDonnell Boulevard, SU-18	30	40,560	---	---	---
James S McDonnell Boulevard, SU-19	30	4,170	---	---	---
	Total	**1,252,862**	**3,432**	**67**	**9.3E+05**
IA-09 SSA					
IA-09 SSA	184	920,000	---	---	**---**
	Total	**920,000**	**2,521**	**57**	**6.9E+05**
SLAPS Loadout					
SLAPS Loadout	366	1,830,000	---	---	---
	Total	**1,830,000**	**5,014**	**81**	**1.4E+06**

Note: --- not applicable

Table B-1-5. SLAPS and SLAPS VPs Airborne Radioactive Particulate Emissions Based on Site Perimeter Air Samples for CY 2024

Property	CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)			IA-09 Ballfields			James S McDonnell Boulevard		
Radionuclide	Activity Fraction[a]	Emission Concentration ($\mu Ci/cm^3$)[b]	Release Rate (Ci/year)[c]	Activity Fraction[a]	Emission Concentration ($\mu Ci/cm^3$)[b]	Release Rate (Ci/year)[c]	Activity Fraction[a]	Emission Concentration ($\mu Ci/cm^3$)[b]	Release Rate (Ci/year)[c]
U-238[a]	0.04	4.4E-16	1.3E-05	0.02	1.8E-16	2.0E-05	0.06	5.9E-16	2.9E-04
U-235[a]	0.002	1.7E-17	5.0E-07	0.001	1.1E-17	1.2E-06	0.004	4.2E-17	2.0E-05
U-234	0.04	4.4E-16	1.3E-05	0.02	1.8E-16	2.0E-05	0.06	5.9E-16	2.9E-04
Ra-226[a]	0.08	8.1E-16	2.3E-05	0.04	4.4E-16	4.7E-05	0.08	8.5E-16	4.2E-04
Th-232[a]	0.04	3.9E-16	1.1E-05	0.00	4.5E-17	4.8E-06	0.04	4.0E-16	2.0E-04
Th-230[a]	0.04	3.9E-16	1.1E-05	0.88	9.5E-15	1.0E-03	0.68	7.0E-15	3.4E-03
Th-228[a]	0.70	6.9E-15	2.0E-04	0.00	4.5E-17	4.8E-06	0.04	4.0E-16	2.0E-04
Ra-224[d]	0.04	3.9E-16	1.1E-05	0.00	4.5E-17	4.8E-06	0.04	4.0E-16	2.0E-04
Th-234[d]	0.26	9.2E-15	2.6E-04	0.39	1.3E-14	1.4E-03	0.29	1.0E-14	5.0E-03
Pa-234m[d]	0.26	9.2E-15	2.6E-04	0.39	1.3E-14	1.4E-03	0.29	1.0E-14	5.0E-03
Th-231[d]	0.01	3.7E-16	1.1E-05	0.02	7.7E-16	8.3E-05	0.02	7.2E-16	3.5E-04
Ra-228[a]	0.23	8.2E-15	2.4E-04	0.10	3.2E-15	3.4E-04	0.20	6.9E-15	3.4E-03
Ac-228[d]	0.23	8.2E-15	2.4E-04	0.10	3.2E-15	3.4E-04	0.20	6.9E-15	3.4E-03
Pa-231[a,d]	0.002	1.7E-17	5.0E-07	0.01	1.4E-16	1.5E-05	0.00	0.0E+00	0.0E+00
Ac-227[a,d]	0.01	9.4E-17	2.7E-06	0.02	1.6E-16	1.7E-05	0.00	0.0E+00	0.0E+00

[a] Average soil concentrations are presented in Table B-1-1.

[b] Emission concentration is equal to the activity fraction * the gross alpha or gross beta airborne particulate concentrations listed in Table B-1-2.

[c] Release rate based on 365-day period at measured flow rate (Table B-1-4) for each site as determined from the average annual wind speed (4.446 m per second) and calculated site area (Table B-1-4). (Note: 1 mL = 1 cm^3.)

[d] If sample data were not available or the average was less than zero, the radionuclide was assumed to be in secular equilibrium with the parent radionuclide.

Table B-1-5. SLAPS and SLAPS VPs Airborne Radioactive Particulate Emissions Based on Site Perimeter Air Samples for CY 2024 (Continued)

Property	IA-09 SSA			SLAPS Loadout		
Radionuclide	Activity Fraction[a]	Emission Concentration (µCi/cm^3)[b]	Release Rate (Ci/year)[c]	Activity Fraction[a]	Emission Concentration (µCi/cm^3)[b]	Release Rate (Ci/year)[c]
U-238[a]	0.06	6.6E-16	2.4E-04	0.03	2.8E-16	2.0E-04
U-235[a]	0.004	4.4E-17	1.6E-05	0.002	1.9E-17	1.3E-05
U-234	0.06	6.6E-16	2.4E-04	0.03	2.8E-16	2.0E-04
Ra-226[a]	0.09	9.6E-16	3.4E-04	0.05	5.1E-16	3.6E-04
Th-232[a]	0.04	4.5E-16	1.6E-04	0.016	1.5E-16	1.1E-04
Th-230[a]	0.65	6.8E-15	2.5E-03	0.82	7.7E-15	5.5E-03
Th-228[a]	0.04	4.5E-16	1.6E-04	0.016	1.5E-16	1.1E-04
Ra-224[d]	0.04	4.5E-16	1.6E-04	0.016	1.5E-16	1.1E-04
Th-234[d]	0.29	1.0E-14	3.6E-03	0.32	8.9E-15	6.4E-03
Pa-234m[d]	0.29	1.0E-14	3.6E-03	0.32	8.9E-15	6.4E-03
Th-231[d]	0.02	6.8E-16	2.5E-04	0.02	6.0E-16	4.3E-04
Ra-228[a]	0.20	6.9E-15	2.5E-03	0.17	4.7E-15	3.4E-03
Ac-228[d]	0.20	6.9E-15	2.5E-03	0.17	4.7E-15	3.4E-03
Pa-231[a,d]	0.004	4.4E-17	1.6E-05	0.007	6.8E-17	4.9E-05
Ac-227[a,d]	0.004	4.4E-17	1.6E-05	0.013	1.2E-16	8.7E-05

[a] Average soil concentrations are presented in Table B-1-1.
[b] Emission concentration is equal to the activity fraction * the gross alpha or gross beta airborne particulate concentrations listed in Table B-1-2.
[c] Release rate based on 365-day period at measured flow rate (Table B-1-4) for each site as determined from the average annual wind speed (4.446 m per second) and calculated site area (Table B-1-4). (Note: 1 mL = 1 cm^3.)
[d] If sample data were not available or the average was less than zero, the radionuclide was assumed to be in secular equilibrium with the parent radionuclide.

Table B-1-6. USACE St. Louis FUSRAP Laboratory Analyses for CY 2024

Site	Type	Gamma Spectroscopy	Isotopic Ra[a]	Isotopic Th[a]	Isotopic U[a]	Total Drying and Grinding[b]	Total Separations[c]
Latty VPs	Soil	0	0	0	0	0	0
Latty VPs	Water	0	33	33	33	0	99
IAAAP	Soil	621	0	0	630	630	630
IAAAP	Water	0	0	0	22	0	22
SLAPS	Soil	83	82	0	0	83	82
SLAPS	Water	0	42	42	42	0	126
SLAPS VPs	Soil	2,405	2,392	0	0	2,405	2,392
SLAPS VPs	Water	56	140	140	140	0	420
CWC	Sediment (Soil)	405	407	0	0	407	407
CWC	Water	0	112	112	113	0	337
SLDS	Soil	361	362	1	2	362	365
SLDS	Water	0	103	93	103	0	299
					Latty Avenue Properties Total	0	99
					IAAAP Total	630	652
					SLAPS, SLAPS VPs, and CWC Total	2,895	3,764
					SLDS Total	362	664
					Grand Total	**3,887**	**5,179**

[a] Assumes isotopic Ra, Th, and U occur in separate and distinct processes.
[b] Assumes all soil samples went through a drying and grinding process.
[c] Assumes all soil and water samples for isotopic Ra, Th, and U went through a separations process.
Notes: Data provided by the project laboratory for CY 2024.

Table B-1-7. SLDS Property Laboratory Samples for CY 2024

Radionuclide	Average (pCi/g)	No. Samples (Drying and Grinding)	No. Samples (Separations)	Emission Rate (Ci/year)[a]
U-238[b]	4.6	362	664	1.7E-08
U-235[b]	0.2	362	664	6.7E-10
U-234[b,c]	4.6	362	664	1.7E-08
Ra-226[b]	1.9	362	664	7.1E-09
Th-232[b]	0.4	362	664	1.4E-09
Th-230[b]	2.0	362	664	7.4E-09
Th-228[b]	0.4	362	664	1.4E-09
Ra-224[c]	0.4	362	664	1.4E-09
Th-234[c]	4.6	362	664	1.7E-08
Pa-234m[c]	4.6	362	664	1.7E-08
Th-231[c]	0.2	362	664	6.7E-10
Ra-228[b]	0.4	362	664	1.4E-09
Ac-228[c]	0.4	362	664	1.4E-09
Pa-231[c]	0.20	362	664	7.3E-10
Ac-227[c]	0.06	362	664	2.3E-10

[a] Emission Rate = (0.001 * Avg * No. Samples [drying and grinding] + 0.005 * Avg * No. Samples [separations]) * (1,000 g * 1E-12 Ci/pCi).
[b] Average soil concentration from all data analyzed at the project laboratory during 2024.
[c] When data were not available, the radionuclide was assumed to be in secular equilibrium with the parent radionuclide.

Table B-1-8. SLAPS and SLAPS VPs Laboratory Samples for CY 2024

Radionuclide	Average (pCi/g)	No. Samples (Drying and Grinding)	No. Samples (Separations)	Emission Rate (Ci/year)[a]
U-238[b]	1.1	2895	3764	2.5E-08
U-235[b]	0.1	2895	3764	1.7E-09
U-234[b,c]	1.1	2895	3764	2.5E-08
Ra-226[b]	2.1	2895	3764	4.5E-08
Th-232[b]	0.6	2895	3764	1.3E-08
Th-230[b]	31.7	2895	3764	6.9E-07
Th-228[b]	0.6	2895	3764	1.3E-08
Ra-224[c]	0.6	2895	3764	1.3E-08
Th-234[c]	1.1	2895	3764	2.5E-08
Pa-234m[c]	1.1	2895	3764	2.5E-08
Th-231[c]	0.1	2895	3764	1.7E-09
Ra-228[b]	0.6	2895	3764	1.3E-08
Ac-228[c]	0.6	2895	3764	1.3E-08
Pa-231[c]	0.28	2895	3764	6.1E-09
Ac-227[c]	0.50	2895	3764	1.1E-08

[a] Emission Rate = (0.001 * Avg * No. Samples [drying and grinding] + 0.005 * Avg * No. Samples [separations]) * (1,000 g * 1E-12 Ci/pCi).
[b] Average soil concentration from all data analyzed at the project laboratory during 2024.
[c] When data were not available, the radionuclide was assumed to be in secular equilibrium with the parent radionuclide.

Table B-1-9. Latty Avenue Property Laboratory Samples for CY 2024

Radionuclide	Average (pCi/g)	No. Samples (Drying and Grinding)	No. Samples[a] (Separations)	Emission Rate (Ci/year)[a]
U-238[b]	0.003	0	99	1.5E-11
U-235[b]	0.0001	0	99	6.9E-14
U-234[b,c]	0.004	0	99	1.8E-12
Ra-226[b]	0.0002	0	99	1.0E-13
Th-232[b]	0.00006	0	99	2.9E-14
Th-230[b]	0.001	0	99	4.4E-13
Th-228[b]	0.0004	0	99	1.8E-13
Ra-224[c]	0.00036	0	99	1.8E-13
Th-234[c]	0.003	0	99	1.5E-12
Pa-234m[c]	0.003	0	99	1.5E-12
Th-231[c]	0.0001	0	99	6.9E-14
Ra-228[b]	0.0004	0	99	1.8E-13
Ac-228[c]	0.0004	0	99	1.8E-13
Pa-231[b]	0.0001	0	99	6.9E-14
Ac-227[b]	0.0001	0	99	6.9E-14

[a] Emission Rate = (0.001 * Avg * No. Samples [drying and grinding] + 0.005 * Avg * No. Samples [separations]) * (1,000 g * 1E-12 Ci/pCi).
[b] Average soil concentration from all data analyzed at the project laboratory during 2024.
[c] When data were not available, the radionuclide was assumed to be in secular equilibrium with the parent radionuclide.

Table B-1-10. Iowa Army Ammunition Plant Laboratory Samples for CY 2024

Radionuclide	Average (pCi/g)	No. Samples (Drying and Grinding)	No. Samples (Separations)	Emission Rate (Ci/year)[a]
U-238[b]	0.97	630	652	3.8E-09
U-235[b]	0.05	630	652	1.8E-10
U-234[c]	0.81	630	652	3.2E-09
Ra-226[b]	0.98	630	652	3.8E-09
Th-232[b]	0.72	630	652	2.8E-09
Th-230[b]	0.90	630	652	3.5E-09
Th-228[b]	0.72	630	652	2.8E-09
Ra-224[c]	0.72	630	652	2.8E-09
Th-234[c]	0.97	630	652	3.8E-09
Pa-234m[c]	0.97	630	652	3.8E-09
Th-231[c]	0.05	630	652	1.8E-10
Ra-228[b]	0.72	630	652	2.8E-09
Ac-228[c]	0.72	630	652	2.8E-09
Pa-231[c]	0.00	630	652	0.0E+00
Ac-227[c]	0.01	630	652	4.5E-11

[a] Emission Rate = (0.001 * Avg * No. Samples [drying and grinding] + 0.005 * Avg * No. Samples [separations]) * (1,000 g * 1E-12 Ci/pCi).
[b] Average soil concentration from all IAAAP data analyzed at the project laboratory during 2024.
[c] When data were not available, the radionuclide was assumed to be in secular equilibrium with the parent radionuclide.

Table B-1-11. Total Laboratory Airborne Radioactive Particulate Emission Rate for CY 2024

Radionuclide	Emission Rate (Ci/year)				
	SLDS	SLAPS and SLAPS VPs	Latty Avenue Properties	IAAAP	Total Across Laboratory[a]
U-238	1.7E-08	2.5E-08	3.8E-09	1.5E-11	4.6E-08
U-235	6.7E-10	1.7E-09	1.8E-10	6.9E-14	2.5E-09
U-234	1.7E-08	2.5E-08	3.2E-09	1.8E-12	4.5E-08
Ra-226	7.1E-09	4.5E-08	3.8E-09	1.0E-13	5.6E-08
Th-232	1.4E-09	1.3E-08	2.8E-09	2.9E-14	1.7E-08
Th-230	7.4E-09	6.9E-07	3.5E-09	4.4E-13	7.0E-07
Th-228	1.4E-09	1.3E-08	2.8E-09	1.8E-13	1.7E-08
Ra-224	1.4E-09	1.3E-08	2.8E-09	1.8E-13	1.7E-08
Th-234	1.7E-08	2.5E-08	3.8E-09	1.5E-12	4.5E-08
Pa-234m	1.7E-08	2.5E-08	3.8E-09	1.5E-12	4.5E-08
Th-231	6.7E-10	1.7E-09	1.8E-10	6.9E-14	2.5E-09
Ra-228	1.4E-09	1.3E-08	2.8E-09	1.8E-13	1.7E-08
Ac-228	1.4E-09	1.3E-08	2.8E-09	1.8E-13	1.7E-08
Pa-231	7.3E-10	6.1E-09	0.0E+00	6.9E-14	6.8E-09
Ac-227	2.3E-10	1.1E-08	4.5E-11	6.9E-14	1.1E-08

[a] Total emission rate is the sum of the SLDS, the SLAPS, the SLAPS VPs, and the IAAAP emission rates.

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ATTACHMENT B-2

CAP88-PC RUNS

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CAP88-PC RUNS FOR THE SLAPS AND SLAPS VICINITY PROPERTIES

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CAP88 OUTPUT RESULTS

CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)

D O S E A N D R I S K S U M M A R I E S

Non-Radon Individual Assessment
Thu Mar 27 14:29:39 2025

```
     Facility:  HSD
      Address:
         City:  St. Louis
        State:  MO          Zip:  63042

Source Category:  Area
    Source Type:  Area
  Emission Year:  2024
 DOSE Age Group:  Adult

       Comments:  Air

   Dataset Name:  2024HSD.
   Dataset Date:  Mar 27, 2025 02:29 PM
      Wind File:  C:\Users\eversw\Documents\CAP88\Wind Files\13994.WND
```

Thu Mar 27 14:29:39 2025 SUMMARY
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ORGAN DOSE EQUIVALENT SUMMARY

Organ	Selected Individual (mrem)
Adrenals	4.17E-01
UB_Wall	4.62E-01
Bone_Sur	1.59E+01
Brain	4.39E-01
Breasts	4.77E-01
St_Wall	4.44E-01
SI_Wall	4.41E-01
ULI_Wall	4.61E-01
LLI_Wall	5.07E-01
Kidneys	7.04E-01
Liver	1.25E+00
Muscle	4.92E-01
Ovaries	5.26E-01
Pancreas	4.22E-01
R_Marrow	1.54E+00
Skin	3.17E+00
Spleen	4.47E-01
Testes	5.87E-01
Thymus	4.42E-01
Thyroid	4.56E-01
GB_Wall	4.23E-01
Ht_Wall	4.40E-01
Uterus	4.36E-01
ET_Reg	6.82E+00
Lung	2.21E+01
Effectiv	3.43E+00

PATHWAY EFFECTIVE DOSE EQUIVALENT SUMMARY

Pathway	Selected Individual (mrem)
INGESTION	1.17E-01
INHALATION	2.88E+00
AIR IMMERSION	2.16E-05
GROUND SURFACE	4.30E-01
INTERNAL	3.00E+00
EXTERNAL	4.30E-01
TOTAL	3.43E+00

NUCLIDE EFFECTIVE DOSE EQUIVALENT SUMMARY

Nuclide	Selected Individual (mrem)
U-238	1.06E-02
Th-234	1.08E-03
Pa-234m	4.05E-03
Pa-234	7.98E-05
U-234	1.29E-02
Th-230	5.28E-02
Ra-226	2.96E-02
Rn-222	2.26E-05
Po-218	4.05E-10
Pb-214	1.48E-02
At-218	1.52E-09
Bi-214	8.64E-02
Rn-218	8.81E-12
Po-214	4.79E-06
Tl-210	3.37E-05
Pb-210	7.29E-05
Bi-210	1.18E-03
Hg-206	9.50E-11
Po-210	3.05E-07
Tl-206	2.75E-09
U-235	6.38E-04
Th-231	2.13E-05
Pa-231	1.64E-02
Ac-227	6.71E-02
Th-227	4.46E-04
Fr-223	4.20E-06
Ra-223	4.99E-04
Rn-219	2.16E-04
At-219	0.00E+00
Bi-215	9.71E-10
Po-215	6.60E-07
Pb-211	4.24E-04
Bi-211	1.75E-04
Tl-207	2.20E-04
Po-211	8.42E-08
Th-232	9.73E-02
Ra-228	3.16E-01
Ac-228	1.10E-01
Th-228	2.39E+00
Ra-224	9.89E-03
Rn-220	9.33E-05
Po-216	2.25E-06
Pb-212	2.05E-02
Bi-212	2.39E-02
Po-212	0.00E+00
Tl-208	1.65E-01
TOTAL	3.43E+00

CANCER RISK SUMMARY

Cancer	Selected Individual Total Lifetime Fatal Cancer Risk
Esophagu	4.78E-09
Stomach	1.85E-08
Colon	5.16E-08
Liver	2.08E-08
LUNG	2.69E-06
Bone	2.08E-08
Skin	3.17E-09
Breast	2.17E-08
Ovary	7.70E-09
Bladder	1.14E-08
Kidneys	4.22E-09
Thyroid	1.47E-09
Leukemia	2.82E-08
Residual	6.84E-08
Total	2.95E-06
TOTAL	2.95E-06

PATHWAY RISK SUMMARY

Pathway	Selected Individual Total Lifetime Fatal Cancer Risk
INGESTION	4.46E-08
INHALATION	2.68E-06
AIR IMMERSION	1.16E-11
GROUND SURFACE	2.25E-07
INTERNAL	2.73E-06
EXTERNAL	2.25E-07
TOTAL	2.95E-06

NUCLIDE RISK SUMMARY

Nuclide	Selected Individual Total Lifetime Fatal Cancer Risk
U-238	1.11E-08
Th-234	1.05E-09
Pa-234m	7.08E-10
Pa-234	4.34E-11
U-234	1.36E-08
Th-230	2.84E-08
Ra-226	2.67E-08
Rn-222	1.24E-11
Po-218	1.81E-16
Pb-214	7.91E-09
At-218	1.87E-16
Bi-214	4.57E-08
Rn-218	4.82E-18
Po-214	2.63E-12
Tl-210	1.80E-11
Pb-210	3.26E-11
Bi-210	1.31E-10
Hg-206	4.22E-17
Po-210	1.67E-13
Tl-206	3.09E-16
U-235	5.69E-10
Th-231	1.05E-11
Pa-231	1.61E-09
Ac-227	1.85E-08
Th-227	2.42E-10
Fr-223	1.57E-12
Ra-223	2.70E-10
Rn-219	1.18E-10
At-219	0.00E+00
Bi-215	4.33E-16
Po-215	3.62E-13
Pb-211	1.52E-10
Bi-211	9.55E-11
Tl-207	2.82E-11
Po-211	4.61E-14
Th-232	4.32E-08
Ra-228	1.47E-07
Ac-228	5.86E-08
Th-228	2.42E-06
Ra-224	1.09E-08
Rn-220	5.11E-11
Po-216	1.24E-12
Pb-212	1.11E-08
Bi-212	9.22E-09
Po-212	0.00E+00
Tl-208	8.98E-08
TOTAL	2.95E-06

Thu Mar 27 14:29:39 2025 SUMMARY
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INDIVIDUAL EFFECTIVE DOSE EQUIVALENT (mrem)
(All Radionuclides and Pathways)

	Distance (m)				
Direction	50	550	1200	2300	
N	3.4E+00	1.3E-01	9.2E-02	8.5E-02	Business (550 m)
NNW	1.8E+00	1.1E-01	8.7E-02	8.3E-02	
NW	2.0E+00	1.1E-01	8.8E-02	8.3E-02	School (200 m)
WNW	2.5E+00	1.2E-01	8.9E-02	8.3E-02	
W	1.9E+00	1.1E-01	8.7E-02	8.3E-02	
WSW	9.7E-01	9.4E-02	8.4E-02	8.2E-02	
SW	1.3E+00	9.9E-02	8.5E-02	8.2E-02	
SSW	1.6E+00	1.0E-01	8.6E-02	8.2E-02	
S	1.5E+00	1.0E-01	8.5E-02	8.2E-02	
SSE	1.1E+00	9.5E-02	8.4E-02	8.2E-02	
SE	1.5E+00	1.0E-01	8.6E-02	8.2E-02	
ESE	2.4E+00	1.2E-01	8.9E-02	8.3E-02	Resident (50 m)
E	3.1E+00	1.3E-01	9.1E-02	8.4E-02	
ENE	2.5E+00	1.2E-01	8.9E-02	8.4E-02	Farm (2300 m)
NE	1.6E+00	1.0E-01	8.6E-02	8.2E-02	
NNE	1.4E+00	1.0E-01	8.5E-02	8.2E-02	

Note: Highlighted EDE values (mrem) are applicable to the critical receptors as defined in the Radionuclide Emissions NESHAP Report (Appendix B) taking into account the distance and direction from the applicable site to each receptor. The highlighted value assumes 100 percent occupancy.

Thu Mar 27 14:29:39 2025 SUMMARY
Page 6

INDIVIDUAL LIFETIME RISK (deaths)
(All Radionuclides and Pathways)

	Distance (m)			
Direction	50	550	1200	2300
N	3.0E-06	7.4E-08	4.1E-08	3.4E-08
NNW	1.6E-06	5.3E-08	3.6E-08	3.3E-08
NW	1.7E-06	5.7E-08	3.7E-08	3.3E-08
WNW	2.1E-06	6.2E-08	3.8E-08	3.3E-08
W	1.6E-06	5.4E-08	3.6E-08	3.3E-08
WSW	8.1E-07	4.2E-08	3.4E-08	3.2E-08
SW	1.1E-06	4.7E-08	3.5E-08	3.2E-08
SSW	1.3E-06	5.1E-08	3.5E-08	3.2E-08
S	1.2E-06	4.8E-08	3.5E-08	3.2E-08
SSE	8.9E-07	4.3E-08	3.4E-08	3.2E-08
SE	1.3E-06	4.9E-08	3.5E-08	3.2E-08
ESE	2.1E-06	6.1E-08	3.8E-08	3.3E-08
E	2.6E-06	7.1E-08	4.0E-08	3.4E-08
ENE	2.2E-06	6.4E-08	3.9E-08	3.3E-08
NE	1.4E-06	5.1E-08	3.6E-08	3.2E-08
NNE	1.2E-06	4.8E-08	3.5E-08	3.2E-08

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CAP88 OUTPUT RESULTS

IA-09 Ballfields

D O S E A N D R I S K S U M M A R I E S

Non-Radon Individual Assessment
Thu Mar 27 14:05:40 2025

```
     Facility:  IA-09 Ball fields
      Address:
         City:  St. Louis
        State:  MO          Zip:  63042


Source Category:  Area
    Source Type:  Area
  Emission Year:  2024
 DOSE Age Group:  Adult

       Comments:  Air


   Dataset Name:  2024IA09Ballfiel
   Dataset Date:  Mar 27, 2025 02:05 PM
      Wind File:  C:\Users\eversw\Documents\CAP88\Wind Files\13994.WND
```

Thu Mar 27 14:05:40 2025 SUMMARY
Page 1

ORGAN DOSE EQUIVALENT SUMMARY

Organ	Selected Individual (mrem)
Adrenals	8.08E-02
UB_Wall	8.72E-02
Bone_Sur	1.51E+01
Brain	8.41E-02
Breasts	9.01E-02
St_Wall	8.48E-02
SI_Wall	8.44E-02
ULI_Wall	8.91E-02
LLI_Wall	9.89E-02
Kidneys	2.88E-01
Liver	5.29E-01
Muscle	9.21E-02
Ovaries	1.91E-01
Pancreas	8.14E-02
R_Marrow	6.86E-01
Skin	5.26E-01
Spleen	8.52E-02
Testes	2.02E-01
Thymus	8.43E-02
Thyroid	8.69E-02
GB_Wall	8.17E-02
Ht_Wall	8.40E-02
Uterus	8.35E-02
ET_Reg	1.13E+00
Lung	2.77E+00
Effectiv	6.81E-01

PATHWAY EFFECTIVE DOSE EQUIVALENT SUMMARY

Pathway	Selected Individual (mrem)
INGESTION	2.61E-02
INHALATION	5.90E-01
AIR IMMERSION	3.33E-06
GROUND SURFACE	6.46E-02
INTERNAL	6.16E-01
EXTERNAL	6.46E-02
TOTAL	6.81E-01

Thu Mar 27 14:05:40 2025 SUMMARY
Page 2

NUCLIDE EFFECTIVE DOSE EQUIVALENT SUMMARY

Nuclide	Selected Individual (mrem)
U-238	1.58E-03
Th-234	4.65E-04
Pa-234m	6.85E-04
Pa-234	1.35E-05
U-234	1.91E-03
Th-230	4.64E-01
Ra-226	5.99E-03
Rn-222	6.02E-06
Po-218	1.08E-10
Pb-214	3.93E-03
At-218	4.05E-10
Bi-214	2.30E-02
Rn-218	2.34E-12
Po-214	1.27E-06
Tl-210	8.97E-06
Pb-210	1.88E-05
Bi-210	3.04E-04
Hg-206	2.46E-11
Po-210	7.88E-08
Tl-206	7.11E-10
U-235	1.49E-04
Th-231	5.57E-06
Pa-231	4.76E-02
Ac-227	4.08E-02
Th-227	4.77E-04
Fr-223	4.50E-06
Ra-223	5.34E-04
Rn-219	2.31E-04
At-219	0.00E+00
Bi-215	1.04E-09
Po-215	7.06E-07
Pb-211	4.54E-04
Bi-211	1.87E-04
Tl-207	2.35E-04
Po-211	9.00E-08
Th-232	4.10E-03
Ra-228	4.44E-02
Ac-228	1.35E-02
Th-228	5.56E-03
Ra-224	4.99E-04
Rn-220	9.11E-06
Po-216	2.20E-07
Pb-212	2.00E-03
Bi-212	2.33E-03
Po-212	0.00E+00
Tl-208	1.61E-02
TOTAL	6.81E-01

CANCER RISK SUMMARY

Cancer	Selected Individual Total Lifetime Fatal Cancer Risk
Esophagu	8.26E-10
Stomach	2.98E-09
Colon	8.37E-09
Liver	6.65E-09
LUNG	2.83E-07
Bone	9.44E-09
Skin	5.15E-10
Breast	3.38E-09
Ovary	2.06E-09
Bladder	1.98E-09
Kidneys	1.20E-09
Thyroid	2.39E-10
Leukemia	5.08E-09
Residual	1.10E-08
Total	3.37E-07
TOTAL	3.37E-07

PATHWAY RISK SUMMARY

Pathway	Selected Individual Total Lifetime Fatal Cancer Risk
INGESTION	7.54E-09
INHALATION	2.96E-07
AIR IMMERSION	1.74E-12
GROUND SURFACE	3.36E-08
INTERNAL	3.04E-07
EXTERNAL	3.36E-08
TOTAL	3.37E-07

NUCLIDE RISK SUMMARY

Nuclide	Selected Individual Total Lifetime Fatal Cancer Risk
U-238	1.65E-09
Th-234	5.01E-10
Pa-234m	1.20E-10
Pa-234	7.33E-12
U-234	2.02E-09
Th-230	2.50E-07
Ra-226	5.33E-09
Rn-222	3.28E-12
Po-218	4.81E-17
Pb-214	2.10E-09
At-218	4.98E-17
Bi-214	1.21E-08
Rn-218	1.28E-18
Po-214	6.99E-13
Tl-210	4.79E-12
Pb-210	8.43E-12
Bi-210	3.37E-11
Hg-206	1.09E-17
Po-210	4.32E-14
Tl-206	7.99E-17
U-235	1.33E-10
Th-231	3.14E-12
Pa-231	4.67E-09
Ac-227	1.13E-08
Th-227	2.59E-10
Fr-223	1.68E-12
Ra-223	2.88E-10
Rn-219	1.26E-10
At-219	0.00E+00
Bi-215	4.64E-16
Po-215	3.87E-13
Pb-211	1.62E-10
Bi-211	1.02E-10
Tl-207	3.02E-11
Po-211	4.93E-14
Th-232	1.82E-09
Ra-228	2.06E-08
Ac-228	7.19E-09
Th-228	5.64E-09
Ra-224	5.02E-10
Rn-220	4.98E-12
Po-216	1.21E-13
Pb-212	1.09E-09
Bi-212	9.00E-10
Po-212	0.00E+00
Tl-208	8.77E-09
TOTAL	3.37E-07

Thu Mar 27 14:05:40 2025 SUMMARY
Page 5

INDIVIDUAL EFFECTIVE DOSE EQUIVALENT (mrem)
(All Radionuclides and Pathways)

Direction	Distance (m) 200	1300	1800	2200	
N	6.8E-01	3.9E-02	3.0E-02	2.6E-02	
NNW	3.6E-01	2.9E-02	2.4E-02	2.2E-02	
NW	4.2E-01	3.0E-02	2.5E-02	2.3E-02	Resident (1300 m)
WNW	5.1E-01	3.3E-02	2.7E-02	2.4E-02	
W	3.9E-01	2.9E-02	2.4E-02	2.3E-02	
WSW	2.0E-01	2.3E-02	2.1E-02	2.0E-02	
SW	2.7E-01	2.5E-02	2.2E-02	2.1E-02	
SSW	3.3E-01	2.7E-02	2.3E-02	2.2E-02	
S	2.9E-01	2.6E-02	2.3E-02	2.1E-02	
SSE	2.1E-01	2.4E-02	2.1E-02	2.0E-02	
SE	2.9E-01	2.7E-02	2.3E-02	2.1E-02	Business (200 m)
ESE	4.9E-01	3.3E-02	2.6E-02	2.4E-02	
E	6.5E-01	3.7E-02	2.9E-02	2.6E-02	Farm (1800 m)
ENE	5.4E-01	3.4E-02	2.7E-02	2.4E-02	
NE	3.3E-01	2.8E-02	2.3E-02	2.2E-02	School (2200 m)
NNE	2.8E-01	2.6E-02	2.3E-02	2.1E-02	

Note: Highlighted EDE values (mrem) are applicable to the critical receptors as defined in the Radionuclide Emissions NESHAP Report (Appendix B) taking into account the distance and direction from the applicable site to each receptor. The highlighted value assumes 100 percent occupancy.

Thu Mar 27 14:05:40 2025 SUMMARY
Page 6

INDIVIDUAL LIFETIME RISK (deaths)
(All Radionuclides and Pathways)

	Distance (m)			
Direction	200	1300	1800	2200
N	3.4E-07	1.6E-08	1.1E-08	9.6E-09
NNW	1.7E-07	1.1E-08	8.4E-09	7.5E-09
NW	2.1E-07	1.2E-08	8.9E-09	7.8E-09
WNW	2.5E-07	1.3E-08	9.6E-09	8.4E-09
W	1.9E-07	1.1E-08	8.5E-09	7.6E-09
WSW	9.4E-08	8.0E-09	6.8E-09	6.4E-09
SW	1.3E-07	9.1E-09	7.5E-09	6.8E-09
SSW	1.6E-07	1.0E-08	8.0E-09	7.2E-09
S	1.4E-07	9.6E-09	7.7E-09	7.0E-09
SSE	1.0E-07	8.3E-09	7.0E-09	6.5E-09
SE	1.4E-07	9.7E-09	7.8E-09	7.1E-09
ESE	2.4E-07	1.3E-08	9.5E-09	8.3E-09
E	3.2E-07	1.5E-08	1.1E-08	9.1E-09
ENE	2.7E-07	1.3E-08	9.8E-09	8.5E-09
NE	1.6E-07	1.0E-08	8.1E-09	7.3E-09
NNE	1.4E-07	9.4E-09	7.6E-09	7.0E-09

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CAP88 OUTPUT RESULTS

McDonnell Blvd

D O S E A N D R I S K S U M M A R I E S

Non-Radon Individual Assessment
Wed Mar 26 10:44:32 2025

Facility: McDonnell Blvd
Address:
City: St. Louis
State: MO Zip: 63042

Source Category: Area
Source Type: Area
Emission Year: 2024
DOSE Age Group: Adult

Comments: Air

Dataset Name: 2024McDonnell.
Dataset Date: Mar 26, 2025 10:44 AM
Wind File: C:\Users\eversw\Documents\CAP88\Wind Files\13994.WND

Wed Mar 26 10:44:32 2025 SUMMARY
Page 1

ORGAN DOSE EQUIVALENT SUMMARY

Organ	Selected Individual (mrem)
Adrenals	1.79E-01
UB_Wall	1.97E-01
Bone_Sur	1.41E+01
Brain	1.88E-01
Breasts	2.04E-01
St_Wall	1.90E-01
SI_Wall	1.89E-01
ULI_Wall	1.96E-01
LLI_Wall	2.11E-01
Kidneys	4.10E-01
Liver	4.56E-01
Muscle	2.10E-01
Ovaries	2.72E-01
Pancreas	1.81E-01
R_Marrow	8.74E-01
Skin	1.38E+00
Spleen	1.91E-01
Testes	2.99E-01
Thymus	1.89E-01
Thyroid	1.96E-01
GB_Wall	1.82E-01
Ht_Wall	1.88E-01
Uterus	1.87E-01
ET_Reg	1.45E+00
Lung	3.73E+00
Effectiv	8.86E-01

PATHWAY EFFECTIVE DOSE EQUIVALENT SUMMARY

Pathway	Selected Individual (mrem)
INGESTION	6.30E-02
INHALATION	6.43E-01
AIR IMMERSION	8.22E-06
GROUND SURFACE	1.80E-01
INTERNAL	7.06E-01
EXTERNAL	1.80E-01
TOTAL	8.86E-01

NUCLIDE EFFECTIVE DOSE EQUIVALENT SUMMARY

Nuclide	Selected Individual (mrem)
U-238	6.33E-03
Th-234	6.05E-04
Pa-234m	2.54E-03
Pa-234	5.01E-05
U-234	7.64E-03
Th-230	4.33E-01
Ra-226	1.53E-02
Rn-222	1.30E-05
Po-218	2.33E-10
Pb-214	8.51E-03
At-218	8.75E-10
Bi-214	4.97E-02
Rn-218	5.07E-12
Po-214	2.75E-06
Tl-210	1.94E-05
Pb-210	4.14E-05
Bi-210	6.69E-04
Hg-206	5.40E-11
Po-210	1.73E-07
Tl-206	1.56E-09
U-235	6.93E-04
Th-231	2.38E-05
Pa-231	3.82E-08
Ac-227	1.28E-10
Th-227	6.11E-08
Fr-223	5.76E-10
Ra-223	6.83E-08
Rn-219	2.96E-08
At-219	0.00E+00
Bi-215	1.33E-13
Po-215	9.03E-11
Pb-211	5.81E-08
Bi-211	2.39E-08
Tl-207	3.01E-08
Po-211	1.15E-11
Th-232	4.69E-02
Ra-228	1.28E-01
Ac-228	4.64E-02
Th-228	6.33E-02
Ra-224	4.55E-03
Rn-220	3.17E-05
Po-216	7.66E-07
Pb-212	6.97E-03
Bi-212	8.13E-03
Po-212	0.00E+00
Tl-208	5.62E-02
TOTAL	8.86E-01

CANCER RISK SUMMARY

Cancer	Selected Individual Total Lifetime Fatal Cancer Risk
Esophagu	2.02E-09
Stomach	7.79E-09
Colon	2.16E-08
Liver	7.55E-09
LUNG	3.91E-07
Bone	1.24E-08
Skin	1.38E-09
Breast	9.11E-09
Ovary	3.60E-09
Bladder	4.84E-09
Kidneys	2.12E-09
Thyroid	6.21E-10
Leukemia	1.22E-08
Residual	2.90E-08
Total	5.05E-07
TOTAL	5.05E-07

PATHWAY RISK SUMMARY

Pathway	Selected Individual Total Lifetime Fatal Cancer Risk
INGESTION	2.17E-08
INHALATION	3.89E-07
AIR IMMERSION	4.42E-12
GROUND SURFACE	9.42E-08
INTERNAL	4.11E-07
EXTERNAL	9.42E-08
TOTAL	5.05E-07

NUCLIDE RISK SUMMARY

Nuclide	Selected Individual Total Lifetime Fatal Cancer Risk
U-238	6.58E-09
Th-234	5.81E-10
Pa-234m	4.45E-10
Pa-234	2.72E-11
U-234	8.04E-09
Th-230	2.33E-07
Ra-226	1.32E-08
Rn-222	7.11E-12
Po-218	1.04E-16
Pb-214	4.55E-09
At-218	1.08E-16
Bi-214	2.63E-08
Rn-218	2.77E-18
Po-214	1.51E-12
Tl-210	1.04E-11
Pb-210	1.85E-11
Bi-210	7.42E-11
Hg-206	2.40E-17
Po-210	9.51E-14
Tl-206	1.76E-16
U-235	6.12E-10
Th-231	1.16E-11
Pa-231	1.99E-14
Ac-227	4.78E-17
Th-227	3.31E-14
Fr-223	2.15E-16
Ra-223	3.69E-14
Rn-219	1.62E-14
At-219	0.00E+00
Bi-215	5.94E-20
Po-215	4.95E-17
Pb-211	2.08E-14
Bi-211	1.31E-14
Tl-207	3.87E-15
Po-211	6.31E-18
Th-232	2.08E-08
Ra-228	5.92E-08
Ac-228	2.47E-08
Th-228	6.43E-08
Ra-224	5.11E-09
Rn-220	1.74E-11
Po-216	4.21E-13
Pb-212	3.79E-09
Bi-212	3.14E-09
Po-212	0.00E+00
Tl-208	3.06E-08
TOTAL	5.05E-07

Wed Mar 26 10:44:32 2025 SUMMARY
Page 5

INDIVIDUAL EFFECTIVE DOSE EQUIVALENT (mrem)
(All Radionuclides and Pathways)

	Distance (m)				
Direction	400	1300	1600	2400	
N	8.9E-01	1.4E-01	1.2E-01	8.1E-02	
NNW	4.8E-01	9.7E-02	8.2E-02	6.4E-02	
NW	5.5E-01	1.0E-01	8.7E-02	6.7E-02	Resident (1300 m)
WNW	6.6E-01	1.2E-01	9.6E-02	7.1E-02	
W	5.1E-01	9.9E-02	8.4E-02	6.5E-02	Business (400 m)
WSW	2.7E-01	7.2E-02	6.4E-02	5.5E-02	
SW	3.6E-01	8.2E-02	7.1E-02	5.9E-02	
SSW	4.4E-01	9.0E-02	7.7E-02	6.2E-02	
S	3.9E-01	8.6E-02	7.4E-02	6.0E-02	
SSE	2.9E-01	7.4E-02	6.6E-02	5.6E-02	
SE	4.0E-01	8.7E-02	7.5E-02	6.1E-02	
ESE	6.5E-01	1.2E-01	9.5E-02	7.1E-02	
E	8.3E-01	1.3E-01	1.1E-01	7.7E-02	Farm (1600 m)
ENE	7.0E-01	1.2E-01	9.8E-02	7.2E-02	
NE	4.4E-01	9.1E-02	7.8E-02	6.2E-02	School (1300 m)
NNE	3.8E-01	8.4E-02	7.3E-02	6.0E-02	

Note: Highlighted EDE values (mrem) are applicable to the critical receptors as defined in the Radionuclide Emissions NESHAP Report (Appendix B) taking into account the distance and direction from the applicable site to each receptor. The highlighted value assumes 100 percent occupancy.

Wed Mar 26 10:44:32 2025 SUMMARY
Page 6

INDIVIDUAL LIFETIME RISK (deaths)
(All Radionuclides and Pathways)

	Distance (m)			
Direction	400	1300	1600	2400
N	5.0E-07	7.3E-08	5.6E-08	3.6E-08
NNW	2.7E-07	4.5E-08	3.7E-08	2.7E-08
NW	3.1E-07	5.0E-08	4.0E-08	2.8E-08
WNW	3.8E-07	5.7E-08	4.5E-08	3.1E-08
W	2.9E-07	4.7E-08	3.8E-08	2.7E-08
WSW	1.5E-07	3.1E-08	2.6E-08	2.1E-08
SW	2.0E-07	3.7E-08	3.1E-08	2.3E-08
SSW	2.4E-07	4.2E-08	3.4E-08	2.5E-08
S	2.2E-07	3.9E-08	3.2E-08	2.4E-08
SSE	1.6E-07	3.2E-08	2.8E-08	2.2E-08
SE	2.2E-07	4.0E-08	3.3E-08	2.5E-08
ESE	3.7E-07	5.6E-08	4.4E-08	3.0E-08
E	4.7E-07	6.7E-08	5.2E-08	3.4E-08
ENE	3.9E-07	5.8E-08	4.6E-08	3.1E-08
NE	2.5E-07	4.2E-08	3.5E-08	2.5E-08
NNE	2.1E-07	3.8E-08	3.2E-08	2.4E-08

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CAP88 OUTPUT RESULTS

IA-09 SSA

D O S E A N D R I S K S U M M A R I E S

Non-Radon Individual Assessment
Wed Mar 26 10:52:15 2025

```
     Facility:  IA-09 SSA
      Address:
         City:  St. Louis
        State:  MO          Zip:  63042


Source Category:  Area
    Source Type:  Area
  Emission Year:  2024
 DOSE Age Group:  Adult

       Comments:  Air


   Dataset Name:  2024IA09SSA.
   Dataset Date:  Mar 26, 2025 10:52 AM
      Wind File:  C:\Users\eversw\Documents\CAP88\Wind Files\13994.WND
```

Wed Mar 26 10:52:15 2025 SUMMARY
Page 1

ORGAN DOSE EQUIVALENT SUMMARY

Organ	Selected Individual (mrem)
Adrenals	6.25E-01
UB_Wall	6.87E-01
Bone_Sur	5.20E+01
Brain	6.57E-01
Breasts	7.12E-01
St_Wall	6.63E-01
SI_Wall	6.59E-01
ULI_Wall	6.84E-01
LLI_Wall	7.37E-01
Kidneys	1.45E+00
Liver	1.88E+00
Muscle	7.33E-01
Ovaries	9.80E-01
Pancreas	6.31E-01
R_Marrow	3.10E+00
Skin	4.86E+00
Spleen	6.68E-01
Testes	1.07E+00
Thymus	6.59E-01
Thyroid	6.82E-01
GB_Wall	6.33E-01
Ht_Wall	6.56E-01
Uterus	6.52E-01
ET_Reg	5.09E+00
Lung	1.32E+01
Effectiv	3.17E+00

PATHWAY EFFECTIVE DOSE EQUIVALENT SUMMARY

Pathway	Selected Individual (mrem)
INGESTION	1.85E-01
INHALATION	2.36E+00
AIR IMMERSION	2.82E-05
GROUND SURFACE	6.23E-01
INTERNAL	2.55E+00
EXTERNAL	6.23E-01
TOTAL	3.17E+00

NUCLIDE EFFECTIVE DOSE EQUIVALENT SUMMARY

Nuclide	Selected Individual (mrem)
U-238	2.43E-02
Th-234	2.04E-03
Pa-234m	9.35E-03
Pa-234	1.84E-04
U-234	2.94E-02
Th-230	1.48E+00
Ra-226	5.50E-02
Rn-222	4.67E-05
Po-218	8.34E-10
Pb-214	3.05E-02
At-218	3.14E-09
Bi-214	1.78E-01
Rn-218	1.82E-11
Po-214	9.87E-06
Tl-210	6.95E-05
Pb-210	1.48E-04
Bi-210	2.40E-03
Hg-206	1.94E-10
Po-210	6.22E-07
Tl-206	5.60E-09
U-235	2.54E-03
Th-231	8.49E-05
Pa-231	6.49E-02
Ac-227	4.91E-02
Th-227	6.12E-04
Fr-223	5.76E-06
Ra-223	6.84E-04
Rn-219	2.96E-04
At-219	0.00E+00
Bi-215	1.33E-09
Po-215	9.05E-07
Pb-211	5.82E-04
Bi-211	2.40E-04
Tl-207	3.01E-04
Po-211	1.15E-07
Th-232	1.75E-01
Ra-228	4.15E-01
Ac-228	1.56E-01
Th-228	2.36E-01
Ra-224	1.68E-02
Rn-220	1.07E-04
Po-216	2.57E-06
Pb-212	2.34E-02
Bi-212	2.73E-02
Po-212	0.00E+00
Tl-208	1.89E-01
TOTAL	3.17E+00

CANCER RISK SUMMARY

Cancer	Selected Individual Total Lifetime Fatal Cancer Risk
Esophagu	6.95E-09
Stomach	2.65E-08
Colon	7.29E-08
Liver	2.87E-08
LUNG	1.39E-06
Bone	4.24E-08
Skin	4.84E-09
Breast	3.13E-08
Ovary	1.26E-08
Bladder	1.66E-08
Kidneys	7.26E-09
Thyroid	2.12E-09
Leukemia	4.18E-08
Residual	9.86E-08
Total	1.78E-06
TOTAL	1.78E-06

PATHWAY RISK SUMMARY

Pathway	Selected Individual Total Lifetime Fatal Cancer Risk
INGESTION	6.34E-08
INHALATION	1.39E-06
AIR IMMERSION	1.51E-11
GROUND SURFACE	3.25E-07
INTERNAL	1.45E-06
EXTERNAL	3.25E-07
TOTAL	1.78E-06

Wed Mar 26 10:52:15 2025 SUMMARY
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NUCLIDE RISK SUMMARY

Nuclide	Selected Individual Total Lifetime Fatal Cancer Risk
U-238	2.54E-08
Th-234	1.91E-09
Pa-234m	1.64E-09
Pa-234	1.00E-10
U-234	3.10E-08
Th-230	7.98E-07
Ra-226	4.91E-08
Rn-222	2.55E-11
Po-218	3.73E-16
Pb-214	1.63E-08
At-218	3.86E-16
Bi-214	9.41E-08
Rn-218	9.93E-18
Po-214	5.42E-12
Tl-210	3.71E-11
Pb-210	6.65E-11
Bi-210	2.66E-10
Hg-206	8.59E-17
Po-210	3.41E-13
Tl-206	6.30E-16
U-235	2.26E-09
Th-231	4.11E-11
Pa-231	6.36E-09
Ac-227	1.36E-08
Th-227	3.31E-10
Fr-223	2.15E-12
Ra-223	3.69E-10
Rn-219	1.62E-10
At-219	0.00E+00
Bi-215	5.94E-16
Po-215	4.96E-13
Pb-211	2.08E-10
Bi-211	1.31E-10
Tl-207	3.87E-11
Po-211	6.32E-14
Th-232	7.76E-08
Ra-228	1.93E-07
Ac-228	8.30E-08
Th-228	2.40E-07
Ra-224	1.90E-08
Rn-220	5.83E-11
Po-216	1.41E-12
Pb-212	1.27E-08
Bi-212	1.05E-08
Po-212	0.00E+00
Tl-208	1.03E-07
TOTAL	1.78E-06

Wed Mar 26 10:52:15 2025 SUMMARY
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INDIVIDUAL EFFECTIVE DOSE EQUIVALENT (mrem)
(All Radionuclides and Pathways)

	Distance (m)				
Direction	175	1500	1600	2100	
N	3.2E+00	1.9E-01	1.8E-01	1.6E-01	
NNW	1.7E+00	1.6E-01	1.6E-01	1.5E-01	
NW	2.0E+00	1.6E-01	1.6E-01	1.5E-01	Resident (1500 m)
WNW	2.4E+00	1.7E-01	1.7E-01	1.5E-01	
W	1.8E+00	1.6E-01	1.6E-01	1.5E-01	
WSW	9.4E-01	1.4E-01	1.4E-01	1.4E-01	
SW	1.3E+00	1.5E-01	1.5E-01	1.4E-01	
SSW	1.6E+00	1.6E-01	1.5E-01	1.4E-01	
S	1.4E+00	1.5E-01	1.5E-01	1.4E-01	Business (175 m)
SSE	1.0E+00	1.5E-01	1.4E-01	1.4E-01	
SE	1.4E+00	1.5E-01	1.5E-01	1.4E-01	
ESE	2.3E+00	1.7E-01	1.7E-01	1.5E-01	
E	3.0E+00	1.8E-01	1.8E-01	1.6E-01	
ENE	2.5E+00	1.7E-01	1.7E-01	1.5E-01	Farm (1600 m)
NE	1.6E+00	1.6E-01	1.5E-01	1.4E-01	School (2100 m)
NNE	1.3E+00	1.5E-01	1.5E-01	1.4E-01	

Note: Highlighted EDE values (mrem) are applicable to the critical receptors as defined in the Radionuclide Emissions NESHAP Report (Appendix B) taking into account the distance and direction from the applicable site to each receptor. The highlighted value assumes 100 percent occupancy.

Wed Mar 26 10:52:15 2025 SUMMARY
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INDIVIDUAL LIFETIME RISK (deaths)
(All Radionuclides and Pathways)

	Distance (m)			
Direction	175	1500	1600	2100
N	1.8E-06	7.9E-08	7.5E-08	6.4E-08
NNW	9.3E-07	6.2E-08	6.0E-08	5.5E-08
NW	1.1E-06	6.5E-08	6.3E-08	5.6E-08
WNW	1.3E-06	6.9E-08	6.7E-08	5.9E-08
W	1.0E-06	6.3E-08	6.1E-08	5.5E-08
WSW	5.1E-07	5.3E-08	5.3E-08	5.0E-08
SW	7.1E-07	5.7E-08	5.6E-08	5.2E-08
SSW	8.6E-07	6.0E-08	5.8E-08	5.3E-08
S	7.5E-07	5.9E-08	5.7E-08	5.3E-08
SSE	5.4E-07	5.4E-08	5.3E-08	5.0E-08
SE	7.6E-07	5.9E-08	5.7E-08	5.3E-08
ESE	1.3E-06	6.9E-08	6.6E-08	5.8E-08
E	1.7E-06	7.5E-08	7.2E-08	6.2E-08
ENE	1.4E-06	7.0E-08	6.7E-08	5.9E-08
NE	8.7E-07	6.0E-08	5.9E-08	5.4E-08
NNE	7.3E-07	5.8E-08	5.7E-08	5.2E-08

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CAP88 OUTPUT RESULTS

SLAPS Loadout

D O S E A N D R I S K S U M M A R I E S

Non-Radon Individual Assessment
Thu Mar 20 14:40:25 2025

```
     Facility:  SLAPS Loadout
      Address:
         City:  St. Louis
        State:  MO          Zip:  63042


Source Category:  Area
    Source Type:  Area
  Emission Year:  2024
 DOSE Age Group:  Adult

       Comments:  Air


   Dataset Name:  2024SLAPSloadout
   Dataset Date:  Mar 20, 2025 02:40 PM
      Wind File:  C:\Users\eversw\Documents\CAP88\Wind Files\13994.WND
```

Thu Mar 20 14:40:25 2025 SUMMARY
Page 1

ORGAN DOSE EQUIVALENT SUMMARY

Organ	Selected Individual (mrem)
Adrenals	6.49E-01
UB_Wall	7.07E-01
Bone_Sur	8.36E+01
Brain	6.78E-01
Breasts	7.31E-01
St_Wall	6.84E-01
SI_Wall	6.81E-01
ULI_Wall	7.12E-01
LLI_Wall	7.77E-01
Kidneys	1.86E+00
Liver	3.14E+00
Muscle	7.50E-01
Ovaries	1.25E+00
Pancreas	6.54E-01
R_Marrow	4.29E+00
Skin	4.52E+00
Spleen	6.88E-01
Testes	1.35E+00
Thymus	6.80E-01
Thyroid	7.03E-01
GB_Wall	6.56E-01
Ht_Wall	6.78E-01
Uterus	6.73E-01
ET_Reg	6.96E+00
Lung	1.73E+01
Effectiv	4.25E+00

PATHWAY EFFECTIVE DOSE EQUIVALENT SUMMARY

Pathway	Selected Individual (mrem)
INGESTION	2.13E-01
INHALATION	3.46E+00
AIR IMMERSION	3.05E-05
GROUND SURFACE	5.84E-01
INTERNAL	3.67E+00
EXTERNAL	5.84E-01
TOTAL	4.25E+00

NUCLIDE EFFECTIVE DOSE EQUIVALENT SUMMARY

Nuclide	Selected Individual (mrem)
U-238	1.58E-02
Th-234	2.36E-03
Pa-234m	6.35E-03
Pa-234	1.25E-04
U-234	1.91E-02
Th-230	2.55E+00
Ra-226	4.57E-02
Rn-222	4.30E-05
Po-218	7.68E-10
Pb-214	2.81E-02
At-218	2.89E-09
Bi-214	1.64E-01
Rn-218	1.67E-11
Po-214	9.09E-06
Tl-210	6.40E-05
Pb-210	1.35E-04
Bi-210	2.19E-03
Hg-206	1.77E-10
Po-210	5.66E-07
Tl-206	5.11E-09
U-235	1.62E-03
Th-231	5.62E-05
Pa-231	1.55E-01
Ac-227	2.09E-01
Th-227	1.98E-03
Fr-223	1.87E-05
Ra-223	2.21E-03
Rn-219	9.58E-04
At-219	0.00E+00
Bi-215	4.31E-09
Po-215	2.93E-06
Pb-211	1.88E-03
Bi-211	7.75E-04
Tl-207	9.75E-04
Po-211	3.73E-07
Th-232	9.40E-02
Ra-228	4.42E-01
Ac-228	1.46E-01
Th-228	1.27E-01
Ra-224	9.70E-03
Rn-220	9.94E-05
Po-216	2.40E-06
Pb-212	2.18E-02
Bi-212	2.55E-02
Po-212	0.00E+00
Tl-208	1.76E-01
TOTAL	4.25E+00

CANCER RISK SUMMARY

Cancer	Selected Individual Total Lifetime Fatal Cancer Risk
Esophagu	7.00E-09
Stomach	2.61E-08
Colon	7.24E-08
Liver	4.32E-08
LUNG	1.79E-06
Bone	5.97E-08
Skin	4.47E-09
Breast	3.01E-08
Ovary	1.48E-08
Bladder	1.67E-08
Kidneys	8.60E-09
Thyroid	2.09E-09
Leukemia	4.25E-08
Residual	9.67E-08
Total	2.22E-06
TOTAL	2.22E-06

PATHWAY RISK SUMMARY

Pathway	Selected Individual Total Lifetime Fatal Cancer Risk
INGESTION	6.85E-08
INHALATION	1.84E-06
AIR IMMERSION	1.63E-11
GROUND SURFACE	3.04E-07
INTERNAL	1.91E-06
EXTERNAL	3.05E-07
TOTAL	2.22E-06

Thu Mar 20 14:40:25 2025 SUMMARY
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NUCLIDE RISK SUMMARY

Nuclide	Selected Individual Total Lifetime Fatal Cancer Risk
U-238	1.65E-08
Th-234	2.41E-09
Pa-234m	1.11E-09
Pa-234	6.80E-11
U-234	2.02E-08
Th-230	1.37E-06
Ra-226	4.07E-08
Rn-222	2.34E-11
Po-218	3.43E-16
Pb-214	1.50E-08
At-218	3.56E-16
Bi-214	8.66E-08
Rn-218	9.15E-18
Po-214	4.99E-12
Tl-210	3.42E-11
Pb-210	6.06E-11
Bi-210	2.42E-10
Hg-206	7.83E-17
Po-210	3.11E-13
Tl-206	5.74E-16
U-235	1.44E-09
Th-231	2.87E-11
Pa-231	1.52E-08
Ac-227	5.76E-08
Th-227	1.07E-09
Fr-223	6.96E-12
Ra-223	1.20E-09
Rn-219	5.24E-10
At-219	0.00E+00
Bi-215	1.92E-15
Po-215	1.60E-12
Pb-211	6.73E-10
Bi-211	4.23E-10
Tl-207	1.25E-10
Po-211	2.04E-13
Th-232	4.17E-08
Ra-228	2.06E-07
Ac-228	7.80E-08
Th-228	1.29E-07
Ra-224	1.06E-08
Rn-220	5.44E-11
Po-216	1.32E-12
Pb-212	1.19E-08
Bi-212	9.82E-09
Po-212	0.00E+00
Tl-208	9.57E-08
TOTAL	2.22E-06

Thu Mar 20 14:40:25 2025 SUMMARY
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INDIVIDUAL EFFECTIVE DOSE EQUIVALENT (mrem)
(All Radionuclides and Pathways)

	Distance (m)				
Direction	200	1700	1750	2400	
N	4.3E+00	2.3E-01	2.3E-01	1.9E-01	
NNW	2.2E+00	1.9E-01	1.9E-01	1.7E-01	
NW	2.6E+00	2.0E-01	1.9E-01	1.7E-01	Resident (1700 m)
WNW	3.2E+00	2.1E-01	2.0E-01	1.8E-01	Business (200 m)
W	2.4E+00	1.9E-01	1.9E-01	1.7E-01	
WSW	1.2E+00	1.7E-01	1.7E-01	1.6E-01	
SW	1.7E+00	1.8E-01	1.8E-01	1.6E-01	
SSW	2.1E+00	1.8E-01	1.8E-01	1.7E-01	
S	1.8E+00	1.8E-01	1.8E-01	1.7E-01	
SSE	1.3E+00	1.7E-01	1.7E-01	1.6E-01	
SE	1.9E+00	1.8E-01	1.8E-01	1.7E-01	
ESE	3.1E+00	2.1E-01	2.0E-01	1.8E-01	
E	4.0E+00	2.2E-01	2.2E-01	1.9E-01	School (2400 m)
ENE	3.4E+00	2.1E-01	2.1E-01	1.8E-01	
NE	2.1E+00	1.9E-01	1.8E-01	1.7E-01	Farm (1750 m)
NNE	1.8E+00	1.8E-01	1.8E-01	1.7E-01	

Note: Highlighted EDE values (mrem) are applicable to the critical receptors as defined in the Radionuclide Emissions NESHAP Report (Appendix B) taking into account the distance and direction from the applicable site to each receptor. The highlighted value assumes 100 percent occupancy.

Thu Mar 20 14:40:25 2025 SUMMARY
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INDIVIDUAL LIFETIME RISK (deaths)
(All Radionuclides and Pathways)

	Distance (m)			
Direction	200	1700	1750	2400
N	2.2E-06	9.2E-08	9.0E-08	7.3E-08
NNW	1.2E-06	7.1E-08	7.0E-08	6.1E-08
NW	1.4E-06	7.4E-08	7.3E-08	6.3E-08
WNW	1.7E-06	8.0E-08	7.8E-08	6.6E-08
W	1.3E-06	7.2E-08	7.1E-08	6.1E-08
WSW	6.3E-07	5.9E-08	5.9E-08	5.4E-08
SW	8.7E-07	6.4E-08	6.3E-08	5.7E-08
SSW	1.1E-06	6.8E-08	6.7E-08	5.9E-08
S	9.3E-07	6.6E-08	6.5E-08	5.8E-08
SSE	6.7E-07	6.1E-08	6.0E-08	5.5E-08
SE	9.5E-07	6.6E-08	6.6E-08	5.8E-08
ESE	1.6E-06	7.9E-08	7.8E-08	6.5E-08
E	2.1E-06	8.8E-08	8.6E-08	7.0E-08
ENE	1.7E-06	8.1E-08	7.9E-08	6.6E-08
NE	1.1E-06	6.8E-08	6.7E-08	5.9E-08
NNE	9.1E-07	6.5E-08	6.4E-08	5.8E-08

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CAP88-PC RUNS FOR THE FUSRAP ST. LOUIS RADIOANALYTICAL LABORATORY

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CAP88 OUTPUT RESULTS

USACE Laboratory

CAP88-PC

D O S E A N D R I S K S U M M A R I E S

Non-Radon Individual Assessment
Tue Mar 25 08:47:52 2025

```
     Facility:  USACE Laboratory
      Address:
         City:  St. Louis
        State:  MO          Zip:  63042

Source Category:  Area
    Source Type:  Stack
  Emission Year:  2024
 DOSE Age Group:  Adult

       Comments:  Air

   Dataset Name:  2025USACELab.
   Dataset Date:  Mar 25, 2025 08:47 AM
      Wind File:  C:\Users\eversw\Documents\CAP88\Wind Files\13994.WND
```

Tue Mar 25 08:47:52 2025 SUMMARY
Page 1

ORGAN DOSE EQUIVALENT SUMMARY

Organ	Selected Individual (mrem)
Adrenals	5.29E-05
UB_Wall	5.74E-05
Bone_Sur	9.14E-03
Brain	5.53E-05
Breasts	5.97E-05
St_Wall	5.58E-05
SI_Wall	5.55E-05
ULI_Wall	5.77E-05
LLI_Wall	6.26E-05
Kidneys	1.81E-04
Liver	3.09E-04
Muscle	6.12E-05
Ovaries	1.22E-04
Pancreas	5.33E-05
R_Marrow	3.91E-04
Skin	4.62E-04
Spleen	5.62E-05
Testes	1.30E-04
Thymus	5.55E-05
Thyroid	5.74E-05
GB_Wall	5.36E-05
Ht_Wall	5.53E-05
Uterus	5.49E-05
ET_Reg	8.08E-04
Lung	2.07E-03
Effectiv	4.62E-04

PATHWAY EFFECTIVE DOSE EQUIVALENT SUMMARY

Pathway	Selected Individual (mrem)
INGESTION	1.02E-05
INHALATION	4.04E-04
AIR IMMERSION	1.65E-10
GROUND SURFACE	4.74E-05
INTERNAL	4.14E-04
EXTERNAL	4.74E-05
TOTAL	4.62E-04

Tue Mar 25 08:47:52 2025 SUMMARY
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NUCLIDE EFFECTIVE DOSE EQUIVALENT SUMMARY

Nuclide	Selected Individual (mrem)
U-238	3.55E-06
Th-234	1.26E-07
Pa-234m	1.54E-06
Pa-234	3.03E-08
U-234	4.20E-06
Th-230	3.16E-04
Ra-226	7.14E-06
Rn-222	7.25E-09
Po-218	1.30E-13
Pb-214	4.74E-06
At-218	4.87E-13
Bi-214	2.77E-05
Rn-218	2.82E-15
Po-214	1.53E-09
Tl-210	1.08E-08
Pb-210	2.29E-08
Bi-210	3.71E-07
Hg-206	2.99E-14
Po-210	9.60E-11
Tl-206	8.65E-13
U-235	3.18E-07
Th-231	1.13E-08
Pa-231	2.10E-05
Ac-227	2.57E-05
Th-227	2.92E-07
Fr-223	2.75E-09
Ra-223	3.27E-07
Rn-219	1.42E-07
At-219	0.00E+00
Bi-215	6.36E-13
Po-215	4.32E-10
Pb-211	2.78E-07
Bi-211	1.15E-07
Tl-207	1.44E-07
Po-211	5.51E-11
Th-232	1.41E-05
Ra-228	2.24E-06
Ac-228	4.26E-06
Th-228	1.91E-05
Ra-224	1.27E-06
Rn-220	3.04E-09
Po-216	7.34E-11
Pb-212	6.69E-07
Bi-212	7.80E-07
Po-212	0.00E+00
Tl-208	5.39E-06
TOTAL	4.62E-04

CANCER RISK SUMMARY

Cancer	Selected Individual Total Lifetime Fatal Cancer Risk
Esophagu	5.27E-13
Stomach	1.89E-12
Colon	5.15E-12
Liver	3.58E-12
LUNG	2.13E-10
Bone	4.95E-12
Skin	4.53E-13
Breast	2.30E-12
Ovary	1.26E-12
Bladder	1.27E-12
Kidneys	6.89E-13
Thyroid	1.54E-13
Leukemia	3.21E-12
Residual	7.09E-12
Total	2.46E-10
TOTAL	2.46E-10

PATHWAY RISK SUMMARY

Pathway	Selected Individual Total Lifetime Fatal Cancer Risk
INGESTION	1.83E-12
INHALATION	2.20E-10
AIR IMMERSION	8.77E-17
GROUND SURFACE	2.43E-11
INTERNAL	2.22E-10
EXTERNAL	2.43E-11
TOTAL	2.46E-10

Tue Mar 25 08:47:52 2025 SUMMARY
Page 4

NUCLIDE RISK SUMMARY

Nuclide	Selected Individual Total Lifetime Fatal Cancer Risk
U-238	3.70E-12
Th-234	7.34E-14
Pa-234m	2.69E-13
Pa-234	1.64E-14
U-234	4.42E-12
Th-230	1.70E-10
Ra-226	6.24E-12
Rn-222	3.96E-15
Po-218	5.79E-20
Pb-214	2.53E-12
At-218	6.01E-20
Bi-214	1.46E-11
Rn-218	1.54E-21
Po-214	8.42E-16
Tl-210	5.77E-15
Pb-210	1.03E-14
Bi-210	4.11E-14
Hg-206	1.33E-20
Po-210	5.27E-17
Tl-206	9.73E-20
U-235	2.77E-13
Th-231	5.20E-15
Pa-231	2.06E-12
Ac-227	7.09E-12
Th-227	1.58E-13
Fr-223	1.03E-15
Ra-223	1.77E-13
Rn-219	7.75E-14
At-219	0.00E+00
Bi-215	2.84E-19
Po-215	2.37E-16
Pb-211	9.94E-14
Bi-211	6.26E-14
Tl-207	1.85E-14
Po-211	3.02E-17
Th-232	6.27E-12
Ra-228	1.03E-12
Ac-228	2.26E-12
Th-228	1.94E-11
Ra-224	1.48E-12
Rn-220	1.67E-15
Po-216	4.04E-17
Pb-212	3.64E-13
Bi-212	3.01E-13
Po-212	0.00E+00
Tl-208	2.93E-12
TOTAL	2.46E-10

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INDIVIDUAL EFFECTIVE DOSE EQUIVALENT (mrem)
(All Radionuclides and Pathways)

	Distance (m)				
Direction	50	1600	1700	2400	
N	4.6E-04	1.7E-05	1.6E-05	1.2E-05	
NNW	2.7E-04	1.2E-05	1.1E-05	9.4E-06	Farm (50 m)
NW	2.5E-04	1.3E-05	1.2E-05	9.8E-06	
WNW	2.6E-04	1.4E-05	1.4E-05	1.1E-05	Resident (1600 m)
W	2.6E-04	1.2E-05	1.2E-05	9.5E-06	
WSW	1.5E-04	9.4E-06	9.1E-06	8.0E-06	
SW	1.6E-04	1.0E-05	1.0E-05	8.6E-06	
SSW	1.8E-04	1.1E-05	1.1E-05	9.0E-06	
S	2.6E-04	1.1E-05	1.0E-05	8.8E-06	
SSE	2.0E-04	9.6E-06	9.3E-06	8.1E-06	
SE	2.5E-04	1.1E-05	1.1E-05	8.8E-06	
ESE	3.1E-04	1.4E-05	1.3E-05	1.0E-05	
E	3.3E-04	1.6E-05	1.5E-05	1.2E-05	School (2400 m)
ENE	2.5E-04	1.5E-05	1.4E-05	1.1E-05	
NE	2.2E-04	1.1E-05	1.1E-05	9.1E-06	Farm (2400 m)
NNE	2.0E-04	1.1E-05	1.0E-05	8.7E-06	

Note: Highlighted EDE values (mrem) are applicable to the critical receptors as defined in the Radionuclide Emissions NESHAP Report (Appendix B) taking into account the distance and direction from the applicable site to each receptor. The highlighted value assumes 100 percent occupancy.

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INDIVIDUAL LIFETIME RISK (deaths)
(All Radionuclides and Pathways)

	Distance (m)			
Direction	50	1600	1700	2400
N	2.5E-10	6.9E-12	6.3E-12	4.1E-12
NNW	1.4E-10	4.1E-12	3.8E-12	2.7E-12
NW	1.3E-10	4.6E-12	4.3E-12	2.9E-12
WNW	1.4E-10	5.3E-12	4.9E-12	3.3E-12
W	1.4E-10	4.3E-12	4.0E-12	2.8E-12
WSW	7.8E-11	2.7E-12	2.6E-12	2.0E-12
SW	8.1E-11	3.3E-12	3.1E-12	2.3E-12
SSW	9.5E-11	3.8E-12	3.6E-12	2.5E-12
S	1.4E-10	3.5E-12	3.3E-12	2.4E-12
SSE	1.0E-10	2.8E-12	2.7E-12	2.0E-12
SE	1.3E-10	3.6E-12	3.4E-12	2.4E-12
ESE	1.7E-10	5.2E-12	4.9E-12	3.3E-12
E	1.8E-10	6.4E-12	5.9E-12	3.9E-12
ENE	1.3E-10	5.5E-12	5.1E-12	3.4E-12
NE	1.1E-10	3.9E-12	3.6E-12	2.6E-12
NNE	1.1E-10	3.4E-12	3.2E-12	2.3E-12

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APPENDIX C

ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER, ALPHA TRACK DETECTOR, AND PERIMETER AIR DATA

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Table C-1. Background Air Particulate Data Results for CY 2024

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
BKG265197	BAP-001	01/02/24	Gross Alpha/Beta	Gross Alpha	5.49E-15	1.26E-15	4.35E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG265197	BAP-001	01/02/24	Gross Alpha/Beta	Gross Beta	2.08E-14	2.46E-15	9.13E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273214	BAP-001	01/08/24	Gross Alpha/Beta	Gross Alpha	1.05E-14	1.98E-15	5.37E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273214	BAP-001	01/08/24	Gross Alpha/Beta	Gross Beta	3.49E-14	3.78E-15	1.13E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273215	BAP-001	01/17/24	Gross Alpha/Beta	Gross Alpha	6.77E-15	1.24E-15	3.23E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273215	BAP-001	01/17/24	Gross Alpha/Beta	Gross Beta	2.34E-14	2.46E-15	6.76E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273216	BAP-001	01/23/24	Gross Alpha/Beta	Gross Alpha	3.76E-15	1.17E-15	5.73E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273216	BAP-001	01/23/24	Gross Alpha/Beta	Gross Beta	1.64E-14	2.33E-15	1.20E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273217	BAP-001	01/29/24	Gross Alpha/Beta	Gross Alpha	3.53E-15	1.09E-15	5.28E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273217	BAP-001	01/29/24	Gross Alpha/Beta	Gross Beta	1.52E-14	2.15E-15	1.11E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273218	BAP-001	02/05/24	Gross Alpha/Beta	Gross Alpha	5.01E-15	1.17E-15	4.16E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273218	BAP-001	02/05/24	Gross Alpha/Beta	Gross Beta	2.02E-14	2.38E-15	8.72E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273219	BAP-001	02/12/24	Gross Alpha/Beta	Gross Alpha	3.70E-15	1.08E-15	4.98E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273219	BAP-001	02/12/24	Gross Alpha/Beta	Gross Beta	1.71E-14	2.27E-15	1.05E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273220	BAP-001	02/20/24	Gross Alpha/Beta	Gross Alpha	2.77E-15	7.98E-16	3.60E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273220	BAP-001	02/20/24	Gross Alpha/Beta	Gross Beta	2.08E-14	2.32E-15	7.54E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273221	BAP-001	02/26/24	Gross Alpha/Beta	Gross Alpha	3.53E-15	1.09E-15	5.28E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273221	BAP-001	02/26/24	Gross Alpha/Beta	Gross Beta	2.33E-14	2.83E-15	1.11E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273222	BAP-001	03/06/24	Gross Alpha/Beta	Gross Alpha	2.06E-15	6.88E-16	3.62E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273222	BAP-001	03/06/24	Gross Alpha/Beta	Gross Beta	1.55E-14	1.90E-15	7.60E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273223	BAP-001	03/11/24	Gross Alpha/Beta	Gross Alpha	2.11E-15	9.17E-16	6.25E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273223	BAP-001	03/11/24	Gross Alpha/Beta	Gross Beta	1.31E-14	2.12E-15	1.31E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273224	BAP-001	03/18/24	Gross Alpha/Beta	Gross Alpha	2.58E-15	8.30E-16	4.21E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273224	BAP-001	03/18/24	Gross Alpha/Beta	Gross Beta	1.63E-14	2.06E-15	8.83E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273225	BAP-001	03/25/24	Gross Alpha/Beta	Gross Alpha	1.18E-15	5.80E-16	4.43E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273225	BAP-001	03/25/24	Gross Alpha/Beta	Gross Beta	1.49E-14	1.98E-15	9.28E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273226	BAP-001	04/01/24	Gross Alpha/Beta	Gross Alpha	6.74E-15	1.40E-15	4.04E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273226	BAP-001	04/01/24	Gross Alpha/Beta	Gross Beta	1.87E-14	2.36E-15	1.42E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273227	BAP-001	04/09/24	Gross Alpha/Beta	Gross Alpha	2.94E-15	8.42E-16	3.53E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273227	BAP-001	04/09/24	Gross Alpha/Beta	Gross Beta	1.26E-14	1.75E-15	1.16E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273228	BAP-001	04/15/24	Gross Alpha/Beta	Gross Alpha	4.11E-15	1.21E-15	5.21E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273228	BAP-001	04/15/24	Gross Alpha/Beta	Gross Beta	1.76E-14	2.50E-15	1.70E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273229	BAP-001	04/22/24	Gross Alpha/Beta	Gross Alpha	6.08E-15	1.34E-15	4.19E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273229	BAP-001	04/22/24	Gross Alpha/Beta	Gross Beta	2.12E-14	2.58E-15	1.44E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273230	BAP-001	04/27/24	Gross Alpha/Beta	Gross Alpha	4.32E-15	1.21E-15	4.93E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273230	BAP-001	04/27/24	Gross Alpha/Beta	Gross Beta	1.95E-14	2.60E-15	1.62E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273231	BAP-001	05/06/24	Gross Alpha/Beta	Gross Alpha	3.25E-15	8.86E-16	3.53E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273231	BAP-001	05/06/24	Gross Alpha/Beta	Gross Beta	1.41E-14	1.87E-15	1.16E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273232	BAP-001	05/13/24	Gross Alpha/Beta	Gross Alpha	2.07E-15	7.66E-16	4.19E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273232	BAP-001	05/13/24	Gross Alpha/Beta	Gross Beta	1.30E-14	1.91E-15	1.33E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273233	BAP-001	05/20/24	Gross Alpha/Beta	Gross Alpha	4.38E-15	1.18E-15	4.62E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273233	BAP-001	05/20/24	Gross Alpha/Beta	Gross Beta	2.22E-14	2.74E-15	1.52E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273234	BAP-001	05/28/24	Gross Alpha/Beta	Gross Alpha	2.02E-15	6.24E-16	2.87E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring

Table C-1. Background Air Particulate Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
BKG273234	BAP-001	05/28/24	Gross Alpha/Beta	Gross Beta	1.38E-14	1.70E-15	9.21E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273235	BAP-001	06/03/24	Gross Alpha/Beta	Gross Alpha	2.02E-15	8.13E-16	4.83E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273235	BAP-001	06/03/24	Gross Alpha/Beta	Gross Beta	1.34E-14	2.07E-15	1.53E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273236	BAP-001	06/10/24	Gross Alpha/Beta	Gross Alpha	2.15E-15	8.52E-16	5.01E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273236	BAP-001	06/10/24	Gross Alpha/Beta	Gross Beta	1.85E-14	2.52E-15	1.57E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273237	BAP-001	06/17/24	Gross Alpha/Beta	Gross Alpha	2.01E-15	7.46E-16	4.17E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273237	BAP-001	06/17/24	Gross Alpha/Beta	Gross Beta	2.36E-14	2.74E-15	1.30E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273238	BAP-001	06/24/24	Gross Alpha/Beta	Gross Alpha	1.62E-15	6.42E-16	3.82E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273238	BAP-001	06/24/24	Gross Alpha/Beta	Gross Beta	1.99E-14	2.37E-15	1.19E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273239	BAP-001	07/03/24	Gross Alpha/Beta	Gross Alpha	7.16E-15	1.44E-15	5.61E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273239	BAP-001	07/03/24	Gross Alpha/Beta	Gross Beta	1.90E-14	2.40E-15	1.47E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273240	BAP-001	07/09/24	Gross Alpha/Beta	Gross Alpha	5.81E-15	1.42E-15	6.89E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273240	BAP-001	07/09/24	Gross Alpha/Beta	Gross Beta	1.45E-14	2.23E-15	1.72E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273241	BAP-001	07/15/24	Gross Alpha/Beta	Gross Alpha	6.09E-15	1.44E-15	6.81E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273241	BAP-001	07/15/24	Gross Alpha/Beta	Gross Beta	1.89E-14	2.57E-15	1.71E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273242	BAP-001	07/25/24	Gross Alpha/Beta	Gross Alpha	4.68E-15	9.72E-16	3.94E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273242	BAP-001	07/25/24	Gross Alpha/Beta	Gross Beta	1.44E-14	1.77E-15	1.02E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273243	BAP-001	07/29/24	Gross Alpha/Beta	Gross Alpha	8.14E-15	2.12E-15	1.11E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273243	BAP-001	07/29/24	Gross Alpha/Beta	Gross Beta	2.33E-14	3.57E-15	2.72E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273244	BAP-001	08/05/24	Gross Alpha/Beta	Gross Alpha	4.83E-15	1.18E-15	5.79E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273244	BAP-001	08/05/24	Gross Alpha/Beta	Gross Beta	2.24E-14	2.68E-15	1.43E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273245	BAP-001	08/12/24	Gross Alpha/Beta	Gross Alpha	4.09E-15	1.11E-15	6.05E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273245	BAP-001	08/12/24	Gross Alpha/Beta	Gross Beta	2.00E-14	2.53E-15	1.47E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273246	BAP-001	08/21/24	Gross Alpha/Beta	Gross Alpha	4.33E-15	1.05E-15	5.09E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273246	BAP-001	08/21/24	Gross Alpha/Beta	Gross Beta	2.46E-14	2.73E-15	1.26E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273247	BAP-001	08/26/24	Gross Alpha/Beta	Gross Alpha	3.39E-15	1.19E-15	8.35E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273247	BAP-001	08/26/24	Gross Alpha/Beta	Gross Beta	3.32E-14	3.91E-15	1.94E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273248	BAP-001	09/04/24	Gross Alpha/Beta	Gross Alpha	3.28E-15	8.19E-16	4.15E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273248	BAP-001	09/04/24	Gross Alpha/Beta	Gross Beta	2.56E-14	2.65E-15	1.01E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273249	BAP-001	09/09/24	Gross Alpha/Beta	Gross Alpha	2.46E-15	9.41E-16	7.14E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273249	BAP-001	09/09/24	Gross Alpha/Beta	Gross Beta	2.04E-14	2.71E-15	1.66E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273250	BAP-001	09/16/24	Gross Alpha/Beta	Gross Alpha	2.27E-15	9.32E-16	7.54E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273250	BAP-001	09/16/24	Gross Alpha/Beta	Gross Beta	2.60E-14	3.21E-15	1.74E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273251	BAP-001	09/23/24	Gross Alpha/Beta	Gross Alpha	2.09E-15	8.61E-16	7.03E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273251	BAP-001	09/23/24	Gross Alpha/Beta	Gross Beta	3.64E-14	3.94E-15	1.60E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273252	BAP-001	09/25/24	Gross Alpha/Beta	Gross Beta	1.68E-14	3.96E-15	4.13E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273252	BAP-001	09/25/24	Gross Alpha/Beta	Gross Alpha	1.64E-15	1.39E-15	1.83E-15	µCi/mL	UJ	T04, T05	Background Air (Particulate Air)-Environmental Monitoring
BKG273254	BAP-001	10/14/24	Gross Alpha/Beta	Gross Beta	6.85E-15	1.53E-15	5.26E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273254	BAP-001	10/14/24	Gross Alpha/Beta	Gross Alpha	2.45E-14	2.94E-15	1.35E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273255	BAP-001	10/22/24	Gross Alpha/Beta	Gross Beta	4.86E-15	1.22E-15	4.83E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273255	BAP-001	10/22/24	Gross Alpha/Beta	Gross Alpha	2.57E-14	2.95E-15	1.18E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273256	BAP-001	10/28/24	Gross Alpha/Beta	Gross Beta	5.09E-15	1.22E-15	4.56E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273256	BAP-001	10/28/24	Gross Alpha/Beta	Gross Alpha	2.42E-14	2.78E-15	1.13E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring

Table C-1. Background Air Particulate Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
BKG273257	BAP-001	11/04/24	Gross Alpha/Beta	Gross Beta	5.06E-15	1.22E-15	4.57E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273257	BAP-001	11/04/24	Gross Alpha/Beta	Gross Alpha	1.92E-14	2.38E-15	1.14E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273258	BAP-001	11/13/24	Gross Alpha/Beta	Gross Alpha	4.00E-15	9.86E-16	3.82E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273258	BAP-001	11/13/24	Gross Alpha/Beta	Gross Beta	2.33E-14	2.56E-15	9.39E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273259	BAP-001	11/19/24	Gross Alpha/Beta	Gross Alpha	6.56E-15	1.47E-15	5.11E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273259	BAP-001	11/19/24	Gross Alpha/Beta	Gross Beta	3.36E-14	3.63E-15	1.31E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273260	BAP-001	11/25/24	Gross Alpha/Beta	Gross Alpha	5.63E-15	1.40E-15	5.44E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273260	BAP-001	11/25/24	Gross Alpha/Beta	Gross Beta	2.30E-14	2.84E-15	1.34E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273261	BAP-001	12/03/24	Gross Alpha/Beta	Gross Alpha	4.55E-15	1.05E-15	3.80E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273261	BAP-001	12/03/24	Gross Alpha/Beta	Gross Beta	3.01E-14	3.09E-15	9.55E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273262	BAP-001	12/09/24	Gross Alpha/Beta	Gross Alpha	3.05E-15	1.02E-15	5.49E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273262	BAP-001	12/09/24	Gross Alpha/Beta	Gross Beta	2.31E-14	2.84E-15	1.23E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273263	BAP-001	12/16/24	Gross Alpha/Beta	Gross Alpha	2.84E-15	8.87E-16	4.45E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273263	BAP-001	12/16/24	Gross Alpha/Beta	Gross Beta	2.64E-14	2.92E-15	1.01E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273264	BAP-001	12/23/24	Gross Alpha/Beta	Gross Alpha	2.59E-15	8.52E-16	4.29E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273264	BAP-001	12/23/24	Gross Alpha/Beta	Gross Beta	2.81E-14	3.08E-15	1.05E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273265	BAP-001	12/30/24	Gross Alpha/Beta	Gross Alpha	2.64E-15	8.62E-16	4.55E-16	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring
BKG273265	BAP-001	12/30/24	Gross Alpha/Beta	Gross Beta	3.86E-14	3.89E-15	1.02E-15	µCi/mL	=		Background Air (Particulate Air)-Environmental Monitoring

VQs:

= - Indicates that the data met all QA/QC requirements, and that the parameter has been positively identified and the associated concentration value is accurate.

UJ - Indicates that the parameter was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Validation Reason Code:

T04 - Radionuclide Quantitation: Professional judgment was used to qualify the data.

T05 - Analytical result is less than the associated MDA, but greater than the counting uncertainty.

Table C-2. Ra-222 Results for CY 2024

Sample Name	Station Name	Collect Date	Method Type	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event Name
HIS276996	BA-1	07/02/24	Radiological	Rn-222	0.08	0	0.08	pCi/L	UJ	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280607	BA-1	01/09/25	Radiological	Rn-222	0.22	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS276997	FA-1	07/02/24	Radiological	Rn-222	0.08	0	0.14	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280621	FA-1	01/09/25	Radiological	Rn-222	0.24	0	0.22	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS276998	FA-2	07/02/24	Radiological	Rn-222	0.08	0	0.08	pCi/L	UJ	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280622	FA-2	01/09/25	Radiological	Rn-222	0.24	0	0.27	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS276999	FA-3	07/02/24	Radiological	Rn-222	0.14	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280623	FA-3	01/09/25	Radiological	Rn-222	0.27	0	0.43	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277000	HF-1	07/02/24	Radiological	Rn-222	1.4	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280608	HF-1	01/09/25	Radiological	Rn-222	2.5	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277001	HF-2	07/02/24	Radiological	Rn-222	4.7	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280609	HF-2	01/09/25	Radiological	Rn-222	5.8	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277002	HF-3	07/02/24	Radiological	Rn-222	0.24	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280610	HF-3	01/09/25	Radiological	Rn-222	0.35	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277003	HF-4	07/02/24	Radiological	Rn-222	0.73	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280611	HF-4	01/09/25	Radiological	Rn-222	1.1	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277004	HF-5	07/02/24	Radiological	Rn-222	0.97	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280612	HF-5	01/09/25	Radiological	Rn-222	1.1	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277005	HF-6	07/02/24	Radiological	Rn-222	0.57	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280613	HF-6	01/09/25	Radiological	Rn-222	0.92	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277006	HF-7	07/02/24	Radiological	Rn-222	0.84	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280614	HF-7	01/09/25	Radiological	Rn-222	1.4	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277007	HF-8	07/02/24	Radiological	Rn-222	0.68	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280615	HF-8	01/09/25	Radiological	Rn-222	1.1	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277008	HF-9	07/02/24	Radiological	Rn-222	0.78	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280616	HF-9	01/09/25	Radiological	Rn-222	1.1	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277009	HF-10	07/02/24	Radiological	Rn-222	0.86	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280617	HF-10	01/09/25	Radiological	Rn-222	1.4	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277010	HF-11	07/02/24	Radiological	Rn-222	5.9	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280618	HF-11	01/09/25	Radiological	Rn-222	6.7	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277011	HF-12	07/02/24	Radiological	Rn-222	4.9	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280619	HF-12	01/09/25	Radiological	Rn-222	6.9	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
HIS277012	HF-13	07/02/24	Radiological	Rn-222	5.6	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
HIS280620	HF-13	01/09/25	Radiological	Rn-222	7.2	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
SLA277013	PA-1	07/02/24	Radiological	Rn-222	0.08	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
SLA280594	PA-1	01/09/25	Radiological	Rn-222	0.19	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
SLA277014	PA-2	07/02/24	Radiological	Rn-222	0.08	0	0.08	pCi/L	UJ	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
SLA280595	PA-2	01/09/25	Radiological	Rn-222	0.22	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
SLA277015	PA-3	07/02/24	Radiological	Rn-222	0.11	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
SLA280596	PA-3	01/09/25	Radiological	Rn-222	0.22	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
SLA277016	PA-4	07/02/24	Radiological	Rn-222	0.08	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-1st Semiannual 2024
SLA280597	PA-4	01/09/25	Radiological	Rn-222	0.22	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
SLA280598	PA-7	01/09/25	Radiological	Rn-222	0.24	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
SLA280599	PA-8	01/09/25	Radiological	Rn-222	0.30	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
SLA280600	PA-9	01/09/25	Radiological	Rn-222	0.22	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024
SLA280601	PA-10	01/09/25	Radiological	Rn-222	0.19	0	0.08	pCi/L	J	Y01	Environmental Monitoring (Alpha Tracks)-2nd Semiannual 2024

VQs:

J - Indicates that the parameter was positively identified; the associated numerical value is the approximate concentration of the parameter in the sample.

UJ - Indicates that the parameter was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Validation Reason Code:

Y01 - FUSRAP Only: Not enough supporting documentation to perform validation.

Table C-3. External Gamma Results for CY 2024

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
HIS275045	BA-1	04/01/24	Radiological	External gamma radiation	14.7	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-1Q2024
N/A	BA-1	07/02/24	Radiological	External gamma radiation	14.7	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-2Q2024
HIS278741	BA-1	10/02/24	Radiological	External gamma radiation	15.6	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
HIS280624	BA-1	01/09/25	Radiological	External gamma radiation	19.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
HIS275046	FA-2	04/01/24	Radiological	External gamma radiation	14.5	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-1Q2024
N/A	FA-2	07/02/24	Radiological	External gamma radiation	14.5	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-2Q2024
HIS278742	FA-2	10/02/24	Radiological	External gamma radiation	16.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
HIS280625	FA-2	01/09/25	Radiological	External gamma radiation	17.6	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
HIS275047	FA-3	04/01/24	Radiological	External gamma radiation	15.4	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-1Q2024
N/A	FA-3	07/02/24	Radiological	External gamma radiation	15.4	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-2Q2024
HIS278743	FA-3	10/02/24	Radiological	External gamma radiation	15.8	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
HIS280626	FA-3	01/09/25	Radiological	External gamma radiation	17.3	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
SLA275049	PA-1	04/01/24	Radiological	External gamma radiation	17.0	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-1Q2024
N/A	PA-1	07/02/24	Radiological	External gamma radiation	17.0	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-2Q2024
SLA278729	PA-1	10/02/24	Radiological	External gamma radiation	18.8	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
SLA280631	PA-1	01/09/25	Radiological	External gamma radiation	19.4	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
SLA275048	PA-2	04/01/24	Radiological	External gamma radiation	19.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-1Q2024
N/A	PA-2	07/02/24	Radiological	External gamma radiation	19.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-2Q2024
SLA278730	PA-2	10/02/24	Radiological	External gamma radiation	22.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
SLA280632	PA-2	01/09/25	Radiological	External gamma radiation	21.5	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
SLA275048-1	PA-2dup	04/01/24	Radiological	External gamma radiation	19.0	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-1Q2024
N/A	PA-2dup	07/02/24	Radiological	External gamma radiation	19.0	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-2Q2024
SLA278730-1	PA-2dup	10/02/24	Radiological	External gamma radiation	21.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
SLA280632-1	PA-2dup	01/09/25	Radiological	External gamma radiation	24.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
SLA275050	PA-3	04/01/24	Radiological	External gamma radiation	16.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-1Q2024
N/A	PA-3	07/02/24	Radiological	External gamma radiation	16.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-2Q2024
SLA278731	PA-3	10/02/24	Radiological	External gamma radiation	17.2	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
SLA280633	PA-3	01/09/25	Radiological	External gamma radiation	17.3	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
SLA275059	PA-4	04/01/24	Radiological	External gamma radiation	19.5	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-1Q2024
N/A	PA-4	07/02/24	Radiological	External gamma radiation	19.5	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-2Q2024
SLA278732	PA-4	10/02/24	Radiological	External gamma radiation	22.5	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
SLA280634	PA-4	01/09/25	Radiological	External gamma radiation	25.9	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
SLA278733	PA-7	10/02/24	Radiological	External gamma radiation	25.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
SLA280635	PA-7	01/09/25	Radiological	External gamma radiation	25.2	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
SLA278734	PA-8	10/02/24	Radiological	External gamma radiation	23.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
SLA280636	PA-8	01/09/25	Radiological	External gamma radiation	23.2	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
SLA278735	PA-9	10/02/24	Radiological	External gamma radiation	25.1	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
SLA280637	PA-9	01/09/25	Radiological	External gamma radiation	25.9	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024
SLA278736	PA-10	10/02/24	Radiological	External gamma radiation	24.8	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-3Q2024
SLA280638	PA-10	01/09/25	Radiological	External gamma radiation	26.2	0	0.1	mrem	J	Y01	Environmental Monitoring (TLDs)-4Q2024

VQs:

J - Indicates that the parameter was positively identified; the associated numerical value is the approximate concentration of the parameter in the sample.

Validation Reason Code:

Y01 - FUSRAP Only: Not enough supporting documentation to perform validation.

Table C-4. SLAPS Perimeter Air Data Results for CY 2024

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP272651	BALL FIELDS	01/02/24	Gross Alpha/Beta	Gross Alpha	5.36E-15	6.49E-15	9.66E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272651	BALL FIELDS	01/02/24	Gross Alpha/Beta	Gross Beta	1.67E-14	1.23E-14	1.83E-14	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272652	BALL FIELDS	01/02/24	Gross Alpha/Beta	Gross Alpha	1.42E-15	4.61E-15	9.66E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272652	BALL FIELDS	01/02/24	Gross Alpha/Beta	Gross Beta	3.84E-14	1.51E-14	1.83E-14	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272655	BALL FIELDS	01/03/24	Gross Alpha/Beta	Gross Alpha	1.42E-15	4.61E-15	9.66E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272655	BALL FIELDS	01/03/24	Gross Alpha/Beta	Gross Beta	4.88E-14	1.63E-14	1.83E-14	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272656	BALL FIELDS	01/03/24	Gross Alpha/Beta	Gross Alpha	2.74E-15	5.31E-15	9.66E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272656	BALL FIELDS	01/03/24	Gross Alpha/Beta	Gross Beta	4.48E-14	1.59E-14	1.83E-14	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272659	BALL FIELDS	01/04/24	Gross Alpha/Beta	Gross Alpha	5.41E-15	6.48E-15	9.77E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272659	BALL FIELDS	01/04/24	Gross Alpha/Beta	Gross Beta	4.09E-14	1.74E-14	2.34E-14	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272660	BALL FIELDS	01/04/24	Gross Alpha/Beta	Gross Alpha	5.41E-15	6.48E-15	9.77E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272660	BALL FIELDS	01/04/24	Gross Alpha/Beta	Gross Beta	2.93E-14	1.62E-14	2.34E-14	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272665	BALL FIELDS	01/08/24	Gross Alpha/Beta	Gross Alpha	4.45E-15	6.37E-15	1.04E-14	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272665	BALL FIELDS	01/08/24	Gross Alpha/Beta	Gross Beta	2.38E-14	1.65E-14	2.49E-14	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272666	BALL FIELDS	01/08/24	Gross Alpha/Beta	Gross Alpha	1.88E-15	5.22E-15	1.04E-14	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272666	BALL FIELDS	01/08/24	Gross Alpha/Beta	Gross Beta	5.82E-14	2.00E-14	2.49E-14	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272668	BALL FIELDS	01/10/24	Gross Alpha/Beta	Gross Alpha	2.90E-15	5.33E-15	9.49E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272668	BALL FIELDS	01/10/24	Gross Alpha/Beta	Gross Beta	1.88E-14	1.47E-14	2.27E-14	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272669	BALL FIELDS	01/10/24	Gross Alpha/Beta	Gross Alpha	8.78E-15	7.52E-15	9.49E-15	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272669	BALL FIELDS	01/10/24	Gross Alpha/Beta	Gross Beta	3.90E-14	1.69E-14	2.27E-14	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272670	BALL FIELDS	01/11/24	Gross Alpha/Beta	Gross Alpha	4.07E-15	5.83E-15	9.49E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272670	BALL FIELDS	01/11/24	Gross Alpha/Beta	Gross Beta	3.07E-14	1.60E-14	2.27E-14	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272671	BALL FIELDS	01/11/24	Gross Alpha/Beta	Gross Alpha	5.40E-16	4.15E-15	9.49E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272671	BALL FIELDS	01/11/24	Gross Alpha/Beta	Gross Beta	2.63E-14	1.55E-14	2.27E-14	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272672	BALL FIELDS	01/17/24	Gross Alpha/Beta	Gross Alpha	2.98E-15	5.48E-15	9.77E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272672	BALL FIELDS	01/17/24	Gross Alpha/Beta	Gross Beta	4.17E-14	1.75E-14	2.34E-14	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272673	BALL FIELDS	01/17/24	Gross Alpha/Beta	Gross Alpha	4.19E-15	6.00E-15	9.77E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272673	BALL FIELDS	01/17/24	Gross Alpha/Beta	Gross Beta	3.24E-14	1.66E-14	2.34E-14	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272675	BALL FIELDS	01/18/24	Gross Alpha/Beta	Gross Alpha	4.70E-15	5.99E-15	9.21E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272675	BALL FIELDS	01/18/24	Gross Alpha/Beta	Gross Beta	2.86E-14	1.61E-14	2.32E-14	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272676	BALL FIELDS	01/18/24	Gross Alpha/Beta	Gross Alpha	3.49E-15	5.48E-15	9.21E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272676	BALL FIELDS	01/18/24	Gross Alpha/Beta	Gross Beta	7.83E-15	1.38E-14	2.32E-14	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272677	BALL FIELDS	01/18/24	Gross Alpha/Beta	Gross Alpha	5.91E-15	6.47E-15	9.21E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272677	BALL FIELDS	01/18/24	Gross Alpha/Beta	Gross Beta	2.17E-14	1.53E-14	2.32E-14	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272678	BALL FIELDS	01/24/24	Gross Alpha/Beta	Gross Alpha	5.91E-15	6.47E-15	9.21E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272678	BALL FIELDS	01/24/24	Gross Alpha/Beta	Gross Beta	1.94E-14	1.51E-14	2.32E-14	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272679	BALL FIELDS	01/24/24	Gross Alpha/Beta	Gross Alpha	3.49E-15	5.48E-15	9.21E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272679	BALL FIELDS	01/24/24	Gross Alpha/Beta	Gross Beta	1.40E-14	1.45E-14	2.32E-14	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272680	BALL FIELDS	01/24/24	Gross Alpha/Beta	Gross Alpha	-2.58E-15	7.47E-16	9.21E-15	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272680	BALL FIELDS	01/24/24	Gross Alpha/Beta	Gross Beta	2.40E-14	1.56E-14	2.32E-14	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272681	BALL FIELDS	01/25/24	Gross Alpha/Beta	Gross Alpha	2.25E-15	9.06E-15	1.96E-14	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272681	BALL FIELDS	01/25/24	Gross Alpha/Beta	Gross Beta	2.73E-16	2.73E-14	4.94E-14	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272682	BALL FIELDS	01/25/24	Gross Alpha/Beta	Gross Alpha	4.83E-15	1.04E-14	1.96E-14	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272682	BALL FIELDS	01/25/24	Gross Alpha/Beta	Gross Beta	1.01E-14	2.85E-14	4.94E-14	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP272683	BALL FIELDS	01/25/24	Gross Alpha/Beta	Gross Alpha	1.513E-014	1.470E-014	1.958E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272683	BALL FIELDS	01/25/24	Gross Alpha/Beta	Gross Beta	1.009E-014	2.851E-014	4.936E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272684	BALL FIELDS	01/26/24	Gross Alpha/Beta	Gross Alpha	3.485E-015	5.475E-015	9.214E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272684	BALL FIELDS	01/26/24	Gross Alpha/Beta	Gross Beta	1.938E-014	1.507E-014	2.323E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272685	BALL FIELDS	01/26/24	Gross Alpha/Beta	Gross Alpha	5.910E-015	6.470E-015	9.214E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272685	BALL FIELDS	01/26/24	Gross Alpha/Beta	Gross Beta	1.168E-014	1.421E-014	2.323E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272686	BALL FIELDS	01/26/24	Gross Alpha/Beta	Gross Alpha	3.485E-015	5.475E-015	9.214E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272686	BALL FIELDS	01/26/24	Gross Alpha/Beta	Gross Beta	2.169E-014	1.532E-014	2.323E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272687	BALL FIELDS	01/29/24	Gross Alpha/Beta	Gross Alpha	1.823E-015	4.140E-015	7.995E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272687	BALL FIELDS	01/29/24	Gross Alpha/Beta	Gross Beta	3.130E-014	1.570E-014	2.200E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272688	BALL FIELDS	01/29/24	Gross Alpha/Beta	Gross Alpha	-5.42E-16	2.436E-015	7.995E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272688	BALL FIELDS	01/29/24	Gross Alpha/Beta	Gross Beta	7.745E-014	2.032E-014	2.200E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272689	BALL FIELDS	01/29/24	Gross Alpha/Beta	Gross Alpha	3.005E-015	4.771E-015	7.995E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272689	BALL FIELDS	01/29/24	Gross Alpha/Beta	Gross Beta	1.864E-014	1.432E-014	2.200E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272690	BALL FIELDS	01/30/24	Gross Alpha/Beta	Gross Alpha	3.005E-015	4.771E-015	7.995E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272690	BALL FIELDS	01/30/24	Gross Alpha/Beta	Gross Beta	4.767E-014	1.740E-014	2.200E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272691	BALL FIELDS	01/30/24	Gross Alpha/Beta	Gross Alpha	3.005E-015	4.771E-015	7.995E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272691	BALL FIELDS	01/30/24	Gross Alpha/Beta	Gross Beta	2.981E-014	1.554E-014	2.200E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272692	BALL FIELDS	01/30/24	Gross Alpha/Beta	Gross Alpha	4.188E-015	5.330E-015	7.995E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272692	BALL FIELDS	01/30/24	Gross Alpha/Beta	Gross Beta	4.990E-014	1.762E-014	2.200E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272693	BALL FIELDS	01/31/24	Gross Alpha/Beta	Gross Alpha	6.553E-015	6.304E-015	7.995E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272693	BALL FIELDS	01/31/24	Gross Alpha/Beta	Gross Beta	2.162E-014	1.465E-014	2.200E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272694	BALL FIELDS	01/31/24	Gross Alpha/Beta	Gross Alpha	3.005E-015	4.771E-015	7.995E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272694	BALL FIELDS	01/31/24	Gross Alpha/Beta	Gross Beta	2.087E-014	1.457E-014	2.200E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272695	BALL FIELDS	01/31/24	Gross Alpha/Beta	Gross Alpha	1.010E-014	7.540E-015	7.995E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272695	BALL FIELDS	01/31/24	Gross Alpha/Beta	Gross Beta	2.162E-014	1.465E-014	2.200E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272698	BALL FIELDS	02/01/24	Gross Alpha/Beta	Gross Alpha	3.005E-015	4.771E-015	7.995E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272698	BALL FIELDS	02/01/24	Gross Alpha/Beta	Gross Beta	4.172E-014	1.679E-014	2.200E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272699	BALL FIELDS	02/01/24	Gross Alpha/Beta	Gross Alpha	3.005E-015	4.771E-015	7.995E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272699	BALL FIELDS	02/01/24	Gross Alpha/Beta	Gross Beta	4.990E-014	1.762E-014	2.200E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272700	BALL FIELDS	02/01/24	Gross Alpha/Beta	Gross Alpha	-5.42E-16	2.436E-015	7.995E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272700	BALL FIELDS	02/01/24	Gross Alpha/Beta	Gross Beta	2.608E-014	1.514E-014	2.200E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272705	BALL FIELDS	02/05/24	Gross Alpha/Beta	Gross Alpha	-1.63E-15	2.482E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272705	BALL FIELDS	02/05/24	Gross Alpha/Beta	Gross Beta	1.662E-014	1.479E-014	2.332E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272706	BALL FIELDS	02/05/24	Gross Alpha/Beta	Gross Alpha	1.922E-015	4.790E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272706	BALL FIELDS	02/05/24	Gross Alpha/Beta	Gross Beta	3.598E-014	1.680E-014	2.332E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272707	BALL FIELDS	02/05/24	Gross Alpha/Beta	Gross Alpha	1.922E-015	4.790E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272707	BALL FIELDS	02/05/24	Gross Alpha/Beta	Gross Beta	3.821E-014	1.703E-014	2.332E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272710	BALL FIELDS	02/06/24	Gross Alpha/Beta	Gross Alpha	-4.43E-16	3.426E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272710	BALL FIELDS	02/06/24	Gross Alpha/Beta	Gross Beta	1.216E-014	1.431E-014	2.332E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272711	BALL FIELDS	02/06/24	Gross Alpha/Beta	Gross Alpha	6.651E-015	6.749E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272711	BALL FIELDS	02/06/24	Gross Alpha/Beta	Gross Beta	2.481E-014	1.566E-014	2.332E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272712	BALL FIELDS	02/06/24	Gross Alpha/Beta	Gross Alpha	7.390E-016	4.164E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272712	BALL FIELDS	02/06/24	Gross Alpha/Beta	Gross Beta	3.300E-014	1.650E-014	2.332E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP272715	BALL FIELDS	02/07/24	Gross Alpha/Beta	Gross Alpha	7.390E-016	4.164E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272715	BALL FIELDS	02/07/24	Gross Alpha/Beta	Gross Beta	1.216E-014	1.431E-014	2.332E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272716	BALL FIELDS	02/07/24	Gross Alpha/Beta	Gross Alpha	4.286E-015	5.850E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272716	BALL FIELDS	02/07/24	Gross Alpha/Beta	Gross Beta	3.523E-014	1.673E-014	2.332E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272717	BALL FIELDS	02/07/24	Gross Alpha/Beta	Gross Alpha	5.469E-015	6.315E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272717	BALL FIELDS	02/07/24	Gross Alpha/Beta	Gross Beta	3.672E-014	1.688E-014	2.332E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272720	BALL FIELDS	02/08/24	Gross Alpha/Beta	Gross Alpha	1.020E-014	7.917E-015	9.319E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272720	BALL FIELDS	02/08/24	Gross Alpha/Beta	Gross Beta	3.821E-014	1.703E-014	2.332E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272721	BALL FIELDS	02/08/24	Gross Alpha/Beta	Gross Alpha	7.390E-016	4.164E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272721	BALL FIELDS	02/08/24	Gross Alpha/Beta	Gross Beta	3.300E-014	1.650E-014	2.332E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272722	BALL FIELDS	02/08/24	Gross Alpha/Beta	Gross Alpha	3.104E-015	5.345E-015	9.319E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272722	BALL FIELDS	02/08/24	Gross Alpha/Beta	Gross Beta	2.332E-014	1.550E-014	2.332E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272727	BALL FIELDS	02/12/24	Gross Alpha/Beta	Gross Alpha	1.916E-015	4.601E-015	9.031E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272727	BALL FIELDS	02/12/24	Gross Alpha/Beta	Gross Beta	2.610E-014	1.360E-014	1.840E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272728	BALL FIELDS	02/12/24	Gross Alpha/Beta	Gross Alpha	3.229E-015	5.302E-015	9.031E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272728	BALL FIELDS	02/12/24	Gross Alpha/Beta	Gross Beta	3.411E-014	1.461E-014	1.840E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272729	BALL FIELDS	02/12/24	Gross Alpha/Beta	Gross Alpha	3.229E-015	5.302E-015	9.031E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272729	BALL FIELDS	02/12/24	Gross Alpha/Beta	Gross Beta	2.931E-014	1.401E-014	1.840E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272734	BALL FIELDS	02/13/24	Gross Alpha/Beta	Gross Alpha	1.916E-015	4.601E-015	9.031E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272734	BALL FIELDS	02/13/24	Gross Alpha/Beta	Gross Beta	5.173E-014	1.669E-014	1.840E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272735	BALL FIELDS	02/13/24	Gross Alpha/Beta	Gross Alpha	1.916E-015	4.601E-015	9.031E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272735	BALL FIELDS	02/13/24	Gross Alpha/Beta	Gross Beta	3.812E-014	1.509E-014	1.840E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272735	BALL FIELDS	02/13/24	Gross Alpha/Beta	Gross Alpha	1.916E-015	4.601E-015	9.031E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272735	BALL FIELDS	02/13/24	Gross Alpha/Beta	Gross Beta	3.812E-014	1.509E-014	1.840E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272736	BALL FIELDS	02/13/24	Gross Alpha/Beta	Gross Alpha	5.856E-015	6.484E-015	9.031E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272736	BALL FIELDS	02/13/24	Gross Alpha/Beta	Gross Beta	3.411E-014	1.461E-014	1.840E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272737	BALL FIELDS	02/14/24	Gross Alpha/Beta	Gross Alpha	-7.11E-16	2.711E-015	9.031E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272737	BALL FIELDS	02/14/24	Gross Alpha/Beta	Gross Beta	2.850E-014	1.391E-014	1.840E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272738	BALL FIELDS	02/14/24	Gross Alpha/Beta	Gross Alpha	3.229E-015	5.302E-015	9.031E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272738	BALL FIELDS	02/14/24	Gross Alpha/Beta	Gross Beta	5.254E-014	1.678E-014	1.840E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272739	BALL FIELDS	02/14/24	Gross Alpha/Beta	Gross Alpha	8.483E-015	7.488E-015	9.031E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272739	BALL FIELDS	02/14/24	Gross Alpha/Beta	Gross Beta	5.414E-014	1.696E-014	1.840E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272742	BALL FIELDS	02/15/24	Gross Alpha/Beta	Gross Alpha	3.723E-015	6.558E-015	1.149E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272742	BALL FIELDS	02/15/24	Gross Alpha/Beta	Gross Beta	1.377E-014	1.551E-014	2.517E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272743	BALL FIELDS	02/15/24	Gross Alpha/Beta	Gross Alpha	4.947E-015	7.005E-015	1.149E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272743	BALL FIELDS	02/15/24	Gross Alpha/Beta	Gross Beta	2.501E-014	1.671E-014	2.517E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272744	BALL FIELDS	02/15/24	Gross Alpha/Beta	Gross Alpha	-1.17E-15	4.356E-015	1.149E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272744	BALL FIELDS	02/15/24	Gross Alpha/Beta	Gross Beta	2.019E-014	1.620E-014	2.517E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272749	BALL FIELDS	02/19/24	Gross Alpha/Beta	Gross Alpha	4.400E-017	4.310E-015	9.912E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272749	BALL FIELDS	02/19/24	Gross Alpha/Beta	Gross Beta	4.961E-015	1.262E-014	2.171E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272750	BALL FIELDS	02/19/24	Gross Alpha/Beta	Gross Alpha	8.492E-015	7.394E-015	9.912E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272750	BALL FIELDS	02/19/24	Gross Alpha/Beta	Gross Beta	3.196E-014	1.549E-014	2.171E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272751	BALL FIELDS	02/19/24	Gross Alpha/Beta	Gross Alpha	4.400E-017	4.310E-015	9.912E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272751	BALL FIELDS	02/19/24	Gross Alpha/Beta	Gross Beta	3.542E-014	1.583E-014	2.171E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272752	BALL FIELDS	02/20/24	Gross Alpha/Beta	Gross Alpha	1.275E-015	5.564E-015	1.149E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272752	BALL FIELDS	02/20/24	Gross Alpha/Beta	Gross Beta	8.960E-015	1.499E-014	2.517E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP272753	BALL FIELDS	02/20/24	Gross Alpha/Beta	Gross Alpha	4.947E-015	7.005E-015	1.149E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272753	BALL FIELDS	02/20/24	Gross Alpha/Beta	Gross Beta	2.742E-014	1.696E-014	2.517E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272754	BALL FIELDS	02/20/24	Gross Alpha/Beta	Gross Alpha	2.499E-015	6.081E-015	1.149E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272754	BALL FIELDS	02/20/24	Gross Alpha/Beta	Gross Beta	4.025E-014	1.827E-014	2.517E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272757	BALL FIELDS	02/21/24	Gross Alpha/Beta	Gross Alpha	1.237E-015	5.400E-015	1.115E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272757	BALL FIELDS	02/21/24	Gross Alpha/Beta	Gross Beta	8.696E-015	1.455E-014	2.443E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272758	BALL FIELDS	02/21/24	Gross Alpha/Beta	Gross Alpha	5.000E-017	4.849E-015	1.115E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272758	BALL FIELDS	02/21/24	Gross Alpha/Beta	Gross Beta	3.206E-014	1.702E-014	2.443E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272759	BALL FIELDS	02/21/24	Gross Alpha/Beta	Gross Alpha	7.177E-015	7.594E-015	1.115E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272759	BALL FIELDS	02/21/24	Gross Alpha/Beta	Gross Beta	2.661E-014	1.646E-014	2.443E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272762	BALL FIELDS	02/22/24	Gross Alpha/Beta	Gross Alpha	5.124E-015	5.839E-015	8.326E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272762	BALL FIELDS	02/22/24	Gross Alpha/Beta	Gross Beta	5.859E-014	1.863E-014	2.237E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272763	BALL FIELDS	02/22/24	Gross Alpha/Beta	Gross Alpha	-7.88E-16	2.446E-015	8.326E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272763	BALL FIELDS	02/22/24	Gross Alpha/Beta	Gross Beta	7.227E-015	1.322E-014	2.237E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272764	BALL FIELDS	02/22/24	Gross Alpha/Beta	Gross Alpha	7.489E-015	6.742E-015	8.326E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272764	BALL FIELDS	02/22/24	Gross Alpha/Beta	Gross Beta	5.115E-014	1.790E-014	2.237E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272769	BALL FIELDS	02/26/24	Gross Alpha/Beta	Gross Alpha	1.104E-014	7.913E-015	8.326E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272769	BALL FIELDS	02/26/24	Gross Alpha/Beta	Gross Beta	4.593E-014	1.738E-014	2.237E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272770	BALL FIELDS	02/26/24	Gross Alpha/Beta	Gross Alpha	3.942E-015	5.333E-015	8.326E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272770	BALL FIELDS	02/26/24	Gross Alpha/Beta	Gross Beta	3.030E-014	1.577E-014	2.237E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272771	BALL FIELDS	02/26/24	Gross Alpha/Beta	Gross Alpha	3.942E-015	5.333E-015	8.326E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272771	BALL FIELDS	02/26/24	Gross Alpha/Beta	Gross Beta	4.742E-014	1.753E-014	2.237E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272774	BALL FIELDS	02/27/24	Gross Alpha/Beta	Gross Alpha	3.235E-015	5.599E-015	9.761E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272774	BALL FIELDS	02/27/24	Gross Alpha/Beta	Gross Beta	3.116E-014	1.802E-014	2.622E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272775	BALL FIELDS	02/27/24	Gross Alpha/Beta	Gross Alpha	6.008E-015	6.846E-015	9.761E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272775	BALL FIELDS	02/27/24	Gross Alpha/Beta	Gross Beta	4.949E-014	1.993E-014	2.622E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272776	BALL FIELDS	02/27/24	Gross Alpha/Beta	Gross Alpha	3.235E-015	5.599E-015	9.761E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272776	BALL FIELDS	02/27/24	Gross Alpha/Beta	Gross Beta	3.640E-014	1.858E-014	2.622E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272779	BALL FIELDS	02/28/24	Gross Alpha/Beta	Gross Alpha	1.787E-015	4.698E-015	9.436E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272779	BALL FIELDS	02/28/24	Gross Alpha/Beta	Gross Beta	2.338E-014	1.669E-014	2.535E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272780	BALL FIELDS	02/28/24	Gross Alpha/Beta	Gross Alpha	3.127E-015	5.412E-015	9.436E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272780	BALL FIELDS	02/28/24	Gross Alpha/Beta	Gross Beta	1.578E-014	1.585E-014	2.535E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272781	BALL FIELDS	02/28/24	Gross Alpha/Beta	Gross Alpha	-8.93E-16	2.773E-015	9.436E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272781	BALL FIELDS	02/28/24	Gross Alpha/Beta	Gross Beta	2.675E-014	1.706E-014	2.535E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272788	BALL FIELDS	02/29/24	Gross Alpha/Beta	Gross Alpha	1.915E-015	5.033E-015	1.011E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272788	BALL FIELDS	02/29/24	Gross Alpha/Beta	Gross Beta	3.680E-014	1.914E-014	2.716E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272789	BALL FIELDS	02/29/24	Gross Alpha/Beta	Gross Alpha	4.790E-016	4.131E-015	1.011E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272789	BALL FIELDS	02/29/24	Gross Alpha/Beta	Gross Beta	2.505E-014	1.788E-014	2.716E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272790	BALL FIELDS	02/29/24	Gross Alpha/Beta	Gross Alpha	3.350E-015	5.799E-015	1.011E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272790	BALL FIELDS	02/29/24	Gross Alpha/Beta	Gross Beta	1.962E-014	1.729E-014	2.716E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272797	BALL FIELDS	03/04/24	Gross Alpha/Beta	Gross Alpha	-2.75E-15	2.928E-015	1.173E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272797	BALL FIELDS	03/04/24	Gross Alpha/Beta	Gross Beta	3.069E-014	1.917E-014	2.852E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272798	BALL FIELDS	03/04/24	Gross Alpha/Beta	Gross Alpha	4.131E-015	6.823E-015	1.173E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272798	BALL FIELDS	03/04/24	Gross Alpha/Beta	Gross Beta	9.929E-015	1.696E-014	2.852E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP272799	BALL FIELDS	03/04/24	Gross Alpha/Beta	Gross Alpha	8.262E-015	8.342E-015	1.173E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272799	BALL FIELDS	03/04/24	Gross Alpha/Beta	Gross Beta	3.611E-015	1.626E-014	2.852E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272804	BALL FIELDS	03/05/24	Gross Alpha/Beta	Gross Alpha	-1.38E-15	4.016E-015	1.173E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272804	BALL FIELDS	03/05/24	Gross Alpha/Beta	Gross Beta	2.257E-014	1.832E-014	2.852E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272805	BALL FIELDS	03/05/24	Gross Alpha/Beta	Gross Alpha	1.377E-015	5.594E-015	1.173E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272805	BALL FIELDS	03/05/24	Gross Alpha/Beta	Gross Beta	-6.32E-15	1.512E-014	2.852E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272806	BALL FIELDS	03/05/24	Gross Alpha/Beta	Gross Alpha	5.508E-015	7.363E-015	1.173E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272806	BALL FIELDS	03/05/24	Gross Alpha/Beta	Gross Beta	-3.61E-15	1.544E-014	2.852E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272807	BALL FIELDS	03/06/24	Gross Alpha/Beta	Gross Alpha	1.377E-015	5.594E-015	1.173E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272807	BALL FIELDS	03/06/24	Gross Alpha/Beta	Gross Beta	7.221E-015	1.666E-014	2.852E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272808	BALL FIELDS	03/06/24	Gross Alpha/Beta	Gross Alpha	6.885E-015	7.867E-015	1.173E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272808	BALL FIELDS	03/06/24	Gross Alpha/Beta	Gross Beta	4.513E-015	1.636E-014	2.852E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272809	BALL FIELDS	03/06/24	Gross Alpha/Beta	Gross Alpha	2.203E-014	1.216E-014	1.173E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272809	BALL FIELDS	03/06/24	Gross Alpha/Beta	Gross Beta	3.791E-014	1.991E-014	2.852E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272812	BALL FIELDS	03/07/24	Gross Alpha/Beta	Gross Alpha	-1.33E-15	3.475E-015	1.206E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272812	BALL FIELDS	03/07/24	Gross Alpha/Beta	Gross Beta	2.439E-014	2.107E-014	3.308E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272813	BALL FIELDS	03/07/24	Gross Alpha/Beta	Gross Alpha	3.490E-016	4.826E-015	1.206E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272813	BALL FIELDS	03/07/24	Gross Alpha/Beta	Gross Beta	1.700E-014	2.028E-014	3.308E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272814	BALL FIELDS	03/07/24	Gross Alpha/Beta	Gross Alpha	5.375E-015	7.558E-015	1.206E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272814	BALL FIELDS	03/07/24	Gross Alpha/Beta	Gross Beta	1.068E-014	1.958E-014	3.308E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272819	BALL FIELDS	03/11/24	Gross Alpha/Beta	Gross Alpha	4.161E-015	5.852E-015	9.338E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272819	BALL FIELDS	03/11/24	Gross Alpha/Beta	Gross Beta	2.786E-014	1.726E-014	2.561E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272820	BALL FIELDS	03/11/24	Gross Alpha/Beta	Gross Alpha	-1.03E-15	2.690E-015	9.338E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272820	BALL FIELDS	03/11/24	Gross Alpha/Beta	Gross Beta	1.725E-014	1.614E-014	2.561E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272821	BALL FIELDS	03/11/24	Gross Alpha/Beta	Gross Alpha	4.161E-015	5.852E-015	9.338E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272821	BALL FIELDS	03/11/24	Gross Alpha/Beta	Gross Beta	1.398E-014	1.579E-014	2.561E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272824	BALL FIELDS	03/12/24	Gross Alpha/Beta	Gross Alpha	-9.64E-16	2.527E-015	8.773E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272824	BALL FIELDS	03/12/24	Gross Alpha/Beta	Gross Beta	-9.87E-15	1.220E-014	2.406E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272825	BALL FIELDS	03/12/24	Gross Alpha/Beta	Gross Alpha	7.564E-015	6.948E-015	8.773E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272825	BALL FIELDS	03/12/24	Gross Alpha/Beta	Gross Beta	1.544E-014	1.508E-014	2.406E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272826	BALL FIELDS	03/12/24	Gross Alpha/Beta	Gross Alpha	5.127E-015	6.018E-015	8.773E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272826	BALL FIELDS	03/12/24	Gross Alpha/Beta	Gross Beta	5.302E-014	1.890E-014	2.406E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272828	BALL FIELDS	03/13/24	Gross Alpha/Beta	Gross Alpha	4.976E-015	5.841E-015	8.515E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272828	BALL FIELDS	03/13/24	Gross Alpha/Beta	Gross Beta	3.136E-014	1.635E-014	2.335E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272829	BALL FIELDS	03/13/24	Gross Alpha/Beta	Gross Alpha	3.794E-015	5.335E-015	8.515E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272829	BALL FIELDS	03/13/24	Gross Alpha/Beta	Gross Beta	2.466E-014	1.566E-014	2.335E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272830	BALL FIELDS	03/13/24	Gross Alpha/Beta	Gross Alpha	6.159E-015	6.308E-015	8.515E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272830	BALL FIELDS	03/13/24	Gross Alpha/Beta	Gross Beta	3.657E-014	1.688E-014	2.335E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP272831	BALL FIELDS	03/14/24	Gross Alpha/Beta	Gross Alpha	3.699E-015	6.769E-015	1.206E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272831	BALL FIELDS	03/14/24	Gross Alpha/Beta	Gross Beta	2.333E-014	2.096E-014	3.308E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272832	BALL FIELDS	03/14/24	Gross Alpha/Beta	Gross Alpha	2.024E-015	5.877E-015	1.206E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272832	BALL FIELDS	03/14/24	Gross Alpha/Beta	Gross Beta	2.755E-014	2.141E-014	3.308E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272833	BALL FIELDS	03/14/24	Gross Alpha/Beta	Gross Alpha	2.024E-015	5.877E-015	1.206E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272833	BALL FIELDS	03/14/24	Gross Alpha/Beta	Gross Beta	-9.23E-16	1.827E-014	3.308E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP272838	BALL FIELDS	03/18/24	Gross Alpha/Beta	Gross Alpha	1.349E-015	3.918E-015	8.041E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272838	BALL FIELDS	03/18/24	Gross Alpha/Beta	Gross Beta	1.977E-014	1.442E-014	2.206E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272839	BALL FIELDS	03/18/24	Gross Alpha/Beta	Gross Alpha	1.349E-015	3.918E-015	8.041E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272839	BALL FIELDS	03/18/24	Gross Alpha/Beta	Gross Beta	8.524E-015	1.321E-014	2.206E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272840	BALL FIELDS	03/18/24	Gross Alpha/Beta	Gross Alpha	-8.84E-16	2.316E-015	8.041E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272840	BALL FIELDS	03/18/24	Gross Alpha/Beta	Gross Beta	9.930E-015	1.336E-014	2.206E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272842	BALL FIELDS	03/19/24	Gross Alpha/Beta	Gross Alpha	-4.87E-15	1.530E-015	1.957E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272842	BALL FIELDS	03/19/24	Gross Alpha/Beta	Gross Beta	3.786E-014	3.400E-014	5.368E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272843	BALL FIELDS	03/19/24	Gross Alpha/Beta	Gross Alpha	1.144E-014	1.343E-014	1.957E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272843	BALL FIELDS	03/19/24	Gross Alpha/Beta	Gross Beta	5.347E-015	3.043E-014	5.368E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272844	BALL FIELDS	03/19/24	Gross Alpha/Beta	Gross Alpha	1.692E-014	1.733E-014	2.339E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272844	BALL FIELDS	03/19/24	Gross Alpha/Beta	Gross Beta	1.866E-014	3.775E-014	6.416E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272850	BALL FIELDS	03/20/24	Gross Alpha/Beta	Gross Alpha	1.349E-015	3.918E-015	8.041E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272850	BALL FIELDS	03/20/24	Gross Alpha/Beta	Gross Beta	1.696E-014	1.412E-014	2.206E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272851	BALL FIELDS	03/20/24	Gross Alpha/Beta	Gross Alpha	2.466E-015	4.513E-015	8.041E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272851	BALL FIELDS	03/20/24	Gross Alpha/Beta	Gross Beta	1.977E-014	1.442E-014	2.206E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272852	BALL FIELDS	03/20/24	Gross Alpha/Beta	Gross Alpha	-8.32E-16	2.180E-015	7.568E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272852	BALL FIELDS	03/20/24	Gross Alpha/Beta	Gross Beta	1.199E-014	1.287E-014	2.076E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272854	BALL FIELDS	03/21/24	Gross Alpha/Beta	Gross Alpha	5.650E-015	6.980E-015	1.026E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272854	BALL FIELDS	03/21/24	Gross Alpha/Beta	Gross Beta	1.880E-014	1.501E-014	2.276E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272855	BALL FIELDS	03/21/24	Gross Alpha/Beta	Gross Alpha	5.650E-015	6.980E-015	1.026E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272855	BALL FIELDS	03/21/24	Gross Alpha/Beta	Gross Beta	1.782E-014	1.487E-014	2.276E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272856	BALL FIELDS	03/21/24	Gross Alpha/Beta	Gross Alpha	4.109E-015	6.256E-015	1.026E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272856	BALL FIELDS	03/21/24	Gross Alpha/Beta	Gross Beta	1.684E-014	1.474E-014	2.276E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272858	BALL FIELDS	03/25/24	Gross Alpha/Beta	Gross Alpha	7.190E-015	7.637E-015	1.026E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272858	BALL FIELDS	03/25/24	Gross Alpha/Beta	Gross Beta	8.011E-015	1.346E-014	2.276E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272859	BALL FIELDS	03/25/24	Gross Alpha/Beta	Gross Alpha	5.650E-015	6.980E-015	1.026E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272859	BALL FIELDS	03/25/24	Gross Alpha/Beta	Gross Beta	1.978E-014	1.514E-014	2.276E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272860	BALL FIELDS	03/25/24	Gross Alpha/Beta	Gross Alpha	4.109E-015	6.256E-015	1.026E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272860	BALL FIELDS	03/25/24	Gross Alpha/Beta	Gross Beta	9.973E-015	1.375E-014	2.276E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274556	BALL FIELDS	03/26/24	Gross Alpha/Beta	Gross Alpha	-1.98E-15	1.003E-015	9.908E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274556	BALL FIELDS	03/26/24	Gross Alpha/Beta	Gross Beta	1.580E-016	1.183E-014	2.198E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274557	BALL FIELDS	03/26/24	Gross Alpha/Beta	Gross Alpha	-4.96E-16	3.137E-015	9.908E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274557	BALL FIELDS	03/26/24	Gross Alpha/Beta	Gross Beta	1.626E-014	1.423E-014	2.198E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274558	BALL FIELDS	03/26/24	Gross Alpha/Beta	Gross Alpha	-4.96E-16	3.137E-015	9.908E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274558	BALL FIELDS	03/26/24	Gross Alpha/Beta	Gross Beta	5.841E-015	1.271E-014	2.198E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274560	BALL FIELDS	03/27/24	Gross Alpha/Beta	Gross Alpha	2.568E-015	5.439E-015	1.026E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274560	BALL FIELDS	03/27/24	Gross Alpha/Beta	Gross Beta	1.095E-014	1.390E-014	2.276E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274561	BALL FIELDS	03/27/24	Gross Alpha/Beta	Gross Alpha	1.181E-014	9.345E-015	1.026E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274561	BALL FIELDS	03/27/24	Gross Alpha/Beta	Gross Beta	1.586E-014	1.460E-014	2.276E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274562	BALL FIELDS	03/27/24	Gross Alpha/Beta	Gross Alpha	2.568E-015	5.439E-015	1.026E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274562	BALL FIELDS	03/27/24	Gross Alpha/Beta	Gross Beta	1.880E-014	1.501E-014	2.276E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274564	BALL FIELDS	03/28/24	Gross Alpha/Beta	Gross Alpha	1.197E-015	5.122E-015	1.112E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274564	BALL FIELDS	03/28/24	Gross Alpha/Beta	Gross Beta	4.158E-014	1.994E-014	2.778E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274565	BALL FIELDS	03/28/24	Gross Alpha/Beta	Gross Alpha	6.940E-015	7.713E-015	1.112E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274565	BALL FIELDS	03/28/24	Gross Alpha/Beta	Gross Beta	4.519E-014	2.031E-014	2.778E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274566	BALL FIELDS	03/28/24	Gross Alpha/Beta	Gross Alpha	4.068E-015	6.544E-015	1.112E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274566	BALL FIELDS	03/28/24	Gross Alpha/Beta	Gross Beta	3.254E-014	1.900E-014	2.778E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274568	BALL FIELDS	04/01/24	Gross Alpha/Beta	Gross Alpha	5.504E-015	7.151E-015	1.112E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274568	BALL FIELDS	04/01/24	Gross Alpha/Beta	Gross Beta	4.610E-014	2.040E-014	2.778E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274569	BALL FIELDS	04/01/24	Gross Alpha/Beta	Gross Alpha	6.940E-015	7.713E-015	1.112E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274569	BALL FIELDS	04/01/24	Gross Alpha/Beta	Gross Beta	2.892E-014	1.862E-014	2.778E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274570	BALL FIELDS	04/01/24	Gross Alpha/Beta	Gross Alpha	9.812E-015	8.733E-015	1.112E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274570	BALL FIELDS	04/01/24	Gross Alpha/Beta	Gross Beta	4.068E-014	1.984E-014	2.778E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274575	BALL FIELDS	04/15/24	Gross Alpha/Beta	Gross Alpha	-2.34E-15	3.044E-015	1.175E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274575	BALL FIELDS	04/15/24	Gross Alpha/Beta	Gross Beta	2.865E-014	1.902E-014	2.849E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274576	BALL FIELDS	04/15/24	Gross Alpha/Beta	Gross Alpha	1.064E-014	9.208E-015	1.175E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274576	BALL FIELDS	04/15/24	Gross Alpha/Beta	Gross Beta	5.702E-014	2.198E-014	2.849E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274577	BALL FIELDS	04/15/24	Gross Alpha/Beta	Gross Alpha	4.868E-015	7.140E-015	1.175E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274577	BALL FIELDS	04/15/24	Gross Alpha/Beta	Gross Beta	1.068E-014	1.702E-014	2.849E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274578	BALL FIELDS	04/16/24	Gross Alpha/Beta	Gross Alpha	1.073E-014	1.019E-014	1.371E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274578	BALL FIELDS	04/16/24	Gross Alpha/Beta	Gross Beta	1.246E-014	1.985E-014	3.324E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274579	BALL FIELDS	04/16/24	Gross Alpha/Beta	Gross Alpha	5.049E-015	7.405E-015	1.219E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274579	BALL FIELDS	04/16/24	Gross Alpha/Beta	Gross Beta	2.873E-014	1.962E-014	2.955E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274580	BALL FIELDS	04/16/24	Gross Alpha/Beta	Gross Alpha	2.057E-015	6.067E-015	1.219E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274580	BALL FIELDS	04/16/24	Gross Alpha/Beta	Gross Beta	4.834E-014	2.169E-014	2.955E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274580	BALL FIELDS	04/16/24	Gross Alpha/Beta	Gross Alpha	2.057E-015	6.067E-015	1.219E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274580	BALL FIELDS	04/16/24	Gross Alpha/Beta	Gross Beta	4.834E-014	2.169E-014	2.955E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274581	BALL FIELDS	04/17/24	Gross Alpha/Beta	Gross Alpha	3.837E-015	7.310E-015	1.316E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274581	BALL FIELDS	04/17/24	Gross Alpha/Beta	Gross Beta	3.208E-014	2.130E-014	3.191E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274582	BALL FIELDS	04/17/24	Gross Alpha/Beta	Gross Alpha	1.165E-015	1.096E-014	2.531E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274582	BALL FIELDS	04/17/24	Gross Alpha/Beta	Gross Beta	4.948E-014	3.963E-014	6.137E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274583	BALL FIELDS	04/17/24	Gross Alpha/Beta	Gross Alpha	2.907E-015	5.538E-015	9.971E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274583	BALL FIELDS	04/17/24	Gross Alpha/Beta	Gross Beta	2.110E-014	1.579E-014	2.418E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274584	BALL FIELDS	04/18/24	Gross Alpha/Beta	Gross Alpha	3.910E-016	3.857E-015	9.508E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274584	BALL FIELDS	04/18/24	Gross Alpha/Beta	Gross Beta	5.659E-015	1.499E-014	2.586E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274585	BALL FIELDS	04/18/24	Gross Alpha/Beta	Gross Alpha	3.910E-016	3.857E-015	9.508E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274585	BALL FIELDS	04/18/24	Gross Alpha/Beta	Gross Beta	3.519E-014	1.820E-014	2.586E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274586	BALL FIELDS	04/18/24	Gross Alpha/Beta	Gross Alpha	3.071E-015	5.413E-015	9.508E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274586	BALL FIELDS	04/18/24	Gross Alpha/Beta	Gross Beta	1.072E-014	1.557E-014	2.586E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274587	BALL FIELDS	04/22/24	Gross Alpha/Beta	Gross Alpha	3.839E-015	6.766E-015	1.189E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274587	BALL FIELDS	04/22/24	Gross Alpha/Beta	Gross Beta	1.340E-014	1.946E-014	3.233E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274588	BALL FIELDS	04/22/24	Gross Alpha/Beta	Gross Alpha	3.291E-015	5.800E-015	1.019E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274588	BALL FIELDS	04/22/24	Gross Alpha/Beta	Gross Beta	1.962E-014	1.758E-014	2.771E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274589	BALL FIELDS	04/22/24	Gross Alpha/Beta	Gross Alpha	1.855E-015	5.035E-015	1.019E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274589	BALL FIELDS	04/22/24	Gross Alpha/Beta	Gross Beta	3.499E-014	1.922E-014	2.771E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274590	BALL FIELDS	04/23/24	Gross Alpha/Beta	Gross Alpha	4.607E-015	8.120E-015	1.426E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274590	BALL FIELDS	04/23/24	Gross Alpha/Beta	Gross Beta	4.898E-014	2.691E-014	3.880E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274591	BALL FIELDS	04/23/24	Gross Alpha/Beta	Gross Alpha	-1.42E-15	4.162E-015	1.426E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274591	BALL FIELDS	04/23/24	Gross Alpha/Beta	Gross Beta	4.139E-014	2.611E-014	3.880E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274592	BALL FIELDS	04/23/24	Gross Alpha/Beta	Gross Alpha	1.265E-014	1.146E-014	1.426E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274592	BALL FIELDS	04/23/24	Gross Alpha/Beta	Gross Beta	5.405E-014	2.744E-014	3.880E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274593	BALL FIELDS	04/24/24	Gross Alpha/Beta	Gross Alpha	9.034E-015	8.187E-015	1.019E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274593	BALL FIELDS	04/24/24	Gross Alpha/Beta	Gross Beta	1.872E-014	1.748E-014	2.771E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274594	BALL FIELDS	04/24/24	Gross Alpha/Beta	Gross Alpha	-1.017E-15	2.973E-015	1.019E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274594	BALL FIELDS	04/24/24	Gross Alpha/Beta	Gross Beta	1.330E-014	1.688E-014	2.771E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274595	BALL FIELDS	04/25/24	Gross Alpha/Beta	Gross Alpha	7.598E-015	7.658E-015	1.019E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274595	BALL FIELDS	04/25/24	Gross Alpha/Beta	Gross Beta	1.239E-014	1.678E-014	2.771E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274596	BALL FIELDS	04/25/24	Gross Alpha/Beta	Gross Alpha	-1.017E-15	2.973E-015	1.019E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274596	BALL FIELDS	04/25/24	Gross Alpha/Beta	Gross Beta	1.058E-014	1.658E-014	2.771E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274597	BALL FIELDS	04/25/24	Gross Alpha/Beta	Gross Alpha	-2.45E-15	7.880E-016	1.019E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274597	BALL FIELDS	04/25/24	Gross Alpha/Beta	Gross Beta	2.957E-014	1.865E-014	2.771E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274600	BALL FIELDS	04/30/24	Gross Alpha/Beta	Gross Alpha	2.879E-015	5.075E-015	8.914E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274600	BALL FIELDS	04/30/24	Gross Alpha/Beta	Gross Beta	2.508E-014	1.623E-014	2.425E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274601	BALL FIELDS	04/30/24	Gross Alpha/Beta	Gross Alpha	-8.90E-16	2.602E-015	8.914E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274601	BALL FIELDS	04/30/24	Gross Alpha/Beta	Gross Beta	2.142E-015	1.369E-014	2.425E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274602	BALL FIELDS	04/30/24	Gross Alpha/Beta	Gross Alpha	-8.90E-16	2.602E-015	8.914E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274602	BALL FIELDS	04/30/24	Gross Alpha/Beta	Gross Beta	2.508E-014	1.623E-014	2.425E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274604	BALL FIELDS	05/01/24	Gross Alpha/Beta	Gross Alpha	3.660E-016	3.616E-015	8.914E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274604	BALL FIELDS	05/01/24	Gross Alpha/Beta	Gross Beta	9.260E-015	1.451E-014	2.425E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274604	BALL FIELDS	05/01/24	Gross Alpha/Beta	Gross Alpha	3.660E-016	3.616E-015	8.914E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274604	BALL FIELDS	05/01/24	Gross Alpha/Beta	Gross Beta	9.260E-015	1.451E-014	2.425E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274605	BALL FIELDS	05/01/24	Gross Alpha/Beta	Gross Alpha	7.905E-015	7.164E-015	8.914E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274605	BALL FIELDS	05/01/24	Gross Alpha/Beta	Gross Beta	1.163E-014	1.477E-014	2.425E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274606	BALL FIELDS	05/01/24	Gross Alpha/Beta	Gross Alpha	1.623E-015	4.405E-015	8.914E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274606	BALL FIELDS	05/01/24	Gross Alpha/Beta	Gross Beta	4.564E-014	1.836E-014	2.425E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274609	BALL FIELDS	05/02/24	Gross Alpha/Beta	Gross Alpha	8.008E-015	7.948E-015	1.078E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274609	BALL FIELDS	05/02/24	Gross Alpha/Beta	Gross Beta	1.134E-014	1.705E-014	2.841E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274610	BALL FIELDS	05/02/24	Gross Alpha/Beta	Gross Alpha	3.830E-015	6.293E-015	1.078E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274610	BALL FIELDS	05/02/24	Gross Alpha/Beta	Gross Beta	8.598E-015	1.675E-014	2.841E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274611	BALL FIELDS	05/02/24	Gross Alpha/Beta	Gross Alpha	2.437E-015	5.639E-015	1.078E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274611	BALL FIELDS	05/02/24	Gross Alpha/Beta	Gross Beta	2.138E-014	1.815E-014	2.841E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274616	BALL FIELDS	05/06/24	Gross Alpha/Beta	Gross Alpha	3.967E-015	6.518E-015	1.117E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274616	BALL FIELDS	05/06/24	Gross Alpha/Beta	Gross Beta	1.931E-014	1.849E-014	2.943E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274617	BALL FIELDS	05/06/24	Gross Alpha/Beta	Gross Alpha	3.967E-015	6.518E-015	1.117E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274617	BALL FIELDS	05/06/24	Gross Alpha/Beta	Gross Beta	7.014E-015	1.713E-014	2.943E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274618	BALL FIELDS	05/06/24	Gross Alpha/Beta	Gross Alpha	-4.81E-16	5.566E-015	1.489E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274618	BALL FIELDS	05/06/24	Gross Alpha/Beta	Gross Beta	-7.36E-16	2.169E-014	3.923E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274621	BALL FIELDS	05/07/24	Gross Alpha/Beta	Gross Alpha	2.524E-015	5.840E-015	1.117E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274621	BALL FIELDS	05/07/24	Gross Alpha/Beta	Gross Beta	5.122E-015	1.692E-014	2.943E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274622	BALL FIELDS	05/07/24	Gross Alpha/Beta	Gross Alpha	-3.61E-16	4.175E-015	1.117E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274622	BALL FIELDS	05/07/24	Gross Alpha/Beta	Gross Beta	1.553E-014	1.808E-014	2.943E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274623	BALL FIELDS	05/07/24	Gross Alpha/Beta	Gross Alpha	-5.61E-16	6.494E-015	1.737E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274623	BALL FIELDS	05/07/24	Gross Alpha/Beta	Gross Beta	7.968E-015	2.632E-014	4.577E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274624	BALL FIELDS	05/08/24	Gross Alpha/Beta	Gross Alpha	8.835E-015	2.044E-014	3.909E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274624	BALL FIELDS	05/08/24	Gross Alpha/Beta	Gross Beta	1.131E-014	5.846E-014	1.030E-013	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274627	BALL FIELDS	05/09/24	Gross Alpha/Beta	Gross Alpha	1.471E-014	9.036E-015	8.935E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274627	BALL FIELDS	05/09/24	Gross Alpha/Beta	Gross Beta	2.377E-014	1.568E-014	2.354E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274630	BALL FIELDS	05/10/24	Gross Alpha/Beta	Gross Alpha	2.398E-015	4.979E-015	9.249E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274630	BALL FIELDS	05/10/24	Gross Alpha/Beta	Gross Beta	2.250E-014	1.591E-014	2.420E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274636	BALL FIELDS	05/13/24	Gross Alpha/Beta	Gross Alpha	-7.60E-17	4.197E-015	1.092E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274636	BALL FIELDS	05/13/24	Gross Alpha/Beta	Gross Beta	2.974E-014	1.907E-014	2.847E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274637	BALL FIELDS	05/15/24	Gross Alpha/Beta	Gross Alpha	7.951E-015	9.937E-015	1.509E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274637	BALL FIELDS	05/15/24	Gross Alpha/Beta	Gross Beta	1.085E-014	2.326E-014	3.966E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274723	BALL FIELDS	06/18/24	Gross Alpha/Beta	Gross Alpha	-1.26E-15	3.682E-015	1.076E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274723	BALL FIELDS	06/18/24	Gross Alpha/Beta	Gross Beta	-8.75E-16	1.374E-014	2.506E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274724	BALL FIELDS	06/18/24	Gross Alpha/Beta	Gross Alpha	3.762E-015	6.255E-015	1.078E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274724	BALL FIELDS	06/18/24	Gross Alpha/Beta	Gross Beta	3.973E-014	1.831E-014	2.520E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274725	BALL FIELDS	06/18/24	Gross Alpha/Beta	Gross Alpha	8.824E-015	8.061E-015	1.077E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274725	BALL FIELDS	06/18/24	Gross Alpha/Beta	Gross Beta	1.909E-014	1.623E-014	2.539E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274730	BALL FIELDS	06/19/24	Gross Alpha/Beta	Gross Alpha	-1.70E-17	4.463E-015	1.077E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274730	BALL FIELDS	06/19/24	Gross Alpha/Beta	Gross Beta	2.790E-014	1.701E-014	2.506E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274731	BALL FIELDS	06/19/24	Gross Alpha/Beta	Gross Alpha	2.526E-015	5.719E-015	1.076E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274731	BALL FIELDS	06/19/24	Gross Alpha/Beta	Gross Beta	-2.29E-15	1.366E-014	2.515E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274732	BALL FIELDS	06/19/24	Gross Alpha/Beta	Gross Alpha	2.513E-015	5.719E-015	1.077E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274732	BALL FIELDS	06/19/24	Gross Alpha/Beta	Gross Beta	1.840E-014	1.603E-014	2.515E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274737	BALL FIELDS	06/20/24	Gross Alpha/Beta	Gross Alpha	6.290E-015	7.212E-015	1.078E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274737	BALL FIELDS	06/20/24	Gross Alpha/Beta	Gross Beta	3.437E-014	1.781E-014	2.529E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274738	BALL FIELDS	06/20/24	Gross Alpha/Beta	Gross Alpha	-3.40E-17	4.463E-015	1.079E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274738	BALL FIELDS	06/20/24	Gross Alpha/Beta	Gross Beta	5.520E-014	1.982E-014	2.506E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274739	BALL FIELDS	06/20/24	Gross Alpha/Beta	Gross Alpha	-1.28E-15	3.682E-015	1.077E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274739	BALL FIELDS	06/20/24	Gross Alpha/Beta	Gross Beta	3.057E-014	1.727E-014	2.506E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274744	BALL FIELDS	06/21/24	Gross Alpha/Beta	Gross Alpha	-1.24E-15	2.466E-015	8.886E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274744	BALL FIELDS	06/21/24	Gross Alpha/Beta	Gross Beta	2.121E-014	1.520E-014	2.320E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274745	BALL FIELDS	06/21/24	Gross Alpha/Beta	Gross Alpha	-6.80E-17	3.415E-015	8.894E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274745	BALL FIELDS	06/21/24	Gross Alpha/Beta	Gross Beta	3.444E-014	1.659E-014	2.320E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274746	BALL FIELDS	06/21/24	Gross Alpha/Beta	Gross Alpha	5.846E-015	6.311E-015	8.892E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274746	BALL FIELDS	06/21/24	Gross Alpha/Beta	Gross Beta	3.208E-014	1.645E-014	2.341E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274751	BALL FIELDS	06/24/24	Gross Alpha/Beta	Gross Alpha	-6.50E-17	3.629E-015	9.442E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274751	BALL FIELDS	06/24/24	Gross Alpha/Beta	Gross Beta	2.393E-014	1.632E-014	2.465E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274752	BALL FIELDS	06/24/24	Gross Alpha/Beta	Gross Alpha	2.444E-015	5.082E-015	9.447E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274752	BALL FIELDS	06/24/24	Gross Alpha/Beta	Gross Beta	3.147E-014	1.715E-014	2.474E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274753	BALL FIELDS	06/24/24	Gross Alpha/Beta	Gross Alpha	-6.50E-17	3.629E-015	9.442E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274753	BALL FIELDS	06/24/24	Gross Alpha/Beta	Gross Beta	2.314E-014	1.624E-014	2.465E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274756	BALL FIELDS	06/25/24	Gross Alpha/Beta	Gross Alpha	6.208E-015	6.705E-015	9.452E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274756	BALL FIELDS	06/25/24	Gross Alpha/Beta	Gross Beta	4.041E-014	1.812E-014	2.487E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274757	BALL FIELDS	06/25/24	Gross Alpha/Beta	Gross Alpha	7.470E-015	7.168E-015	9.446E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274757	BALL FIELDS	06/25/24	Gross Alpha/Beta	Gross Beta	3.073E-014	1.716E-014	2.491E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274758	BALL FIELDS	06/25/24	Gross Alpha/Beta	Gross Alpha	-1.32E-15	2.620E-015	9.439E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274758	BALL FIELDS	06/25/24	Gross Alpha/Beta	Gross Beta	1.858E-014	1.573E-014	2.465E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274766	BALL FIELDS	06/27/24	Gross Alpha/Beta	Gross Alpha	1.202E-015	4.415E-015	9.431E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274766	BALL FIELDS	06/27/24	Gross Alpha/Beta	Gross Beta	4.766E-015	1.426E-014	2.470E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274767	BALL FIELDS	06/27/24	Gross Alpha/Beta	Gross Alpha	2.444E-015	5.082E-015	9.446E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274767	BALL FIELDS	06/27/24	Gross Alpha/Beta	Gross Beta	3.068E-014	1.707E-014	2.474E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274768	BALL FIELDS	06/27/24	Gross Alpha/Beta	Gross Alpha	2.445E-015	5.082E-015	9.445E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274768	BALL FIELDS	06/27/24	Gross Alpha/Beta	Gross Beta	2.910E-014	1.690E-014	2.474E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274769	BALL FIELDS	06/28/24	Gross Alpha/Beta	Gross Alpha	4.580E-015	6.354E-015	1.029E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274769	BALL FIELDS	06/28/24	Gross Alpha/Beta	Gross Beta	3.804E-014	1.732E-014	2.375E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274770	BALL FIELDS	06/28/24	Gross Alpha/Beta	Gross Alpha	4.588E-015	6.354E-015	1.028E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274770	BALL FIELDS	06/28/24	Gross Alpha/Beta	Gross Beta	2.480E-014	1.594E-014	2.375E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274771	BALL FIELDS	06/28/24	Gross Alpha/Beta	Gross Alpha	-1.35E-15	3.470E-015	1.028E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274771	BALL FIELDS	06/28/24	Gross Alpha/Beta	Gross Beta	1.637E-014	1.491E-014	2.358E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274780	BALL FIELDS	07/01/24	Gross Alpha/Beta	Gross Alpha	-2.68E-15	2.692E-015	1.091E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274780	BALL FIELDS	07/01/24	Gross Alpha/Beta	Gross Beta	-1.45E-15	1.364E-014	2.505E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274781	BALL FIELDS	07/01/24	Gross Alpha/Beta	Gross Alpha	2.361E-015	5.721E-015	1.091E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274781	BALL FIELDS	07/01/24	Gross Alpha/Beta	Gross Beta	9.359E-015	1.501E-014	2.514E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274782	BALL FIELDS	07/01/24	Gross Alpha/Beta	Gross Alpha	-1.43E-15	3.686E-015	1.092E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274782	BALL FIELDS	07/01/24	Gross Alpha/Beta	Gross Beta	1.491E-014	1.556E-014	2.505E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274787	BALL FIELDS	07/02/24	Gross Alpha/Beta	Gross Alpha	2.362E-015	5.721E-015	1.091E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274787	BALL FIELDS	07/02/24	Gross Alpha/Beta	Gross Beta	6.877E-015	1.473E-014	2.514E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274788	BALL FIELDS	07/02/24	Gross Alpha/Beta	Gross Alpha	-1.42E-15	3.686E-015	1.091E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274788	BALL FIELDS	07/02/24	Gross Alpha/Beta	Gross Beta	-1.64E-15	1.364E-014	2.505E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274793	BALL FIELDS	07/08/24	Gross Alpha/Beta	Gross Alpha	3.632E-015	6.257E-015	1.091E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274793	BALL FIELDS	07/08/24	Gross Alpha/Beta	Gross Beta	-4.90E-15	1.336E-014	2.519E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274794	BALL FIELDS	07/08/24	Gross Alpha/Beta	Gross Alpha	-1.44E-15	3.686E-015	1.092E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274794	BALL FIELDS	07/08/24	Gross Alpha/Beta	Gross Beta	2.980E-014	1.718E-014	2.505E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274795	BALL FIELDS	07/08/24	Gross Alpha/Beta	Gross Alpha	6.128E-015	7.214E-015	1.093E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274795	BALL FIELDS	07/08/24	Gross Alpha/Beta	Gross Beta	4.188E-014	1.857E-014	2.528E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274797	BALL FIELDS	07/10/24	Gross Alpha/Beta	Gross Alpha	2.365E-015	5.721E-015	1.091E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274797	BALL FIELDS	07/10/24	Gross Alpha/Beta	Gross Beta	2.739E-015	1.425E-014	2.514E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274798	BALL FIELDS	07/10/24	Gross Alpha/Beta	Gross Alpha	4.864E-015	6.751E-015	1.093E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274798	BALL FIELDS	07/10/24	Gross Alpha/Beta	Gross Beta	4.456E-014	1.882E-014	2.523E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP274799	BALL FIELDS	07/10/24	Gross Alpha/Beta	Gross Alpha	2.340E-015	5.721E-015	1.093E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP274799	BALL FIELDS	07/10/24	Gross Alpha/Beta	Gross Beta	4.412E-014	1.874E-014	2.514E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276732	BALL FIELDS	07/11/24	Gross Alpha/Beta	Gross Alpha	4.869E-015	6.751E-015	1.093E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276732	BALL FIELDS	07/11/24	Gross Alpha/Beta	Gross Beta	3.628E-014	1.798E-014	2.523E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276733	BALL FIELDS	07/11/24	Gross Alpha/Beta	Gross Alpha	2.354E-015	5.721E-015	1.092E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276733	BALL FIELDS	07/11/24	Gross Alpha/Beta	Gross Beta	2.012E-014	1.621E-014	2.514E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276734	BALL FIELDS	07/11/24	Gross Alpha/Beta	Gross Alpha	4.875E-015	6.751E-015	1.092E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276734	BALL FIELDS	07/11/24	Gross Alpha/Beta	Gross Beta	2.635E-014	1.693E-014	2.523E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276738	BALL FIELDS	07/12/24	Gross Alpha/Beta	Gross Alpha	5.756E-015	6.789E-015	1.030E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276738	BALL FIELDS	07/12/24	Gross Alpha/Beta	Gross Beta	5.811E-014	1.935E-014	2.379E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276739	BALL FIELDS	07/12/24	Gross Alpha/Beta	Gross Alpha	6.958E-015	7.199E-015	1.029E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276739	BALL FIELDS	07/12/24	Gross Alpha/Beta	Gross Beta	3.534E-014	1.708E-014	2.384E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276740	BALL FIELDS	07/12/24	Gross Alpha/Beta	Gross Alpha	4.588E-015	6.354E-015	1.028E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276740	BALL FIELDS	07/12/24	Gross Alpha/Beta	Gross Beta	2.558E-014	1.602E-014	2.375E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276741	BALL FIELDS	07/15/24	Gross Alpha/Beta	Gross Alpha	3.400E-015	5.889E-015	1.028E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276741	BALL FIELDS	07/15/24	Gross Alpha/Beta	Gross Beta	2.498E-014	1.593E-014	2.371E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276742	BALL FIELDS	07/15/24	Gross Alpha/Beta	Gross Alpha	2.224E-015	5.385E-015	1.027E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276742	BALL FIELDS	07/15/24	Gross Alpha/Beta	Gross Beta	4.915E-015	1.368E-014	2.366E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276743	BALL FIELDS	07/15/24	Gross Alpha/Beta	Gross Alpha	3.390E-015	5.889E-015	1.029E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276743	BALL FIELDS	07/15/24	Gross Alpha/Beta	Gross Beta	4.134E-014	1.764E-014	2.371E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276750	BALL FIELDS	07/17/24	Gross Alpha/Beta	Gross Alpha	4.866E-015	6.751E-015	1.093E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276750	BALL FIELDS	07/17/24	Gross Alpha/Beta	Gross Beta	4.124E-014	1.849E-014	2.523E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276751	BALL FIELDS	07/17/24	Gross Alpha/Beta	Gross Alpha	-1.68E-16	4.467E-015	1.092E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276751	BALL FIELDS	07/17/24	Gross Alpha/Beta	Gross Beta	1.720E-014	1.584E-014	2.505E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276752	BALL FIELDS	07/17/24	Gross Alpha/Beta	Gross Alpha	2.343E-015	5.721E-015	1.093E-014	µCi/mL	UJ	T06	North County (General Area)-Perimeter Air
SVP276752	BALL FIELDS	07/17/24	Gross Alpha/Beta	Gross Beta	3.915E-014	1.823E-014	2.514E-014	µCi/mL	=		North County (General Area)-Perimeter Air
SVP276758	BALL FIELDS	07/18/24	Gross Alpha/Beta	Gross Alpha	-1.62E-16	4.467E-015	1.091E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276758	BALL FIELDS	07/18/24	Gross Alpha/Beta	Gross Beta	6.438E-015	1.462E-014	2.505E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276759	BALL FIELDS	07/18/24	Gross Alpha/Beta	Gross Alpha	4.876E-015	6.751E-015	1.092E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276759	BALL FIELDS	07/18/24	Gross Alpha/Beta	Gross Beta	2.469E-014	1.675E-014	2.523E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276760	BALL FIELDS	07/18/24	Gross Alpha/Beta	Gross Alpha	1.091E-015	5.131E-015	1.092E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276760	BALL FIELDS	07/18/24	Gross Alpha/Beta	Gross Beta	2.197E-014	1.639E-014	2.509E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276761	BALL FIELDS	07/19/24	Gross Alpha/Beta	Gross Alpha	5.030E-016	4.755E-015	1.099E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276761	BALL FIELDS	07/19/24	Gross Alpha/Beta	Gross Beta	2.260E-014	1.403E-014	2.005E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276762	BALL FIELDS	07/19/24	Gross Alpha/Beta	Gross Alpha	-3.54E-15	9.310E-016	1.098E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276762	BALL FIELDS	07/19/24	Gross Alpha/Beta	Gross Beta	7.771E-015	1.186E-014	2.003E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276763	BALL FIELDS	07/19/24	Gross Alpha/Beta	Gross Alpha	1.853E-015	5.468E-015	1.098E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276763	BALL FIELDS	07/19/24	Gross Alpha/Beta	Gross Beta	6.079E-015	1.175E-014	2.012E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276772	BALL FIELDS	07/20/24	Gross Alpha/Beta	Gross Alpha	3.200E-015	6.100E-015	1.099E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276772	BALL FIELDS	07/20/24	Gross Alpha/Beta	Gross Beta	2.046E-014	1.381E-014	2.019E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276773	BALL FIELDS	07/20/24	Gross Alpha/Beta	Gross Alpha	4.549E-015	6.674E-015	1.098E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276773	BALL FIELDS	07/20/24	Gross Alpha/Beta	Gross Beta	8.238E-015	1.215E-014	2.026E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276774	BALL FIELDS	07/20/24	Gross Alpha/Beta	Gross Alpha	5.030E-016	4.755E-015	1.099E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276774	BALL FIELDS	07/20/24	Gross Alpha/Beta	Gross Beta	2.002E-014	1.368E-014	2.005E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276779	BALL FIELDS	07/22/24	Gross Alpha/Beta	Gross Alpha	-3.78E-15	9.930E-016	1.172E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276779	BALL FIELDS	07/22/24	Gross Alpha/Beta	Gross Beta	2.660E-014	1.519E-014	2.136E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276780	BALL FIELDS	07/22/24	Gross Alpha/Beta	Gross Alpha	-9.02E-16	4.178E-015	1.172E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276780	BALL FIELDS	07/22/24	Gross Alpha/Beta	Gross Beta	2.890E-014	1.555E-014	2.136E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276781	BALL FIELDS	07/22/24	Gross Alpha/Beta	Gross Alpha	-9.03E-16	4.178E-015	1.172E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276781	BALL FIELDS	07/22/24	Gross Alpha/Beta	Gross Beta	3.897E-014	1.681E-014	2.136E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276783	BALL FIELDS	07/23/24	Gross Alpha/Beta	Gross Alpha	-9.03E-16	4.178E-015	1.172E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276783	BALL FIELDS	07/23/24	Gross Alpha/Beta	Gross Beta	4.355E-014	1.737E-014	2.136E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276784	BALL FIELDS	07/23/24	Gross Alpha/Beta	Gross Alpha	-9.01E-16	4.178E-015	1.172E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276784	BALL FIELDS	07/23/24	Gross Alpha/Beta	Gross Beta	1.792E-014	1.409E-014	2.136E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276785	BALL FIELDS	07/23/24	Gross Alpha/Beta	Gross Alpha	4.851E-015	7.119E-015	1.172E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276785	BALL FIELDS	07/23/24	Gross Alpha/Beta	Gross Beta	2.527E-014	1.521E-014	2.161E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276790	BALL FIELDS	07/24/24	Gross Alpha/Beta	Gross Alpha	5.040E-016	4.755E-015	1.099E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276790	BALL FIELDS	07/24/24	Gross Alpha/Beta	Gross Beta	1.830E-014	1.345E-014	2.005E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276791	BALL FIELDS	07/24/24	Gross Alpha/Beta	Gross Alpha	4.547E-015	6.674E-015	1.099E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276791	BALL FIELDS	07/24/24	Gross Alpha/Beta	Gross Beta	2.970E-014	1.503E-014	2.026E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276792	BALL FIELDS	07/24/24	Gross Alpha/Beta	Gross Alpha	4.547E-015	6.674E-015	1.099E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276792	BALL FIELDS	07/24/24	Gross Alpha/Beta	Gross Beta	3.485E-014	1.567E-014	2.026E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276830	BALL FIELDS	08/02/24	Gross Alpha/Beta	Gross Alpha	3.050E-015	5.893E-015	1.060E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276830	BALL FIELDS	08/02/24	Gross Alpha/Beta	Gross Beta	3.071E-014	1.636E-014	2.333E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276862	BALL FIELDS	08/08/24	Gross Alpha/Beta	Gross Alpha	5.455E-015	6.745E-015	1.035E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276862	BALL FIELDS	08/08/24	Gross Alpha/Beta	Gross Beta	2.443E-014	1.675E-014	2.529E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276863	BALL FIELDS	08/08/24	Gross Alpha/Beta	Gross Alpha	1.663E-015	5.120E-015	1.036E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276863	BALL FIELDS	08/08/24	Gross Alpha/Beta	Gross Beta	3.246E-014	1.754E-014	2.515E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276864	BALL FIELDS	08/08/24	Gross Alpha/Beta	Gross Alpha	4.197E-015	6.249E-015	1.035E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276864	BALL FIELDS	08/08/24	Gross Alpha/Beta	Gross Beta	1.635E-014	1.585E-014	2.524E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276869	BALL FIELDS	08/09/24	Gross Alpha/Beta	Gross Alpha	5.461E-015	6.745E-015	1.035E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276869	BALL FIELDS	08/09/24	Gross Alpha/Beta	Gross Beta	1.450E-014	1.567E-014	2.529E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276869	BALL FIELDS	08/09/24	Gross Alpha/Beta	Gross Alpha	5.461E-015	6.745E-015	1.035E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276869	BALL FIELDS	08/09/24	Gross Alpha/Beta	Gross Beta	1.450E-014	1.567E-014	2.529E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276870	BALL FIELDS	08/09/24	Gross Alpha/Beta	Gross Alpha	6.717E-015	7.208E-015	1.035E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276870	BALL FIELDS	08/09/24	Gross Alpha/Beta	Gross Beta	2.341E-014	1.667E-014	2.533E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276871	BALL FIELDS	08/09/24	Gross Alpha/Beta	Gross Alpha	4.198E-015	6.249E-015	1.035E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276871	BALL FIELDS	08/09/24	Gross Alpha/Beta	Gross Beta	1.552E-014	1.576E-014	2.524E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276876	BALL FIELDS	08/12/24	Gross Alpha/Beta	Gross Alpha	4.020E-016	4.453E-015	1.036E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276876	BALL FIELDS	08/12/24	Gross Alpha/Beta	Gross Beta	3.100E-014	1.736E-014	2.510E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276877	BALL FIELDS	08/12/24	Gross Alpha/Beta	Gross Alpha	2.908E-015	5.712E-015	1.037E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276877	BALL FIELDS	08/12/24	Gross Alpha/Beta	Gross Beta	6.123E-014	2.047E-014	2.519E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276878	BALL FIELDS	08/12/24	Gross Alpha/Beta	Gross Alpha	9.238E-015	8.058E-015	1.035E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276878	BALL FIELDS	08/12/24	Gross Alpha/Beta	Gross Beta	2.882E-014	1.729E-014	2.543E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276882	BALL FIELDS	08/13/24	Gross Alpha/Beta	Gross Alpha	1.553E-014	9.884E-015	1.037E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276882	BALL FIELDS	08/13/24	Gross Alpha/Beta	Gross Beta	5.433E-014	1.999E-014	2.566E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276883	BALL FIELDS	08/13/24	Gross Alpha/Beta	Gross Alpha	1.427E-014	9.545E-015	1.037E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276883	BALL FIELDS	08/13/24	Gross Alpha/Beta	Gross Beta	5.866E-014	2.039E-014	2.561E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276884	BALL FIELDS	08/13/24	Gross Alpha/Beta	Gross Alpha	1.175E-014	8.831E-015	1.037E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276884	BALL FIELDS	08/13/24	Gross Alpha/Beta	Gross Beta	5.574E-014	2.007E-014	2.552E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276890	BALL FIELDS	08/14/24	Gross Alpha/Beta	Gross Alpha	3.920E-016	4.453E-015	1.037E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276890	BALL FIELDS	08/14/24	Gross Alpha/Beta	Gross Beta	4.755E-014	1.907E-014	2.510E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276891	BALL FIELDS	08/14/24	Gross Alpha/Beta	Gross Alpha	6.709E-015	7.208E-015	1.036E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276891	BALL FIELDS	08/14/24	Gross Alpha/Beta	Gross Beta	3.665E-014	1.806E-014	2.533E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276892	BALL FIELDS	08/14/24	Gross Alpha/Beta	Gross Alpha	6.709E-015	7.208E-015	1.036E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276892	BALL FIELDS	08/14/24	Gross Alpha/Beta	Gross Beta	3.748E-014	1.815E-014	2.533E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276897	BALL FIELDS	08/15/24	Gross Alpha/Beta	Gross Alpha	7.410E-015	7.190E-015	9.200E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276897	BALL FIELDS	08/15/24	Gross Alpha/Beta	Gross Beta	1.740E-014	1.300E-014	1.940E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276898	BALL FIELDS	08/15/24	Gross Alpha/Beta	Gross Alpha	6.063E-015	6.655E-015	9.198E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276898	BALL FIELDS	08/15/24	Gross Alpha/Beta	Gross Beta	3.990E-014	1.591E-014	1.933E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276899	BALL FIELDS	08/15/24	Gross Alpha/Beta	Gross Alpha	2.018E-015	4.721E-015	9.198E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276899	BALL FIELDS	08/15/24	Gross Alpha/Beta	Gross Beta	3.967E-014	1.579E-014	1.911E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276900	BALL FIELDS	08/16/24	Gross Alpha/Beta	Gross Alpha	-6.74E-16	2.780E-015	9.193E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276900	BALL FIELDS	08/16/24	Gross Alpha/Beta	Gross Beta	-2.53E-16	1.008E-014	1.901E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276901	BALL FIELDS	08/16/24	Gross Alpha/Beta	Gross Alpha	6.700E-016	3.873E-015	9.198E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276901	BALL FIELDS	08/16/24	Gross Alpha/Beta	Gross Beta	3.730E-014	1.547E-014	1.904E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276909	BALL FIELDS	08/19/24	Gross Alpha/Beta	Gross Alpha	8.678E-015	7.604E-015	9.502E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276909	BALL FIELDS	08/19/24	Gross Alpha/Beta	Gross Beta	2.209E-014	1.634E-014	2.506E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276910	BALL FIELDS	08/19/24	Gross Alpha/Beta	Gross Alpha	1.620E-014	9.838E-015	9.516E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276910	BALL FIELDS	08/19/24	Gross Alpha/Beta	Gross Beta	4.549E-014	1.882E-014	2.532E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276911	BALL FIELDS	08/19/24	Gross Alpha/Beta	Gross Alpha	6.170E-015	6.706E-015	9.497E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276911	BALL FIELDS	08/19/24	Gross Alpha/Beta	Gross Beta	1.376E-014	1.541E-014	2.498E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276915	BALL FIELDS	08/20/24	Gross Alpha/Beta	Gross Alpha	-1.11E-16	3.630E-015	9.496E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276915	BALL FIELDS	08/20/24	Gross Alpha/Beta	Gross Beta	1.152E-014	1.504E-014	2.476E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276916	BALL FIELDS	08/20/24	Gross Alpha/Beta	Gross Alpha	9.936E-015	8.017E-015	9.501E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276916	BALL FIELDS	08/20/24	Gross Alpha/Beta	Gross Beta	1.953E-014	1.609E-014	2.510E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276917	BALL FIELDS	08/20/24	Gross Alpha/Beta	Gross Alpha	1.136E-015	4.416E-015	9.506E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276917	BALL FIELDS	08/20/24	Gross Alpha/Beta	Gross Beta	2.952E-014	1.698E-014	2.480E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276923	BALL FIELDS	08/21/24	Gross Alpha/Beta	Gross Alpha	7.421E-015	7.168E-015	9.504E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276923	BALL FIELDS	08/21/24	Gross Alpha/Beta	Gross Beta	2.464E-014	1.658E-014	2.502E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276924	BALL FIELDS	08/21/24	Gross Alpha/Beta	Gross Alpha	7.425E-015	7.168E-015	9.499E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276924	BALL FIELDS	08/21/24	Gross Alpha/Beta	Gross Beta	1.673E-014	1.575E-014	2.502E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276925	BALL FIELDS	08/21/24	Gross Alpha/Beta	Gross Alpha	6.162E-015	6.706E-015	9.506E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276925	BALL FIELDS	08/21/24	Gross Alpha/Beta	Gross Beta	2.799E-014	1.691E-014	2.498E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276931	BALL FIELDS	08/22/24	Gross Alpha/Beta	Gross Alpha	1.013E-014	8.187E-015	9.717E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276931	BALL FIELDS	08/22/24	Gross Alpha/Beta	Gross Beta	4.418E-014	1.890E-014	2.564E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276932	BALL FIELDS	08/22/24	Gross Alpha/Beta	Gross Alpha	7.581E-015	7.321E-015	9.703E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276932	BALL FIELDS	08/22/24	Gross Alpha/Beta	Gross Beta	2.113E-014	1.651E-014	2.555E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276933	BALL FIELDS	08/22/24	Gross Alpha/Beta	Gross Alpha	6.294E-015	6.849E-015	9.707E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276933	BALL FIELDS	08/22/24	Gross Alpha/Beta	Gross Beta	2.778E-014	1.718E-014	2.551E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276935	BALL FIELDS	08/23/24	Gross Alpha/Beta	Gross Alpha	3.444E-015	6.068E-015	1.065E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276935	BALL FIELDS	08/23/24	Gross Alpha/Beta	Gross Beta	3.862E-014	1.776E-014	2.442E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276936	BALL FIELDS	08/23/24	Gross Alpha/Beta	Gross Alpha	2.220E-015	5.549E-015	1.065E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276936	BALL FIELDS	08/23/24	Gross Alpha/Beta	Gross Beta	3.881E-014	1.776E-014	2.437E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276937	BALL FIELDS	08/23/24	Gross Alpha/Beta	Gross Alpha	8.350E-015	7.818E-015	1.064E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276937	BALL FIELDS	08/23/24	Gross Alpha/Beta	Gross Beta	2.262E-014	1.617E-014	2.460E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276944	BALL FIELDS	08/26/24	Gross Alpha/Beta	Gross Alpha	2.289E-015	5.722E-015	1.098E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276944	BALL FIELDS	08/26/24	Gross Alpha/Beta	Gross Beta	4.168E-014	1.848E-014	2.513E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276945	BALL FIELDS	08/26/24	Gross Alpha/Beta	Gross Alpha	-2.13E-16	4.468E-015	1.096E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276945	BALL FIELDS	08/26/24	Gross Alpha/Beta	Gross Beta	4.825E-015	1.443E-014	2.505E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276946	BALL FIELDS	08/26/24	Gross Alpha/Beta	Gross Alpha	3.550E-015	6.257E-015	1.098E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276946	BALL FIELDS	08/26/24	Gross Alpha/Beta	Gross Beta	4.231E-014	1.857E-014	2.518E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276947	BALL FIELDS	08/27/24	Gross Alpha/Beta	Gross Alpha	-1.50E-15	3.688E-015	1.099E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276947	BALL FIELDS	08/27/24	Gross Alpha/Beta	Gross Beta	4.971E-014	1.924E-014	2.505E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276948	BALL FIELDS	08/27/24	Gross Alpha/Beta	Gross Alpha	2.290E-015	5.722E-015	1.098E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276948	BALL FIELDS	08/27/24	Gross Alpha/Beta	Gross Beta	3.919E-014	1.823E-014	2.513E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276949	BALL FIELDS	08/27/24	Gross Alpha/Beta	Gross Alpha	8.609E-015	8.062E-015	1.097E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276949	BALL FIELDS	08/27/24	Gross Alpha/Beta	Gross Beta	2.664E-014	1.703E-014	2.537E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276954	BALL FIELDS	08/28/24	Gross Alpha/Beta	Gross Alpha	-1.49E-15	3.688E-015	1.098E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276954	BALL FIELDS	08/28/24	Gross Alpha/Beta	Gross Beta	3.150E-014	1.736E-014	2.505E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276955	BALL FIELDS	08/28/24	Gross Alpha/Beta	Gross Alpha	4.822E-015	6.752E-015	1.097E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276955	BALL FIELDS	08/28/24	Gross Alpha/Beta	Gross Beta	2.639E-014	1.693E-014	2.523E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276956	BALL FIELDS	08/28/24	Gross Alpha/Beta	Gross Alpha	9.867E-015	8.456E-015	1.098E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276956	BALL FIELDS	08/28/24	Gross Alpha/Beta	Gross Beta	3.306E-014	1.773E-014	2.541E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276957	BALL FIELDS	08/29/24	Gross Alpha/Beta	Gross Alpha	2.094E-015	5.037E-015	9.892E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276957	BALL FIELDS	08/29/24	Gross Alpha/Beta	Gross Beta	3.412E-014	1.603E-014	2.089E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276958	BALL FIELDS	08/29/24	Gross Alpha/Beta	Gross Alpha	2.092E-015	5.037E-015	9.894E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276958	BALL FIELDS	08/29/24	Gross Alpha/Beta	Gross Beta	4.877E-014	1.782E-014	2.089E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276959	BALL FIELDS	08/29/24	Gross Alpha/Beta	Gross Alpha	6.530E-016	4.133E-015	9.894E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276959	BALL FIELDS	08/29/24	Gross Alpha/Beta	Gross Beta	5.449E-014	1.846E-014	2.082E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276964	BALL FIELDS	09/03/24	Gross Alpha/Beta	Gross Alpha	6.008E-015	6.656E-015	9.272E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276964	BALL FIELDS	09/03/24	Gross Alpha/Beta	Gross Beta	2.450E-014	1.416E-014	1.980E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276965	BALL FIELDS	09/03/24	Gross Alpha/Beta	Gross Alpha	1.964E-015	4.722E-015	9.272E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276965	BALL FIELDS	09/03/24	Gross Alpha/Beta	Gross Beta	2.083E-014	1.357E-014	1.959E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276966	BALL FIELDS	09/03/24	Gross Alpha/Beta	Gross Alpha	6.160E-016	3.874E-015	9.272E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276966	BALL FIELDS	09/03/24	Gross Alpha/Beta	Gross Beta	1.932E-014	1.333E-014	1.952E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276969	BALL FIELDS	09/04/24	Gross Alpha/Beta	Gross Alpha	3.310E-015	5.442E-015	9.274E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276969	BALL FIELDS	09/04/24	Gross Alpha/Beta	Gross Beta	3.779E-014	1.578E-014	1.966E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276970	BALL FIELDS	09/04/24	Gross Alpha/Beta	Gross Alpha	4.659E-015	6.078E-015	9.274E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276970	BALL FIELDS	09/04/24	Gross Alpha/Beta	Gross Beta	3.501E-014	1.547E-014	1.973E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276971	BALL FIELDS	09/04/24	Gross Alpha/Beta	Gross Alpha	-2.08E-15	7.010E-016	9.274E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276971	BALL FIELDS	09/04/24	Gross Alpha/Beta	Gross Beta	3.605E-014	1.545E-014	1.949E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276972	BALL FIELDS	09/05/24	Gross Alpha/Beta	Gross Alpha	6.899E-015	6.699E-015	8.581E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276972	BALL FIELDS	09/05/24	Gross Alpha/Beta	Gross Beta	2.047E-014	1.608E-014	2.490E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276973	BALL FIELDS	09/05/24	Gross Alpha/Beta	Gross Alpha	-6.50E-16	2.591E-015	8.595E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276973	BALL FIELDS	09/05/24	Gross Alpha/Beta	Gross Beta	4.136E-014	1.810E-014	2.466E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276974	BALL FIELDS	09/05/24	Gross Alpha/Beta	Gross Alpha	6.110E-016	3.609E-015	8.590E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276974	BALL FIELDS	09/05/24	Gross Alpha/Beta	Gross Beta	3.326E-014	1.730E-014	2.468E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276979	BALL FIELDS	09/06/24	Gross Alpha/Beta	Gross Alpha	7.665E-015	6.741E-015	8.090E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276979	BALL FIELDS	09/06/24	Gross Alpha/Beta	Gross Beta	3.919E-014	1.720E-014	2.348E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276980	BALL FIELDS	09/06/24	Gross Alpha/Beta	Gross Alpha	5.295E-015	5.837E-015	8.097E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276980	BALL FIELDS	09/06/24	Gross Alpha/Beta	Gross Beta	4.847E-014	1.808E-014	2.339E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP277627	BALL FIELDS	09/06/24	Gross Alpha/Beta	Gross Alpha	6.497E-015	6.305E-015	8.072E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277627	BALL FIELDS	09/06/24	Gross Alpha/Beta	Gross Beta	1.331E-014	1.450E-014	2.344E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277629	BALL FIELDS	09/09/24	Gross Alpha/Beta	Gross Alpha	4.390E-015	5.664E-015	8.576E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277629	BALL FIELDS	09/09/24	Gross Alpha/Beta	Gross Beta	1.293E-014	1.523E-014	2.481E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277630	BALL FIELDS	09/09/24	Gross Alpha/Beta	Gross Alpha	-6.41E-16	2.591E-015	8.583E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277630	BALL FIELDS	09/09/24	Gross Alpha/Beta	Gross Beta	2.395E-014	1.632E-014	2.466E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277631	BALL FIELDS	09/09/24	Gross Alpha/Beta	Gross Alpha	1.872E-015	4.400E-015	8.583E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277631	BALL FIELDS	09/09/24	Gross Alpha/Beta	Gross Beta	2.358E-014	1.632E-014	2.473E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277636	BALL FIELDS	09/10/24	Gross Alpha/Beta	Gross Alpha	1.870E-015	4.400E-015	8.585E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277636	BALL FIELDS	09/10/24	Gross Alpha/Beta	Gross Beta	2.675E-014	1.665E-014	2.473E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277637	BALL FIELDS	09/10/24	Gross Alpha/Beta	Gross Alpha	6.120E-016	3.609E-015	8.588E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277637	BALL FIELDS	09/10/24	Gross Alpha/Beta	Gross Beta	3.010E-014	1.698E-014	2.468E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277638	BALL FIELDS	09/10/24	Gross Alpha/Beta	Gross Alpha	-6.43E-16	2.591E-015	8.586E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277638	BALL FIELDS	09/10/24	Gross Alpha/Beta	Gross Beta	2.791E-014	1.673E-014	2.466E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277640	BALL FIELDS	09/11/24	Gross Alpha/Beta	Gross Alpha	6.150E-016	3.609E-015	8.584E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277640	BALL FIELDS	09/11/24	Gross Alpha/Beta	Gross Beta	2.535E-014	1.648E-014	2.468E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277641	BALL FIELDS	09/11/24	Gross Alpha/Beta	Gross Alpha	8.152E-015	7.162E-015	8.585E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277641	BALL FIELDS	09/11/24	Gross Alpha/Beta	Gross Beta	2.661E-014	1.675E-014	2.494E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277642	BALL FIELDS	09/11/24	Gross Alpha/Beta	Gross Alpha	4.370E-015	5.664E-015	8.603E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277642	BALL FIELDS	09/11/24	Gross Alpha/Beta	Gross Beta	5.248E-014	1.928E-014	2.481E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277647	BALL FIELDS	09/12/24	Gross Alpha/Beta	Gross Alpha	4.656E-015	6.672E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277647	BALL FIELDS	09/12/24	Gross Alpha/Beta	Gross Beta	6.029E-014	1.865E-014	2.034E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277648	BALL FIELDS	09/12/24	Gross Alpha/Beta	Gross Alpha	1.963E-015	5.466E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277648	BALL FIELDS	09/12/24	Gross Alpha/Beta	Gross Beta	3.410E-014	1.555E-014	2.020E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277649	BALL FIELDS	09/12/24	Gross Alpha/Beta	Gross Alpha	1.964E-015	5.466E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277649	BALL FIELDS	09/12/24	Gross Alpha/Beta	Gross Beta	2.380E-014	1.425E-014	2.020E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277652	BALL FIELDS	09/13/24	Gross Alpha/Beta	Gross Alpha	3.310E-015	6.098E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277652	BALL FIELDS	09/13/24	Gross Alpha/Beta	Gross Beta	4.162E-014	1.649E-014	2.027E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277653	BALL FIELDS	09/13/24	Gross Alpha/Beta	Gross Alpha	4.659E-015	6.672E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277653	BALL FIELDS	09/13/24	Gross Alpha/Beta	Gross Beta	3.540E-014	1.577E-014	2.034E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277654	BALL FIELDS	09/13/24	Gross Alpha/Beta	Gross Alpha	6.150E-016	4.752E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277654	BALL FIELDS	09/13/24	Gross Alpha/Beta	Gross Beta	2.830E-014	1.480E-014	2.014E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277656	BALL FIELDS	09/16/24	Gross Alpha/Beta	Gross Alpha	4.660E-015	6.672E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277656	BALL FIELDS	09/16/24	Gross Alpha/Beta	Gross Beta	2.424E-014	1.437E-014	2.034E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277657	BALL FIELDS	09/16/24	Gross Alpha/Beta	Gross Alpha	1.963E-015	5.466E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277657	BALL FIELDS	09/16/24	Gross Alpha/Beta	Gross Beta	2.723E-014	1.469E-014	2.020E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277658	BALL FIELDS	09/16/24	Gross Alpha/Beta	Gross Alpha	6.150E-016	4.752E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277658	BALL FIELDS	09/16/24	Gross Alpha/Beta	Gross Beta	3.259E-014	1.534E-014	2.014E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277661	BALL FIELDS	09/17/24	Gross Alpha/Beta	Gross Alpha	3.312E-015	6.098E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277661	BALL FIELDS	09/17/24	Gross Alpha/Beta	Gross Beta	2.273E-014	1.414E-014	2.027E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277662	BALL FIELDS	09/17/24	Gross Alpha/Beta	Gross Alpha	4.658E-015	6.672E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277662	BALL FIELDS	09/17/24	Gross Alpha/Beta	Gross Beta	4.141E-014	1.649E-014	2.034E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277663	BALL FIELDS	09/17/24	Gross Alpha/Beta	Gross Alpha	-2.08E-15	2.840E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP277663	BALL FIELDS	09/17/24	Gross Alpha/Beta	Gross Beta	3.301E-014	1.533E-014	2.010E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277666	BALL FIELDS	09/18/24	Gross Alpha/Beta	Gross Alpha	3.310E-015	6.098E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277666	BALL FIELDS	09/18/24	Gross Alpha/Beta	Gross Beta	3.904E-014	1.618E-014	2.027E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277667	BALL FIELDS	09/18/24	Gross Alpha/Beta	Gross Alpha	6.110E-016	4.752E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277667	BALL FIELDS	09/18/24	Gross Alpha/Beta	Gross Beta	6.178E-014	1.874E-014	2.014E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277668	BALL FIELDS	09/18/24	Gross Alpha/Beta	Gross Alpha	1.963E-015	5.466E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277668	BALL FIELDS	09/18/24	Gross Alpha/Beta	Gross Beta	3.153E-014	1.524E-014	2.020E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277672	BALL FIELDS	09/19/24	Gross Alpha/Beta	Gross Alpha	3.652E-015	6.503E-015	1.147E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277672	BALL FIELDS	09/19/24	Gross Alpha/Beta	Gross Beta	2.690E-014	1.510E-014	2.089E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277673	BALL FIELDS	09/19/24	Gross Alpha/Beta	Gross Alpha	5.090E-015	7.116E-015	1.147E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277673	BALL FIELDS	09/19/24	Gross Alpha/Beta	Gross Beta	3.034E-014	1.558E-014	2.097E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277674	BALL FIELDS	09/19/24	Gross Alpha/Beta	Gross Alpha	3.650E-015	6.503E-015	1.147E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277674	BALL FIELDS	09/19/24	Gross Alpha/Beta	Gross Beta	4.796E-014	1.773E-014	2.089E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277678	BALL FIELDS	09/20/24	Gross Alpha/Beta	Gross Alpha	1.953E-015	5.142E-015	1.012E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277678	BALL FIELDS	09/20/24	Gross Alpha/Beta	Gross Beta	3.282E-014	1.446E-014	1.837E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277679	BALL FIELDS	09/20/24	Gross Alpha/Beta	Gross Alpha	9.565E-015	8.099E-015	1.012E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277679	BALL FIELDS	09/20/24	Gross Alpha/Beta	Gross Beta	4.699E-014	1.631E-014	1.876E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277680	BALL FIELDS	09/20/24	Gross Alpha/Beta	Gross Alpha	3.221E-015	5.738E-015	1.012E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277680	BALL FIELDS	09/20/24	Gross Alpha/Beta	Gross Beta	3.666E-014	1.496E-014	1.843E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277684	BALL FIELDS	09/24/24	Gross Alpha/Beta	Gross Alpha	6.670E-016	4.343E-015	9.826E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277684	BALL FIELDS	09/24/24	Gross Alpha/Beta	Gross Beta	8.529E-015	1.085E-014	1.778E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277685	BALL FIELDS	09/24/24	Gross Alpha/Beta	Gross Alpha	1.299E-014	8.978E-015	9.826E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277685	BALL FIELDS	09/24/24	Gross Alpha/Beta	Gross Beta	1.212E-014	1.170E-014	1.841E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277686	BALL FIELDS	09/24/24	Gross Alpha/Beta	Gross Alpha	3.132E-015	5.574E-015	9.826E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277686	BALL FIELDS	09/24/24	Gross Alpha/Beta	Gross Beta	1.286E-014	1.155E-014	1.791E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277689	BALL FIELDS	09/25/24	Gross Alpha/Beta	Gross Alpha	9.565E-015	8.099E-015	1.012E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277689	BALL FIELDS	09/25/24	Gross Alpha/Beta	Gross Beta	4.699E-014	1.631E-014	1.876E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277690	BALL FIELDS	09/25/24	Gross Alpha/Beta	Gross Alpha	5.759E-015	6.777E-015	1.012E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277690	BALL FIELDS	09/25/24	Gross Alpha/Beta	Gross Beta	3.304E-014	1.457E-014	1.857E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277691	BALL FIELDS	09/25/24	Gross Alpha/Beta	Gross Alpha	1.083E-014	8.496E-015	1.012E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277691	BALL FIELDS	09/25/24	Gross Alpha/Beta	Gross Beta	4.195E-014	1.575E-014	1.882E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277695	BALL FIELDS	09/26/24	Gross Alpha/Beta	Gross Alpha	3.432E-015	5.116E-015	8.283E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277695	BALL FIELDS	09/26/24	Gross Alpha/Beta	Gross Beta	4.548E-014	1.610E-014	1.866E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277696	BALL FIELDS	09/26/24	Gross Alpha/Beta	Gross Alpha	-3.73E-16	2.605E-015	8.281E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277696	BALL FIELDS	09/26/24	Gross Alpha/Beta	Gross Beta	3.153E-014	1.434E-014	1.849E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277697	BALL FIELDS	09/26/24	Gross Alpha/Beta	Gross Alpha	2.164E-015	4.438E-015	8.281E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277697	BALL FIELDS	09/26/24	Gross Alpha/Beta	Gross Beta	3.598E-014	1.494E-014	1.860E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277699	BALL FIELDS	09/30/24	Gross Alpha/Beta	Gross Alpha	3.650E-015	5.436E-015	8.795E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277699	BALL FIELDS	09/30/24	Gross Alpha/Beta	Gross Beta	1.399E-014	1.275E-014	1.983E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277700	BALL FIELDS	09/30/24	Gross Alpha/Beta	Gross Alpha	9.540E-016	3.865E-015	8.795E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277700	BALL FIELDS	09/30/24	Gross Alpha/Beta	Gross Beta	9.258E-015	1.199E-014	1.969E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277701	BALL FIELDS	09/30/24	Gross Alpha/Beta	Gross Alpha	7.693E-015	7.185E-015	8.798E-015	µCi/mL	UJ	T04, T05	North County (General Area)-Perimeter Air
SVP277701	BALL FIELDS	09/30/24	Gross Alpha/Beta	Gross Beta	2.882E-014	1.482E-014	2.004E-014	µCi/mL	J	T04, T20	North County (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP277706	BALL FIELDS	10/01/24	Gross Alpha/Beta	Gross Alpha	2.103E-015	4.311E-015	8.043E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277706	BALL FIELDS	10/01/24	Gross Alpha/Beta	Gross Beta	2.632E-014	1.344E-014	1.807E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277707	BALL FIELDS	10/01/24	Gross Alpha/Beta	Gross Alpha	5.801E-015	6.082E-015	8.043E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277707	BALL FIELDS	10/01/24	Gross Alpha/Beta	Gross Beta	2.497E-014	1.335E-014	1.826E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277708	BALL FIELDS	10/01/24	Gross Alpha/Beta	Gross Alpha	6.138E-015	1.257E-014	2.345E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277708	BALL FIELDS	10/01/24	Gross Alpha/Beta	Gross Beta	3.787E-014	3.397E-014	5.270E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277712	BALL FIELDS	10/02/24	Gross Alpha/Beta	Gross Alpha	7.693E-015	7.185E-015	8.797E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277712	BALL FIELDS	10/02/24	Gross Alpha/Beta	Gross Beta	2.452E-014	1.427E-014	2.004E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277713	BALL FIELDS	10/02/24	Gross Alpha/Beta	Gross Alpha	6.344E-015	6.652E-015	8.798E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277713	BALL FIELDS	10/02/24	Gross Alpha/Beta	Gross Beta	3.160E-014	1.514E-014	1.997E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277714	BALL FIELDS	10/02/24	Gross Alpha/Beta	Gross Alpha	6.343E-015	6.652E-015	8.800E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277714	BALL FIELDS	10/02/24	Gross Alpha/Beta	Gross Beta	4.362E-014	1.661E-014	1.997E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277717	BALL FIELDS	10/03/24	Gross Alpha/Beta	Gross Alpha	9.772E-015	8.156E-015	9.640E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277717	BALL FIELDS	10/03/24	Gross Alpha/Beta	Gross Beta	2.274E-014	1.416E-014	2.031E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277718	BALL FIELDS	10/03/24	Gross Alpha/Beta	Gross Alpha	7.076E-015	7.191E-015	9.640E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277718	BALL FIELDS	10/03/24	Gross Alpha/Beta	Gross Beta	2.230E-014	1.404E-014	2.018E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277719	BALL FIELDS	10/03/24	Gross Alpha/Beta	Gross Alpha	8.423E-015	7.688E-015	9.641E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277719	BALL FIELDS	10/03/24	Gross Alpha/Beta	Gross Beta	3.067E-014	1.515E-014	2.024E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277720	BALL FIELDS	10/04/24	Gross Alpha/Beta	Gross Alpha	3.028E-015	5.447E-015	9.643E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277720	BALL FIELDS	10/04/24	Gross Alpha/Beta	Gross Beta	5.039E-014	1.740E-014	1.997E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277721	BALL FIELDS	10/04/24	Gross Alpha/Beta	Gross Alpha	5.726E-015	6.659E-015	9.641E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277721	BALL FIELDS	10/04/24	Gross Alpha/Beta	Gross Beta	3.452E-014	1.557E-014	2.011E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277721	BALL FIELDS	10/04/24	Gross Alpha/Beta	Gross Alpha	5.726E-015	6.659E-015	9.641E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277721	BALL FIELDS	10/04/24	Gross Alpha/Beta	Gross Beta	3.452E-014	1.557E-014	2.011E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP277722	BALL FIELDS	10/04/24	Gross Alpha/Beta	Gross Alpha	5.727E-015	6.659E-015	9.640E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP277722	BALL FIELDS	10/04/24	Gross Alpha/Beta	Gross Beta	2.422E-014	1.426E-014	2.011E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278097	BALL FIELDS	10/07/24	Gross Alpha/Beta	Gross Alpha	9.769E-015	8.156E-015	9.643E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278097	BALL FIELDS	10/07/24	Gross Alpha/Beta	Gross Beta	5.020E-014	1.751E-014	2.031E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278098	BALL FIELDS	10/07/24	Gross Alpha/Beta	Gross Alpha	7.077E-015	7.191E-015	9.639E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278098	BALL FIELDS	10/07/24	Gross Alpha/Beta	Gross Beta	1.285E-014	1.276E-014	2.018E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278099	BALL FIELDS	10/07/24	Gross Alpha/Beta	Gross Alpha	3.031E-015	5.447E-015	9.640E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278099	BALL FIELDS	10/07/24	Gross Alpha/Beta	Gross Beta	2.550E-014	1.437E-014	1.997E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278103	BALL FIELDS	10/08/24	Gross Alpha/Beta	Gross Alpha	9.771E-015	8.156E-015	9.641E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278103	BALL FIELDS	10/08/24	Gross Alpha/Beta	Gross Beta	3.475E-014	1.568E-014	2.031E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278104	BALL FIELDS	10/08/24	Gross Alpha/Beta	Gross Alpha	5.726E-015	6.659E-015	9.642E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278104	BALL FIELDS	10/08/24	Gross Alpha/Beta	Gross Beta	3.967E-014	1.619E-014	2.011E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278105	BALL FIELDS	10/08/24	Gross Alpha/Beta	Gross Alpha	7.074E-015	7.191E-015	9.642E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278105	BALL FIELDS	10/08/24	Gross Alpha/Beta	Gross Beta	3.946E-014	1.619E-014	2.018E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278108	BALL FIELDS	10/09/24	Gross Alpha/Beta	Gross Alpha	9.769E-015	8.156E-015	9.643E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278108	BALL FIELDS	10/09/24	Gross Alpha/Beta	Gross Beta	4.763E-014	1.721E-014	2.031E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278109	BALL FIELDS	10/09/24	Gross Alpha/Beta	Gross Alpha	4.377E-015	6.082E-015	9.642E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278109	BALL FIELDS	10/09/24	Gross Alpha/Beta	Gross Beta	3.988E-014	1.619E-014	2.004E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278110	BALL FIELDS	10/09/24	Gross Alpha/Beta	Gross Alpha	7.074E-015	7.191E-015	9.642E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278110	BALL FIELDS	10/09/24	Gross Alpha/Beta	Gross Beta	3.860E-014	1.609E-014	2.018E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278113	BALL FIELDS	10/10/24	Gross Alpha/Beta	Gross Alpha	1.230E-014	9.023E-015	9.851E-015	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278113	BALL FIELDS	10/10/24	Gross Alpha/Beta	Gross Beta	3.322E-014	1.548E-014	2.028E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278114	BALL FIELDS	10/10/24	Gross Alpha/Beta	Gross Alpha	1.512E-015	4.732E-015	9.853E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278114	BALL FIELDS	10/10/24	Gross Alpha/Beta	Gross Beta	4.433E-014	1.660E-014	1.974E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278115	BALL FIELDS	10/10/24	Gross Alpha/Beta	Gross Alpha	2.861E-015	5.450E-015	9.851E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278115	BALL FIELDS	10/10/24	Gross Alpha/Beta	Gross Beta	3.382E-014	1.535E-014	1.981E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278117	BALL FIELDS	10/11/24	Gross Alpha/Beta	Gross Alpha	2.858E-015	5.450E-015	9.856E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278117	BALL FIELDS	10/11/24	Gross Alpha/Beta	Gross Beta	6.987E-014	1.952E-014	1.981E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278118	BALL FIELDS	10/11/24	Gross Alpha/Beta	Gross Alpha	2.862E-015	5.450E-015	9.850E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278118	BALL FIELDS	10/11/24	Gross Alpha/Beta	Gross Beta	2.524E-014	1.426E-014	1.981E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278119	BALL FIELDS	10/11/24	Gross Alpha/Beta	Gross Alpha	2.861E-015	5.450E-015	9.852E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278119	BALL FIELDS	10/11/24	Gross Alpha/Beta	Gross Beta	3.983E-014	1.609E-014	1.981E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278123	BALL FIELDS	10/14/24	Gross Alpha/Beta	Gross Alpha	2.864E-015	5.450E-015	9.849E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278123	BALL FIELDS	10/14/24	Gross Alpha/Beta	Gross Beta	1.236E-014	1.250E-014	1.981E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278124	BALL FIELDS	10/14/24	Gross Alpha/Beta	Gross Alpha	5.560E-015	6.661E-015	9.848E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278124	BALL FIELDS	10/14/24	Gross Alpha/Beta	Gross Beta	9.369E-015	1.214E-014	1.995E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278128	BALL FIELDS	10/14/24	Gross Alpha/Beta	Gross Alpha	1.670E-016	3.887E-015	9.849E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278128	BALL FIELDS	10/14/24	Gross Alpha/Beta	Gross Beta	1.879E-014	1.333E-014	1.967E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278129	BALL FIELDS	10/15/24	Gross Alpha/Beta	Gross Alpha	1.515E-015	4.732E-015	9.849E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278129	BALL FIELDS	10/15/24	Gross Alpha/Beta	Gross Beta	1.429E-014	1.274E-014	1.974E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278130	BALL FIELDS	10/15/24	Gross Alpha/Beta	Gross Alpha	-1.18E-15	2.801E-015	9.850E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278130	BALL FIELDS	10/15/24	Gross Alpha/Beta	Gross Beta	2.414E-014	1.402E-014	1.966E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278131	BALL FIELDS	10/15/24	Gross Alpha/Beta	Gross Alpha	-1.18E-15	2.801E-015	9.849E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278131	BALL FIELDS	10/15/24	Gross Alpha/Beta	Gross Beta	1.728E-014	1.309E-014	1.966E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278135	BALL FIELDS	10/16/24	Gross Alpha/Beta	Gross Alpha	9.436E-015	8.788E-015	1.126E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278135	BALL FIELDS	10/16/24	Gross Alpha/Beta	Gross Beta	1.710E-014	1.487E-014	2.295E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278136	BALL FIELDS	10/16/24	Gross Alpha/Beta	Gross Alpha	-1.35E-15	3.201E-015	1.126E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278136	BALL FIELDS	10/16/24	Gross Alpha/Beta	Gross Beta	2.073E-014	1.510E-014	2.247E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278137	BALL FIELDS	10/16/24	Gross Alpha/Beta	Gross Alpha	1.732E-015	5.408E-015	1.126E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278137	BALL FIELDS	10/16/24	Gross Alpha/Beta	Gross Beta	1.240E-014	1.400E-014	2.256E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278143	BALL FIELDS	10/17/24	Gross Alpha/Beta	Gross Alpha	3.271E-015	6.228E-015	1.126E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278143	BALL FIELDS	10/17/24	Gross Alpha/Beta	Gross Beta	2.688E-014	1.604E-014	2.264E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278144	BALL FIELDS	10/17/24	Gross Alpha/Beta	Gross Alpha	9.435E-015	8.788E-015	1.126E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278144	BALL FIELDS	10/17/24	Gross Alpha/Beta	Gross Beta	2.396E-014	1.580E-014	2.295E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278145	BALL FIELDS	10/17/24	Gross Alpha/Beta	Gross Alpha	4.812E-015	6.954E-015	1.126E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278145	BALL FIELDS	10/17/24	Gross Alpha/Beta	Gross Beta	2.468E-014	1.578E-014	2.272E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278147	BALL FIELDS	10/18/24	Gross Alpha/Beta	Gross Alpha	6.120E-015	6.654E-015	9.119E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278147	BALL FIELDS	10/18/24	Gross Alpha/Beta	Gross Beta	2.809E-014	1.471E-014	1.999E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278148	BALL FIELDS	10/18/24	Gross Alpha/Beta	Gross Alpha	6.120E-015	6.654E-015	9.119E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278148	BALL FIELDS	10/18/24	Gross Alpha/Beta	Gross Beta	2.809E-014	1.471E-014	1.999E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278149	BALL FIELDS	10/18/24	Gross Alpha/Beta	Gross Alpha	7.469E-015	7.187E-015	9.118E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278149	BALL FIELDS	10/18/24	Gross Alpha/Beta	Gross Beta	2.274E-014	1.404E-014	2.006E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278155	BALL FIELDS	10/21/24	Gross Alpha/Beta	Gross Alpha	8.533E-015	8.214E-015	1.043E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278155	BALL FIELDS	10/21/24	Gross Alpha/Beta	Gross Beta	5.737E-014	1.990E-014	2.292E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278156	BALL FIELDS	10/21/24	Gross Alpha/Beta	Gross Alpha	2.375E-015	5.394E-015	1.042E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278156	BALL FIELDS	10/21/24	Gross Alpha/Beta	Gross Beta	3.393E-015	1.267E-014	2.261E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278157	BALL FIELDS	10/21/24	Gross Alpha/Beta	Gross Alpha	6.993E-015	7.605E-015	1.042E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278157	BALL FIELDS	10/21/24	Gross Alpha/Beta	Gross Beta	4.878E-014	1.886E-014	2.284E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278160	BALL FIELDS	10/24/24	Gross Alpha/Beta	Gross Alpha	2.738E-015	6.537E-015	1.243E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278160	BALL FIELDS	10/24/24	Gross Alpha/Beta	Gross Beta	4.418E-014	2.092E-014	2.904E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278161	BALL FIELDS	10/22/24	Gross Alpha/Beta	Gross Alpha	1.008E-014	8.782E-015	1.042E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278161	BALL FIELDS	10/22/24	Gross Alpha/Beta	Gross Beta	2.575E-014	1.606E-014	2.300E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278162	BALL FIELDS	10/22/24	Gross Alpha/Beta	Gross Alpha	1.008E-014	8.782E-015	1.042E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278162	BALL FIELDS	10/22/24	Gross Alpha/Beta	Gross Beta	2.967E-014	1.657E-014	2.300E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278166	BALL FIELDS	10/23/24	Gross Alpha/Beta	Gross Alpha	8.533E-015	8.214E-015	1.043E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278166	BALL FIELDS	10/23/24	Gross Alpha/Beta	Gross Beta	5.443E-014	1.955E-014	2.292E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278167	BALL FIELDS	10/23/24	Gross Alpha/Beta	Gross Alpha	8.534E-015	8.214E-015	1.042E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278167	BALL FIELDS	10/23/24	Gross Alpha/Beta	Gross Beta	4.756E-014	1.875E-014	2.292E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278168	BALL FIELDS	10/23/24	Gross Alpha/Beta	Gross Alpha	1.008E-014	8.782E-015	1.042E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278168	BALL FIELDS	10/23/24	Gross Alpha/Beta	Gross Beta	4.242E-014	1.816E-014	2.300E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278172	BALL FIELDS	10/24/24	Gross Alpha/Beta	Gross Alpha	8.499E-015	8.741E-015	1.244E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278172	BALL FIELDS	10/24/24	Gross Alpha/Beta	Gross Beta	5.937E-014	2.254E-014	2.925E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278173	BALL FIELDS	10/24/24	Gross Alpha/Beta	Gross Alpha	4.186E-015	7.150E-015	1.243E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278173	BALL FIELDS	10/24/24	Gross Alpha/Beta	Gross Beta	3.545E-014	2.004E-014	2.909E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278177	BALL FIELDS	10/25/24	Gross Alpha/Beta	Gross Alpha	2.713E-015	6.491E-015	1.235E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278177	BALL FIELDS	10/25/24	Gross Alpha/Beta	Gross Beta	5.326E-014	2.172E-014	2.883E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278177	BALL FIELDS	10/25/24	Gross Alpha/Beta	Gross Alpha	2.713E-015	6.491E-015	1.235E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278177	BALL FIELDS	10/25/24	Gross Alpha/Beta	Gross Beta	5.326E-014	2.172E-014	2.883E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278178	BALL FIELDS	10/25/24	Gross Alpha/Beta	Gross Alpha	1.426E-014	1.051E-014	1.245E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278178	BALL FIELDS	10/25/24	Gross Alpha/Beta	Gross Beta	7.835E-014	2.448E-014	2.946E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278179	BALL FIELDS	10/25/24	Gross Alpha/Beta	Gross Alpha	1.514E-014	1.051E-014	1.198E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278179	BALL FIELDS	10/25/24	Gross Alpha/Beta	Gross Beta	4.519E-014	2.063E-014	2.843E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278182	BALL FIELDS	10/28/24	Gross Alpha/Beta	Gross Alpha	7.426E-015	7.649E-015	1.090E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278182	BALL FIELDS	10/28/24	Gross Alpha/Beta	Gross Beta	6.850E-014	2.134E-014	2.559E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278183	BALL FIELDS	10/28/24	Gross Alpha/Beta	Gross Alpha	2.373E-015	5.720E-015	1.090E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278183	BALL FIELDS	10/28/24	Gross Alpha/Beta	Gross Beta	7.507E-014	2.189E-014	2.541E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278184	BALL FIELDS	10/28/24	Gross Alpha/Beta	Gross Alpha	1.126E-015	5.130E-015	1.089E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278184	BALL FIELDS	10/28/24	Gross Alpha/Beta	Gross Beta	5.044E-014	1.947E-014	2.536E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278189	BALL FIELDS	10/29/24	Gross Alpha/Beta	Gross Alpha	2.394E-015	5.720E-015	1.088E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278189	BALL FIELDS	10/29/24	Gross Alpha/Beta	Gross Beta	4.197E-014	1.864E-014	2.541E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278190	BALL FIELDS	10/29/24	Gross Alpha/Beta	Gross Alpha	6.176E-015	7.213E-015	1.088E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278190	BALL FIELDS	10/29/24	Gross Alpha/Beta	Gross Beta	4.801E-014	1.931E-014	2.555E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278191	BALL FIELDS	10/29/24	Gross Alpha/Beta	Gross Alpha	8.711E-015	8.062E-015	1.088E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278191	BALL FIELDS	10/29/24	Gross Alpha/Beta	Gross Beta	3.107E-014	1.763E-014	2.564E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278195	BALL FIELDS	10/30/24	Gross Alpha/Beta	Gross Alpha	2.380E-015	5.720E-015	1.089E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278195	BALL FIELDS	10/30/24	Gross Alpha/Beta	Gross Beta	6.431E-014	2.086E-014	2.541E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278196	BALL FIELDS	10/30/24	Gross Alpha/Beta	Gross Alpha	1.501E-014	9.885E-015	1.089E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278196	BALL FIELDS	10/30/24	Gross Alpha/Beta	Gross Beta	5.327E-014	1.997E-014	2.587E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278197	BALL FIELDS	10/30/24	Gross Alpha/Beta	Gross Alpha	3.652E-015	6.256E-015	1.089E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278197	BALL FIELDS	10/30/24	Gross Alpha/Beta	Gross Beta	4.840E-014	1.931E-014	2.545E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278209	BALL FIELDS	11/01/24	Gross Alpha/Beta	Gross Alpha	8.777E-015	7.653E-015	9.085E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278209	BALL FIELDS	11/01/24	Gross Alpha/Beta	Gross Beta	5.648E-014	1.803E-014	1.985E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278210	BALL FIELDS	11/01/24	Gross Alpha/Beta	Gross Alpha	2.013E-015	4.577E-015	8.842E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278210	BALL FIELDS	11/01/24	Gross Alpha/Beta	Gross Beta	2.438E-014	1.372E-014	1.899E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278211	BALL FIELDS	11/01/24	Gross Alpha/Beta	Gross Alpha	3.354E-015	5.329E-015	8.932E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278211	BALL FIELDS	11/01/24	Gross Alpha/Beta	Gross Beta	2.274E-014	1.364E-014	1.925E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278215	BALL FIELDS	11/12/24	Gross Alpha/Beta	Gross Alpha	3.914E-015	6.217E-015	1.042E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278215	BALL FIELDS	11/12/24	Gross Alpha/Beta	Gross Beta	2.163E-014	1.525E-014	2.246E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278216	BALL FIELDS	11/12/24	Gross Alpha/Beta	Gross Alpha	6.996E-015	7.605E-015	1.042E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278216	BALL FIELDS	11/12/24	Gross Alpha/Beta	Gross Beta	1.919E-014	1.499E-014	2.262E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278217	BALL FIELDS	11/12/24	Gross Alpha/Beta	Gross Alpha	5.455E-015	6.945E-015	1.042E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278217	BALL FIELDS	11/12/24	Gross Alpha/Beta	Gross Beta	1.845E-014	1.485E-014	2.254E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278220	BALL FIELDS	11/13/24	Gross Alpha/Beta	Gross Alpha	7.635E-015	9.723E-015	1.459E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278220	BALL FIELDS	11/13/24	Gross Alpha/Beta	Gross Beta	4.093E-014	2.282E-014	3.156E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278221	BALL FIELDS	11/13/24	Gross Alpha/Beta	Gross Alpha	-9.91E-16	4.444E-015	1.459E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278221	BALL FIELDS	11/13/24	Gross Alpha/Beta	Gross Beta	2.167E-014	1.998E-014	3.116E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278222	BALL FIELDS	11/13/24	Gross Alpha/Beta	Gross Alpha	1.626E-014	1.305E-014	1.459E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278222	BALL FIELDS	11/13/24	Gross Alpha/Beta	Gross Beta	6.844E-014	2.643E-014	3.199E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278226	BALL FIELDS	11/14/24	Gross Alpha/Beta	Gross Alpha	3.277E-015	5.800E-015	1.020E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278226	BALL FIELDS	11/14/24	Gross Alpha/Beta	Gross Beta	2.513E-014	1.800E-014	2.736E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278227	BALL FIELDS	11/14/24	Gross Alpha/Beta	Gross Alpha	3.266E-015	5.800E-015	1.022E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278227	BALL FIELDS	11/14/24	Gross Alpha/Beta	Gross Beta	4.682E-014	2.028E-014	2.736E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278228	BALL FIELDS	11/14/24	Gross Alpha/Beta	Gross Alpha	1.838E-015	5.035E-015	1.021E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278228	BALL FIELDS	11/14/24	Gross Alpha/Beta	Gross Beta	3.167E-014	1.868E-014	2.731E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278233	BALL FIELDS	11/15/24	Gross Alpha/Beta	Gross Alpha	2.270E-015	4.043E-015	7.131E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278233	BALL FIELDS	11/15/24	Gross Alpha/Beta	Gross Beta	4.524E-014	1.541E-014	1.907E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278234	BALL FIELDS	11/15/24	Gross Alpha/Beta	Gross Alpha	-7.10E-16	2.073E-015	7.103E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278234	BALL FIELDS	11/15/24	Gross Alpha/Beta	Gross Beta	2.835E-015	1.083E-014	1.899E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278235	BALL FIELDS	11/15/24	Gross Alpha/Beta	Gross Alpha	2.284E-015	4.060E-015	7.155E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278235	BALL FIELDS	11/15/24	Gross Alpha/Beta	Gross Beta	3.721E-014	1.465E-014	1.915E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278238	BALL FIELDS	11/19/24	Gross Alpha/Beta	Gross Alpha	9.018E-015	8.188E-015	1.021E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278238	BALL FIELDS	11/19/24	Gross Alpha/Beta	Gross Beta	2.970E-014	1.859E-014	2.757E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278239	BALL FIELDS	11/19/24	Gross Alpha/Beta	Gross Alpha	7.576E-015	7.659E-015	1.022E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278239	BALL FIELDS	11/19/24	Gross Alpha/Beta	Gross Beta	4.257E-014	1.992E-014	2.752E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278240	BALL FIELDS	11/19/24	Gross Alpha/Beta	Gross Alpha	3.277E-015	5.800E-015	1.020E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278240	BALL FIELDS	11/19/24	Gross Alpha/Beta	Gross Beta	2.513E-014	1.800E-014	2.736E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278245	BALL FIELDS	11/20/24	Gross Alpha/Beta	Gross Alpha	-2.46E-15	7.890E-016	1.020E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278245	BALL FIELDS	11/20/24	Gross Alpha/Beta	Gross Beta	1.874E-014	1.719E-014	2.725E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278246	BALL FIELDS	11/20/24	Gross Alpha/Beta	Gross Alpha	-2.46E-15	7.890E-016	1.020E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278246	BALL FIELDS	11/20/24	Gross Alpha/Beta	Gross Beta	1.422E-014	1.668E-014	2.725E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278247	BALL FIELDS	11/20/24	Gross Alpha/Beta	Gross Alpha	-2.45E-15	7.880E-016	1.019E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278247	BALL FIELDS	11/20/24	Gross Alpha/Beta	Gross Beta	6.630E-016	1.510E-014	2.725E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278254	BALL FIELDS	11/21/24	Gross Alpha/Beta	Gross Alpha	4.184E-015	6.485E-015	1.085E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278254	BALL FIELDS	11/21/24	Gross Alpha/Beta	Gross Beta	7.895E-015	1.661E-014	2.829E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278255	BALL FIELDS	11/21/24	Gross Alpha/Beta	Gross Alpha	1.305E-015	5.047E-015	1.086E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278255	BALL FIELDS	11/21/24	Gross Alpha/Beta	Gross Beta	2.097E-014	1.798E-014	2.819E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278256	BALL FIELDS	11/21/24	Gross Alpha/Beta	Gross Alpha	-3.00E-15	8.760E-016	1.085E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278256	BALL FIELDS	11/21/24	Gross Alpha/Beta	Gross Beta	1.167E-014	1.689E-014	2.815E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278260	BALL FIELDS	11/22/24	Gross Alpha/Beta	Gross Alpha	7.425E-015	7.168E-015	9.498E-015	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278260	BALL FIELDS	11/22/24	Gross Alpha/Beta	Gross Beta	1.584E-014	1.558E-014	2.488E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278261	BALL FIELDS	11/22/24	Gross Alpha/Beta	Gross Alpha	1.142E-015	4.416E-015	9.499E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278261	BALL FIELDS	11/22/24	Gross Alpha/Beta	Gross Beta	1.756E-014	1.565E-014	2.467E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278264	BALL FIELDS	11/25/24	Gross Alpha/Beta	Gross Alpha	-1.54E-16	4.149E-015	1.088E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278264	BALL FIELDS	11/25/24	Gross Alpha/Beta	Gross Beta	6.548E-014	2.248E-014	2.815E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278265	BALL FIELDS	11/25/24	Gross Alpha/Beta	Gross Alpha	7.027E-015	7.664E-015	1.088E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278265	BALL FIELDS	11/25/24	Gross Alpha/Beta	Gross Beta	6.081E-014	2.213E-014	2.839E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278266	BALL FIELDS	11/25/24	Gross Alpha/Beta	Gross Alpha	1.133E-014	9.162E-015	1.089E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278266	BALL FIELDS	11/25/24	Gross Alpha/Beta	Gross Beta	7.192E-014	2.327E-014	2.854E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278273	BALL FIELDS	11/26/24	Gross Alpha/Beta	Gross Alpha	1.294E-015	5.047E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278273	BALL FIELDS	11/26/24	Gross Alpha/Beta	Gross Beta	4.267E-014	2.024E-014	2.819E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278274	BALL FIELDS	11/26/24	Gross Alpha/Beta	Gross Alpha	5.605E-015	7.098E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278274	BALL FIELDS	11/26/24	Gross Alpha/Beta	Gross Beta	3.571E-014	1.960E-014	2.834E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278275	BALL FIELDS	11/26/24	Gross Alpha/Beta	Gross Alpha	-1.34E-16	4.149E-015	1.086E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278275	BALL FIELDS	11/26/24	Gross Alpha/Beta	Gross Beta	2.751E-014	1.865E-014	2.815E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278278	BALL FIELDS	11/27/24	Gross Alpha/Beta	Gross Alpha	-1.43E-16	4.149E-015	1.087E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278278	BALL FIELDS	11/27/24	Gross Alpha/Beta	Gross Beta	4.378E-014	2.033E-014	2.815E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278279	BALL FIELDS	11/27/24	Gross Alpha/Beta	Gross Alpha	-1.16E-16	4.149E-015	1.084E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278279	BALL FIELDS	11/27/24	Gross Alpha/Beta	Gross Beta	-6.84E-15	1.482E-014	2.815E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278280	BALL FIELDS	11/27/24	Gross Alpha/Beta	Gross Alpha	-1.39E-16	4.149E-015	1.087E-014	µCi/mL	UJ	T06	North County (General Area)-Perimeter Air
SVP278280	BALL FIELDS	11/27/24	Gross Alpha/Beta	Gross Beta	3.746E-014	1.969E-014	2.815E-014	µCi/mL	J	T04, T20	North County (General Area)-Perimeter Air
SVP278284	BALL FIELDS	12/02/24	Gross Alpha/Beta	Gross Alpha	-2.90E-15	3.054E-015	1.226E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278284	BALL FIELDS	12/02/24	Gross Alpha/Beta	Gross Beta	4.720E-014	2.036E-014	2.755E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278285	BALL FIELDS	12/02/24	Gross Alpha/Beta	Gross Alpha	2.843E-015	6.505E-015	1.226E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278285	BALL FIELDS	12/02/24	Gross Alpha/Beta	Gross Beta	5.359E-014	2.110E-014	2.765E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278286	BALL FIELDS	12/02/24	Gross Alpha/Beta	Gross Alpha	-4.40E-17	5.077E-015	1.228E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278286	BALL FIELDS	12/02/24	Gross Alpha/Beta	Gross Beta	8.294E-014	2.392E-014	2.755E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278293	BALL FIELDS	12/03/24	Gross Alpha/Beta	Gross Alpha	-1.45E-15	4.188E-015	1.225E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278293	BALL FIELDS	12/03/24	Gross Alpha/Beta	Gross Beta	2.620E-014	1.818E-014	2.755E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278294	BALL FIELDS	12/03/24	Gross Alpha/Beta	Gross Alpha	-1.44E-15	4.188E-015	1.224E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278294	BALL FIELDS	12/03/24	Gross Alpha/Beta	Gross Beta	1.174E-014	1.659E-014	2.755E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278295	BALL FIELDS	12/03/24	Gross Alpha/Beta	Gross Alpha	-1.45E-15	4.188E-015	1.225E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278295	BALL FIELDS	12/03/24	Gross Alpha/Beta	Gross Beta	3.072E-014	1.867E-014	2.755E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278299	BALL FIELDS	12/04/24	Gross Alpha/Beta	Gross Alpha	1.392E-015	5.834E-015	1.228E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278299	BALL FIELDS	12/04/24	Gross Alpha/Beta	Gross Beta	8.363E-014	2.401E-014	2.760E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278300	BALL FIELDS	12/04/24	Gross Alpha/Beta	Gross Alpha	4.280E-015	7.115E-015	1.226E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278300	BALL FIELDS	12/04/24	Gross Alpha/Beta	Gross Beta	5.157E-014	2.092E-014	2.770E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278301	BALL FIELDS	12/04/24	Gross Alpha/Beta	Gross Alpha	1.391E-015	5.834E-015	1.228E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278301	BALL FIELDS	12/04/24	Gross Alpha/Beta	Gross Beta	8.544E-014	2.418E-014	2.760E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278306	BALL FIELDS	12/05/24	Gross Alpha/Beta	Gross Alpha	-1.20E-17	5.077E-015	1.225E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278306	BALL FIELDS	12/05/24	Gross Alpha/Beta	Gross Beta	2.328E-014	1.790E-014	2.755E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278307	BALL FIELDS	12/05/24	Gross Alpha/Beta	Gross Alpha	5.731E-015	7.678E-015	1.225E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278307	BALL FIELDS	12/05/24	Gross Alpha/Beta	Gross Beta	2.424E-014	1.810E-014	2.775E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278308	BALL FIELDS	12/05/24	Gross Alpha/Beta	Gross Alpha	2.849E-015	6.505E-015	1.226E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278308	BALL FIELDS	12/05/24	Gross Alpha/Beta	Gross Beta	4.364E-014	2.009E-014	2.765E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP278311	BALL FIELDS	12/06/24	Gross Alpha/Beta	Gross Alpha	-1.27E-15	3.665E-015	1.072E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278311	BALL FIELDS	12/06/24	Gross Alpha/Beta	Gross Beta	2.846E-014	1.650E-014	2.411E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278312	BALL FIELDS	12/06/24	Gross Alpha/Beta	Gross Alpha	2.496E-015	5.692E-015	1.072E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278312	BALL FIELDS	12/06/24	Gross Alpha/Beta	Gross Beta	3.265E-014	1.701E-014	2.420E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278313	BALL FIELDS	12/06/24	Gross Alpha/Beta	Gross Alpha	2.498E-015	5.692E-015	1.072E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278313	BALL FIELDS	12/06/24	Gross Alpha/Beta	Gross Beta	2.870E-014	1.659E-014	2.420E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278331	BALL FIELDS	12/16/24	Gross Alpha/Beta	Gross Alpha	-1.86E-15	6.610E-016	8.959E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278331	BALL FIELDS	12/16/24	Gross Alpha/Beta	Gross Beta	1.441E-014	1.260E-014	1.952E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278333	BALL FIELDS	12/17/24	Gross Alpha/Beta	Gross Alpha	8.970E-016	4.126E-015	9.556E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278333	BALL FIELDS	12/17/24	Gross Alpha/Beta	Gross Beta	1.493E-014	1.345E-014	2.087E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278338	BALL FIELDS	12/18/24	Gross Alpha/Beta	Gross Alpha	2.334E-015	5.032E-015	9.557E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278338	BALL FIELDS	12/18/24	Gross Alpha/Beta	Gross Beta	2.478E-014	1.484E-014	2.095E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278340	BALL FIELDS	12/19/24	Gross Alpha/Beta	Gross Alpha	8.420E-016	3.868E-015	8.958E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278340	BALL FIELDS	12/19/24	Gross Alpha/Beta	Gross Beta	7.988E-015	1.173E-014	1.957E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278344	BALL FIELDS	12/23/24	Gross Alpha/Beta	Gross Alpha	5.869E-015	6.262E-015	8.430E-015	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP278344	BALL FIELDS	12/23/24	Gross Alpha/Beta	Gross Beta	-2.96E-15	9.539E-015	1.868E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP280125	BALL FIELDS	12/30/24	Gross Alpha/Beta	Gross Alpha	4.041E-015	6.215E-015	1.024E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP280125	BALL FIELDS	12/30/24	Gross Alpha/Beta	Gross Beta	3.220E-014	1.668E-014	2.252E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276797	BALLFIELDS	07/25/24	Gross Alpha/Beta	Gross Alpha	9.426E-015	9.412E-015	1.314E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276797	BALLFIELDS	07/25/24	Gross Alpha/Beta	Gross Beta	3.980E-014	2.170E-014	3.123E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276798	BALLFIELDS	07/25/24	Gross Alpha/Beta	Gross Alpha	1.560E-014	1.132E-014	1.317E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276798	BALLFIELDS	07/25/24	Gross Alpha/Beta	Gross Beta	1.010E-013	2.783E-014	3.146E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276799	BALLFIELDS	07/25/24	Gross Alpha/Beta	Gross Alpha	7.863E-015	8.875E-015	1.314E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276799	BALLFIELDS	07/25/24	Gross Alpha/Beta	Gross Beta	5.531E-014	2.327E-014	3.118E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276805	BALLFIELDS	07/26/24	Gross Alpha/Beta	Gross Alpha	8.393E-015	7.586E-015	1.005E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276805	BALLFIELDS	07/26/24	Gross Alpha/Beta	Gross Beta	3.492E-014	1.708E-014	2.393E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276806	BALLFIELDS	07/26/24	Gross Alpha/Beta	Gross Alpha	1.077E-014	8.313E-015	1.005E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276806	BALLFIELDS	07/26/24	Gross Alpha/Beta	Gross Beta	3.378E-014	1.701E-014	2.402E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276807	BALLFIELDS	07/26/24	Gross Alpha/Beta	Gross Alpha	1.076E-014	8.313E-015	1.006E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276807	BALLFIELDS	07/26/24	Gross Alpha/Beta	Gross Beta	4.935E-014	1.858E-014	2.402E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276813	BALLFIELDS	07/30/24	Gross Alpha/Beta	Gross Alpha	1.541E-015	5.859E-015	1.220E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276813	BALLFIELDS	07/30/24	Gross Alpha/Beta	Gross Beta	3.523E-014	1.984E-014	2.874E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276814	BALLFIELDS	07/30/24	Gross Alpha/Beta	Gross Alpha	7.312E-015	8.241E-015	1.220E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276814	BALLFIELDS	07/30/24	Gross Alpha/Beta	Gross Beta	3.434E-014	1.985E-014	2.895E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276815	BALLFIELDS	07/30/24	Gross Alpha/Beta	Gross Alpha	5.875E-015	7.713E-015	1.219E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276815	BALLFIELDS	07/30/24	Gross Alpha/Beta	Gross Beta	2.510E-014	1.884E-014	2.890E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276819	BALLFIELDS	07/31/24	Gross Alpha/Beta	Gross Alpha	6.408E-015	7.211E-015	1.066E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276819	BALLFIELDS	07/31/24	Gross Alpha/Beta	Gross Beta	1.349E-014	1.558E-014	2.533E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276820	BALLFIELDS	07/31/24	Gross Alpha/Beta	Gross Alpha	-1.178E-15	3.678E-015	1.067E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276820	BALLFIELDS	07/31/24	Gross Alpha/Beta	Gross Beta	3.369E-014	1.762E-014	2.509E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276821	BALLFIELDS	07/31/24	Gross Alpha/Beta	Gross Alpha	9.400E-017	4.460E-015	1.066E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276821	BALLFIELDS	07/31/24	Gross Alpha/Beta	Gross Beta	1.860E-014	1.602E-014	2.510E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276827	BALLFIELDS	08/01/24	Gross Alpha/Beta	Gross Alpha	-1.28E-15	4.059E-015	1.176E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276827	BALLFIELDS	08/01/24	Gross Alpha/Beta	Gross Beta	1.070E-014	1.655E-014	2.769E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276828	BALLFIELDS	08/01/24	Gross Alpha/Beta	Gross Alpha	1.263E-014	9.746E-015	1.177E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276828	BALLFIELDS	08/01/24	Gross Alpha/Beta	Gross Beta	2.682E-014	1.860E-014	2.816E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276829	BALLFIELDS	08/01/24	Gross Alpha/Beta	Gross Alpha	2.098E-014	1.197E-014	1.178E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276829	BALLFIELDS	08/01/24	Gross Alpha/Beta	Gross Beta	4.745E-014	2.088E-014	2.846E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276831	BALLFIELDS	08/02/24	Gross Alpha/Beta	Gross Alpha	3.060E-015	5.893E-015	1.060E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276831	BALLFIELDS	08/02/24	Gross Alpha/Beta	Gross Beta	1.436E-014	1.457E-014	2.333E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276832	BALLFIELDS	08/02/24	Gross Alpha/Beta	Gross Alpha	6.740E-016	4.836E-015	1.061E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276832	BALLFIELDS	08/02/24	Gross Alpha/Beta	Gross Beta	3.186E-014	1.644E-014	2.324E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276841	BALLFIELDS	08/05/24	Gross Alpha/Beta	Gross Alpha	4.499E-015	6.756E-015	1.127E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276841	BALLFIELDS	08/05/24	Gross Alpha/Beta	Gross Beta	3.906E-014	1.808E-014	2.484E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276842	BALLFIELDS	08/05/24	Gross Alpha/Beta	Gross Alpha	1.972E-015	5.727E-015	1.127E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276842	BALLFIELDS	08/05/24	Gross Alpha/Beta	Gross Beta	4.359E-014	1.850E-014	2.474E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276843	BALLFIELDS	08/05/24	Gross Alpha/Beta	Gross Alpha	5.755E-015	7.217E-015	1.128E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276843	BALLFIELDS	08/05/24	Gross Alpha/Beta	Gross Beta	4.880E-014	1.910E-014	2.488E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276848	BALLFIELDS	08/06/24	Gross Alpha/Beta	Gross Alpha	3.451E-015	6.679E-015	1.202E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276848	BALLFIELDS	08/06/24	Gross Alpha/Beta	Gross Beta	4.364E-014	1.946E-014	2.644E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276849	BALLFIELDS	08/06/24	Gross Alpha/Beta	Gross Alpha	7.490E-016	5.481E-015	1.203E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276849	BALLFIELDS	08/06/24	Gross Alpha/Beta	Gross Beta	5.906E-014	2.099E-014	2.634E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276850	BALLFIELDS	08/06/24	Gross Alpha/Beta	Gross Alpha	4.773E-015	7.206E-015	1.204E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276850	BALLFIELDS	08/06/24	Gross Alpha/Beta	Gross Beta	8.403E-014	2.349E-014	2.649E-014	µCi/mL	=		Ballfields (IA-09)(General Area)-Perimeter Air
SVP276855	BALLFIELDS	08/07/24	Gross Alpha/Beta	Gross Alpha	-5.37E-16	4.476E-015	1.126E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276855	BALLFIELDS	08/07/24	Gross Alpha/Beta	Gross Beta	1.832E-014	1.575E-014	2.467E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276856	BALLFIELDS	08/07/24	Gross Alpha/Beta	Gross Alpha	7.026E-015	7.652E-015	1.127E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276856	BALLFIELDS	08/07/24	Gross Alpha/Beta	Gross Beta	3.536E-014	1.774E-014	2.493E-014	µCi/mL	J	T04, T20	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276857	BALLFIELDS	08/07/24	Gross Alpha/Beta	Gross Alpha	8.295E-015	8.065E-015	1.126E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP276857	BALLFIELDS	08/07/24	Gross Alpha/Beta	Gross Beta	2.441E-014	1.659E-014	2.498E-014	µCi/mL	UJ	T04, T05	Ballfields (IA-09)(General Area)-Perimeter Air
SVP280128	BF_SSA_EAST	12/31/24	Gross Alpha/Beta	Gross Alpha	-1.87E-15	3.235E-015	1.191E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP280128	BF_SSA_EAST	12/31/24	Gross Alpha/Beta	Gross Beta	8.591E-015	1.787E-014	3.048E-014	µCi/mL	UJ	T06	Ballfields (IA-09)(General Area)-Perimeter Air
SVP272653	CWC	01/02/24	Gross Alpha/Beta	Gross Alpha	5.240E-016	3.614E-015	8.712E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272653	CWC	01/02/24	Gross Alpha/Beta	Gross Beta	2.931E-014	1.711E-014	2.508E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272654	CWC	01/02/24	Gross Alpha/Beta	Gross Alpha	5.240E-016	3.614E-015	8.712E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272654	CWC	01/02/24	Gross Alpha/Beta	Gross Beta	3.489E-014	1.768E-014	2.508E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272657	CWC	01/03/24	Gross Alpha/Beta	Gross Alpha	3.038E-015	5.074E-015	8.712E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP272657	CWC	01/03/24	Gross Alpha/Beta	Gross Beta	3.968E-014	1.816E-014	2.508E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272658	CWC	01/03/24	Gross Alpha/Beta	Gross Alpha	5.552E-015	6.206E-015	8.712E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272658	CWC	01/03/24	Gross Alpha/Beta	Gross Beta	5.962E-014	2.012E-014	2.508E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272661	CWC	01/04/24	Gross Alpha/Beta	Gross Alpha	7.030E-015	7.353E-015	1.038E-014	µCi/mL	UJ	T06	Coldwater Creek (General Area)-Perimeter Air
SVP272661	CWC	01/04/24	Gross Alpha/Beta	Gross Beta	4.999E-014	1.917E-014	2.486E-014	µCi/mL	=		Coldwater Creek (General Area)-Perimeter Air
SVP272662	CWC	01/04/24	Gross Alpha/Beta	Gross Alpha	3.166E-015	5.826E-015	1.038E-014	µCi/mL	UJ	T06	Coldwater Creek (General Area)-Perimeter Air
SVP272662	CWC	01/04/24	Gross Alpha/Beta	Gross Beta	4.426E-014	1.859E-014	2.486E-014	µCi/mL	=		Coldwater Creek (General Area)-Perimeter Air
SVP272663	CWC	01/05/24	Gross Alpha/Beta	Gross Alpha	-6.98E-16	3.739E-015	1.038E-014	µCi/mL	UJ	T06	Coldwater Creek (General Area)-Perimeter Air
SVP272663	CWC	01/05/24	Gross Alpha/Beta	Gross Beta	1.398E-014	1.538E-014	2.486E-014	µCi/mL	UJ	T06	Coldwater Creek (General Area)-Perimeter Air
SVP272664	CWC	01/05/24	Gross Alpha/Beta	Gross Alpha	4.454E-015	6.374E-015	1.038E-014	µCi/mL	UJ	T06	Coldwater Creek (General Area)-Perimeter Air
SVP272664	CWC	01/05/24	Gross Alpha/Beta	Gross Beta	4.180E-014	1.834E-014	2.486E-014	µCi/mL	=		Coldwater Creek (General Area)-Perimeter Air
SVP272667	CWC	01/08/24	Gross Alpha/Beta	Gross Alpha	1.664E-014	1.560E-014	2.076E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (General Area)-Perimeter Air
SVP272667	CWC	01/08/24	Gross Alpha/Beta	Gross Beta	9.015E-014	3.735E-014	4.972E-014	µCi/mL	=		Coldwater Creek (General Area)-Perimeter Air
SVP272674	CWC	01/18/24	Gross Alpha/Beta	Gross Alpha	5.554E-015	8.726E-015	1.469E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 10)(General Area)-Perimeter Air
SVP272674	CWC	01/18/24	Gross Alpha/Beta	Gross Beta	2.475E-014	2.334E-014	3.702E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 10)(General Area)-Perimeter Air
SVP272696	CWC	01/31/24	Gross Alpha/Beta	Gross Alpha	6.837E-015	7.207E-015	1.023E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272696	CWC	01/31/24	Gross Alpha/Beta	Gross Beta	1.424E-014	1.564E-014	2.528E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272697	CWC	01/31/24	Gross Alpha/Beta	Gross Alpha	5.575E-015	6.743E-015	1.023E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272697	CWC	01/31/24	Gross Alpha/Beta	Gross Beta	1.176E-014	1.536E-014	2.528E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272701	CWC	02/01/24	Gross Alpha/Beta	Gross Alpha	5.575E-015	6.743E-015	1.023E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272701	CWC	02/01/24	Gross Alpha/Beta	Gross Beta	4.982E-014	1.938E-014	2.528E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272701	CWC	02/01/24	Gross Alpha/Beta	Gross Alpha	5.575E-015	6.743E-015	1.023E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272701	CWC	02/01/24	Gross Alpha/Beta	Gross Beta	4.982E-014	1.938E-014	2.528E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272702	CWC	02/01/24	Gross Alpha/Beta	Gross Alpha	5.575E-015	6.743E-015	1.023E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272702	CWC	02/01/24	Gross Alpha/Beta	Gross Beta	1.920E-014	1.618E-014	2.528E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272703	CWC	02/02/24	Gross Alpha/Beta	Gross Alpha	4.312E-015	6.247E-015	1.023E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272703	CWC	02/02/24	Gross Alpha/Beta	Gross Beta	2.169E-014	1.645E-014	2.528E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272704	CWC	02/02/24	Gross Alpha/Beta	Gross Alpha	1.788E-015	5.118E-015	1.023E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272704	CWC	02/02/24	Gross Alpha/Beta	Gross Beta	3.658E-014	1.803E-014	2.528E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272708	CWC	02/05/24	Gross Alpha/Beta	Gross Alpha	2.617E-015	4.876E-015	8.747E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272708	CWC	02/05/24	Gross Alpha/Beta	Gross Beta	9.327E-015	1.175E-014	1.922E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272709	CWC	02/05/24	Gross Alpha/Beta	Gross Alpha	-1.74E-16	2.856E-015	8.747E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272709	CWC	02/05/24	Gross Alpha/Beta	Gross Beta	2.209E-014	1.356E-014	1.922E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272713	CWC	02/06/24	Gross Alpha/Beta	Gross Alpha	5.408E-015	6.284E-015	8.747E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272713	CWC	02/06/24	Gross Alpha/Beta	Gross Beta	1.869E-014	1.309E-014	1.922E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272714	CWC	02/06/24	Gross Alpha/Beta	Gross Alpha	1.184E-015	3.873E-015	8.482E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272714	CWC	02/06/24	Gross Alpha/Beta	Gross Beta	2.885E-014	1.412E-014	1.864E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272718	CWC	02/07/24	Gross Alpha/Beta	Gross Alpha	2.617E-015	4.876E-015	8.747E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272718	CWC	02/07/24	Gross Alpha/Beta	Gross Beta	3.912E-014	1.574E-014	1.922E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272719	CWC	02/07/24	Gross Alpha/Beta	Gross Alpha	2.617E-015	4.876E-015	8.747E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272719	CWC	02/07/24	Gross Alpha/Beta	Gross Beta	2.805E-014	1.435E-014	1.922E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272723	CWC	02/08/24	Gross Alpha/Beta	Gross Alpha	3.221E-015	6.001E-015	1.077E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272723	CWC	02/08/24	Gross Alpha/Beta	Gross Beta	4.395E-014	1.885E-014	2.366E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272724	CWC	02/08/24	Gross Alpha/Beta	Gross Alpha	1.221E-015	3.994E-015	8.747E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272724	CWC	02/08/24	Gross Alpha/Beta	Gross Beta	2.209E-014	1.356E-014	1.922E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP272725	CWC	02/09/24	Gross Alpha/Beta	Gross Alpha	1.052E-015	5.132E-015	1.096E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272725	CWC	02/09/24	Gross Alpha/Beta	Gross Beta	-4.34E-15	1.333E-014	2.502E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272726	CWC	02/09/24	Gross Alpha/Beta	Gross Alpha	-2.10E-16	4.468E-015	1.096E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272726	CWC	02/09/24	Gross Alpha/Beta	Gross Beta	3.124E-014	1.735E-014	2.502E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272730	CWC	02/12/24	Gross Alpha/Beta	Gross Alpha	2.314E-015	5.721E-015	1.096E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272730	CWC	02/12/24	Gross Alpha/Beta	Gross Beta	2.627E-014	1.682E-014	2.502E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272731	CWC	02/12/24	Gross Alpha/Beta	Gross Alpha	6.101E-015	7.213E-015	1.096E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272731	CWC	02/12/24	Gross Alpha/Beta	Gross Beta	2.131E-014	1.628E-014	2.502E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272732	CWC	02/13/24	Gross Alpha/Beta	Gross Alpha	1.122E-015	5.474E-015	1.169E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272732	CWC	02/13/24	Gross Alpha/Beta	Gross Beta	1.037E-014	1.599E-014	2.669E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272733	CWC	02/13/24	Gross Alpha/Beta	Gross Alpha	2.468E-015	6.103E-015	1.169E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272733	CWC	02/13/24	Gross Alpha/Beta	Gross Beta	2.891E-014	1.803E-014	2.669E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272740	CWC	02/14/24	Gross Alpha/Beta	Gross Alpha	2.314E-015	5.721E-015	1.096E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272740	CWC	02/14/24	Gross Alpha/Beta	Gross Beta	5.772E-014	2.005E-014	2.502E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272741	CWC	02/14/24	Gross Alpha/Beta	Gross Alpha	-2.10E-16	4.468E-015	1.096E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272741	CWC	02/14/24	Gross Alpha/Beta	Gross Beta	5.854E-014	2.013E-014	2.502E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272745	CWC	02/15/24	Gross Alpha/Beta	Gross Alpha	5.444E-015	6.204E-015	8.846E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272745	CWC	02/15/24	Gross Alpha/Beta	Gross Beta	1.875E-014	1.530E-014	2.376E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272746	CWC	02/15/24	Gross Alpha/Beta	Gross Alpha	4.190E-016	3.615E-015	8.846E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272746	CWC	02/15/24	Gross Alpha/Beta	Gross Beta	1.242E-014	1.459E-014	2.376E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272747	CWC	02/19/24	Gross Alpha/Beta	Gross Alpha	4.190E-016	3.615E-015	8.846E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272747	CWC	02/19/24	Gross Alpha/Beta	Gross Beta	4.090E-014	1.766E-014	2.376E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272748	CWC	02/19/24	Gross Alpha/Beta	Gross Alpha	-8.38E-16	2.599E-015	8.846E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272748	CWC	02/19/24	Gross Alpha/Beta	Gross Beta	2.982E-014	1.650E-014	2.376E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272755	CWC	02/20/24	Gross Alpha/Beta	Gross Alpha	5.444E-015	6.204E-015	8.846E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272755	CWC	02/20/24	Gross Alpha/Beta	Gross Beta	4.801E-014	1.838E-014	2.376E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272756	CWC	02/20/24	Gross Alpha/Beta	Gross Alpha	7.957E-015	7.163E-015	8.846E-015	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272756	CWC	02/20/24	Gross Alpha/Beta	Gross Beta	3.299E-014	1.683E-014	2.376E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272760	CWC	02/21/24	Gross Alpha/Beta	Gross Alpha	4.188E-015	5.666E-015	8.846E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272760	CWC	02/21/24	Gross Alpha/Beta	Gross Beta	6.779E-014	2.034E-014	2.376E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272761	CWC	02/21/24	Gross Alpha/Beta	Gross Alpha	5.444E-015	6.204E-015	8.846E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272761	CWC	02/21/24	Gross Alpha/Beta	Gross Beta	5.039E-014	1.862E-014	2.376E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272765	CWC	02/22/24	Gross Alpha/Beta	Gross Alpha	6.282E-015	6.705E-015	9.366E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272765	CWC	02/22/24	Gross Alpha/Beta	Gross Beta	4.040E-014	1.809E-014	2.482E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272766	CWC	02/22/24	Gross Alpha/Beta	Gross Alpha	8.795E-015	7.602E-015	9.366E-015	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272766	CWC	02/22/24	Gross Alpha/Beta	Gross Beta	3.724E-014	1.777E-014	2.482E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272767	CWC	02/23/24	Gross Alpha/Beta	Gross Alpha	7.538E-015	7.167E-015	9.366E-015	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272767	CWC	02/23/24	Gross Alpha/Beta	Gross Beta	2.379E-014	1.639E-014	2.482E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272768	CWC	02/23/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	3.627E-015	9.366E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272768	CWC	02/23/24	Gross Alpha/Beta	Gross Beta	3.249E-014	1.729E-014	2.482E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272772	CWC	02/26/24	Gross Alpha/Beta	Gross Alpha	5.026E-015	6.209E-015	9.366E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272772	CWC	02/26/24	Gross Alpha/Beta	Gross Beta	4.752E-014	1.880E-014	2.482E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272773	CWC	02/26/24	Gross Alpha/Beta	Gross Alpha	3.769E-015	5.673E-015	9.366E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP272773	CWC	02/26/24	Gross Alpha/Beta	Gross Beta	4.119E-014	1.817E-014	2.482E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272777	CWC	02/27/24	Gross Alpha/Beta	Gross Alpha	1.256E-015	4.413E-015	9.366E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272777	CWC	02/27/24	Gross Alpha/Beta	Gross Beta	1.588E-014	1.555E-014	2.482E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272778	CWC	02/27/24	Gross Alpha/Beta	Gross Alpha	2.513E-015	5.081E-015	9.366E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272778	CWC	02/27/24	Gross Alpha/Beta	Gross Beta	2.696E-014	1.672E-014	2.482E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272782	CWC	02/28/24	Gross Alpha/Beta	Gross Alpha	1.256E-015	4.413E-015	9.366E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272782	CWC	02/28/24	Gross Alpha/Beta	Gross Beta	2.775E-014	1.680E-014	2.482E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272783	CWC	02/28/24	Gross Alpha/Beta	Gross Alpha	3.769E-015	5.673E-015	9.366E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272783	CWC	02/28/24	Gross Alpha/Beta	Gross Beta	2.458E-014	1.647E-014	2.482E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272784	CWC	02/28/24	Gross Alpha/Beta	Gross Alpha	6.292E-015	8.103E-015	1.226E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272784	CWC	02/28/24	Gross Alpha/Beta	Gross Beta	1.221E-014	1.631E-014	2.689E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272785	CWC	02/28/24	Gross Alpha/Beta	Gross Alpha	7.700E-016	4.426E-015	1.051E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272785	CWC	02/28/24	Gross Alpha/Beta	Gross Beta	7.520E-015	1.355E-014	2.305E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272786	CWC	02/29/24	Gross Alpha/Beta	Gross Alpha	5.992E-015	9.672E-015	1.634E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272786	CWC	02/29/24	Gross Alpha/Beta	Gross Beta	-1.27E-14	1.718E-014	3.585E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272787	CWC	02/29/24	Gross Alpha/Beta	Gross Alpha	2.157E-015	1.239E-014	2.942E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272787	CWC	02/29/24	Gross Alpha/Beta	Gross Beta	-1.19E-14	3.279E-014	6.453E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272791	CWC	02/29/24	Gross Alpha/Beta	Gross Alpha	-2.51E-15	7.500E-016	9.366E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272791	CWC	02/29/24	Gross Alpha/Beta	Gross Beta	1.114E-014	1.503E-014	2.482E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272792	CWC	02/29/24	Gross Alpha/Beta	Gross Alpha	1.256E-015	4.413E-015	9.366E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272792	CWC	02/29/24	Gross Alpha/Beta	Gross Beta	2.142E-014	1.614E-014	2.482E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272793	CWC	03/01/24	Gross Alpha/Beta	Gross Alpha	2.022E-015	4.721E-015	9.193E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272793	CWC	03/01/24	Gross Alpha/Beta	Gross Beta	2.031E-014	1.378E-014	2.017E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272794	CWC	03/01/24	Gross Alpha/Beta	Gross Alpha	7.415E-015	7.188E-015	9.193E-015	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272794	CWC	03/01/24	Gross Alpha/Beta	Gross Beta	5.035E-014	1.747E-014	2.017E-014	µCi/mL	=		Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272795	CWC	03/04/24	Gross Alpha/Beta	Gross Alpha	4.494E-015	7.254E-015	1.226E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272795	CWC	03/04/24	Gross Alpha/Beta	Gross Beta	1.221E-014	1.631E-014	2.689E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272796	CWC	03/04/24	Gross Alpha/Beta	Gross Alpha	-1.20E-15	4.942E-015	1.634E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272796	CWC	03/04/24	Gross Alpha/Beta	Gross Beta	4.069E-014	2.510E-014	3.585E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272800	CWC	03/04/24	Gross Alpha/Beta	Gross Alpha	3.479E-015	5.616E-015	9.489E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272800	CWC	03/04/24	Gross Alpha/Beta	Gross Beta	1.122E-014	1.288E-014	2.082E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272801	CWC	03/04/24	Gross Alpha/Beta	Gross Alpha	6.263E-015	6.870E-015	9.489E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272801	CWC	03/04/24	Gross Alpha/Beta	Gross Beta	1.920E-014	1.398E-014	2.082E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272802	CWC	03/05/24	Gross Alpha/Beta	Gross Alpha	9.800E-016	5.633E-015	1.337E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272802	CWC	03/05/24	Gross Alpha/Beta	Gross Beta	3.579E-014	2.086E-014	2.933E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272803	CWC	03/05/24	Gross Alpha/Beta	Gross Alpha	1.558E-014	1.366E-014	1.634E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272803	CWC	03/05/24	Gross Alpha/Beta	Gross Beta	3.459E-014	2.429E-014	3.585E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272810	CWC	03/07/24	Gross Alpha/Beta	Gross Alpha	-3.56E-15	3.790E-015	1.519E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272810	CWC	03/07/24	Gross Alpha/Beta	Gross Beta	3.607E-014	2.337E-014	3.482E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272811	CWC	03/07/24	Gross Alpha/Beta	Gross Alpha	1.409E-015	5.724E-015	1.201E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272811	CWC	03/07/24	Gross Alpha/Beta	Gross Beta	1.374E-014	1.683E-014	2.753E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272815	CWC	03/08/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	8.925E-015	2.151E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272815	CWC	03/08/24	Gross Alpha/Beta	Gross Beta	2.131E-014	2.978E-014	4.932E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP272816	CWC	03/08/24	Gross Alpha/Beta	Gross Alpha	2.885E-015	1.172E-014	2.459E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272816	CWC	03/08/24	Gross Alpha/Beta	Gross Beta	6.218E-014	3.825E-014	5.637E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272817	CWC	03/11/24	Gross Alpha/Beta	Gross Alpha	-2.89E-15	8.414E-015	2.459E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272817	CWC	03/11/24	Gross Alpha/Beta	Gross Beta	1.655E-015	3.136E-014	5.637E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272818	CWC	03/11/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	8.925E-015	2.151E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272818	CWC	03/11/24	Gross Alpha/Beta	Gross Beta	4.779E-014	3.275E-014	4.932E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272822	CWC	03/12/24	Gross Alpha/Beta	Gross Alpha	5.049E-015	2.051E-014	4.303E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272822	CWC	03/12/24	Gross Alpha/Beta	Gross Beta	1.121E-013	6.730E-014	9.865E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272823	CWC	03/12/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	1.661E-014	4.002E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272823	CWC	03/12/24	Gross Alpha/Beta	Gross Beta	1.135E-013	6.360E-014	9.176E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP272827	CWC	03/13/24	Gross Alpha/Beta	Gross Alpha	6.848E-015	1.204E-014	2.099E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP272827	CWC	03/13/24	Gross Alpha/Beta	Gross Beta	3.742E-014	3.179E-014	4.867E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP272834	CWC	03/15/24	Gross Alpha/Beta	Gross Alpha	-7.86E-16	2.785E-015	9.345E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272834	CWC	03/15/24	Gross Alpha/Beta	Gross Beta	1.384E-014	1.260E-014	1.959E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272835	CWC	03/15/24	Gross Alpha/Beta	Gross Alpha	3.258E-015	5.443E-015	9.345E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272835	CWC	03/15/24	Gross Alpha/Beta	Gross Beta	2.157E-014	1.367E-014	1.959E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272836	CWC	03/18/24	Gross Alpha/Beta	Gross Alpha	4.606E-015	6.079E-015	9.345E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272836	CWC	03/18/24	Gross Alpha/Beta	Gross Beta	2.157E-014	1.367E-014	1.959E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272837	CWC	03/18/24	Gross Alpha/Beta	Gross Alpha	3.258E-015	5.443E-015	9.345E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272837	CWC	03/18/24	Gross Alpha/Beta	Gross Beta	1.642E-014	1.296E-014	1.959E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272845	CWC	03/19/24	Gross Alpha/Beta	Gross Alpha	4.606E-015	6.079E-015	9.345E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272845	CWC	03/19/24	Gross Alpha/Beta	Gross Beta	3.616E-014	1.555E-014	1.959E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272846	CWC	03/19/24	Gross Alpha/Beta	Gross Alpha	1.910E-015	4.724E-015	9.345E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272846	CWC	03/19/24	Gross Alpha/Beta	Gross Beta	1.727E-014	1.308E-014	1.959E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272847	CWC	03/20/24	Gross Alpha/Beta	Gross Alpha	4.314E-015	5.821E-015	8.816E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP272847	CWC	03/20/24	Gross Alpha/Beta	Gross Beta	1.663E-014	1.348E-014	2.044E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP272848	CWC	03/20/24	Gross Alpha/Beta	Gross Alpha	8.346E-015	8.216E-015	1.068E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272848	CWC	03/20/24	Gross Alpha/Beta	Gross Beta	1.680E-014	1.454E-014	2.238E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272849	CWC	03/20/24	Gross Alpha/Beta	Gross Alpha	2.183E-015	5.398E-015	1.068E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272849	CWC	03/20/24	Gross Alpha/Beta	Gross Beta	1.974E-014	1.495E-014	2.238E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 24)(General Area)-Perimeter Air
SVP272853	CWC	03/21/24	Gross Alpha/Beta	Gross Alpha	8.628E-015	7.683E-015	8.816E-015	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP272853	CWC	03/21/24	Gross Alpha/Beta	Gross Beta	2.762E-014	1.499E-014	2.044E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP272857	CWC	03/25/24	Gross Alpha/Beta	Gross Alpha	4.978E-015	6.717E-015	1.017E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP272857	CWC	03/25/24	Gross Alpha/Beta	Gross Beta	1.919E-014	1.556E-014	2.359E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274555	CWC	03/26/24	Gross Alpha/Beta	Gross Alpha	2.876E-015	5.055E-015	8.816E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274555	CWC	03/26/24	Gross Alpha/Beta	Gross Beta	1.938E-014	1.387E-014	2.044E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274559	CWC	03/27/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	2.994E-015	8.816E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274559	CWC	03/27/24	Gross Alpha/Beta	Gross Beta	2.579E-014	1.475E-014	2.044E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274563	CWC	03/28/24	Gross Alpha/Beta	Gross Alpha	6.940E-015	7.713E-015	1.112E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274563	CWC	03/28/24	Gross Alpha/Beta	Gross Beta	1.085E-014	1.665E-014	2.778E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274567	CWC	04/01/24	Gross Alpha/Beta	Gross Alpha	5.504E-015	7.151E-015	1.112E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274567	CWC	04/01/24	Gross Alpha/Beta	Gross Beta	1.717E-014	1.735E-014	2.778E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274571	CWC	04/03/24	Gross Alpha/Beta	Gross Alpha	-3.05E-16	5.397E-015	1.416E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274571	CWC	04/03/24	Gross Alpha/Beta	Gross Beta	1.150E-014	2.093E-014	3.536E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274572	CWC	04/04/24	Gross Alpha/Beta	Gross Alpha	1.318E-015	4.114E-015	8.917E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274572	CWC	04/04/24	Gross Alpha/Beta	Gross Beta	4.921E-015	1.165E-014	2.030E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274573	CWC	04/08/24	Gross Alpha/Beta	Gross Alpha	8.509E-015	7.661E-015	8.917E-015	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274573	CWC	04/08/24	Gross Alpha/Beta	Gross Beta	9.499E-015	1.236E-014	2.030E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274574	CWC	04/09/24	Gross Alpha/Beta	Gross Alpha	4.194E-015	5.793E-015	8.917E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274574	CWC	04/09/24	Gross Alpha/Beta	Gross Beta	2.964E-014	1.520E-014	2.030E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP274603	CWC	05/01/24	Gross Alpha/Beta	Gross Alpha	8.823E-015	1.209E-014	1.902E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 10)(General Area)-Perimeter Air
SVP274603	CWC	05/01/24	Gross Alpha/Beta	Gross Beta	-2.18E-15	2.841E-014	5.173E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 10)(General Area)-Perimeter Air
SVP274701	CWC	06/12/24	Gross Alpha/Beta	Gross Alpha	6.211E-015	8.307E-015	1.324E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP274701	CWC	06/12/24	Gross Alpha/Beta	Gross Beta	4.858E-015	1.779E-014	3.107E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP274706	CWC	06/13/24	Gross Alpha/Beta	Gross Alpha	2.350E-014	2.150E-014	2.874E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP274706	CWC	06/13/24	Gross Alpha/Beta	Gross Beta	9.724E-014	4.818E-014	6.770E-014	µCi/mL	=		Coldwater Creek (Group 15)(General Area)-Perimeter Air
SVP274761	CWC	06/27/24	Gross Alpha/Beta	Gross Alpha	-1.40E-17	3.157E-015	9.399E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 12)(General Area)-Perimeter Air
SVP274761	CWC	06/27/24	Gross Alpha/Beta	Gross Beta	2.633E-014	1.957E-014	2.998E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 12)(General Area)-Perimeter Air
SVP276918	CWC	08/21/24	Gross Alpha/Beta	Gross Alpha	6.733E-015	2.048E-014	4.135E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP276918	CWC	08/21/24	Gross Alpha/Beta	Gross Beta	-2.55E-15	5.540E-014	1.006E-013	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP276926	CWC	08/22/24	Gross Alpha/Beta	Gross Alpha	1.272E-014	1.010E-014	1.254E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP276926	CWC	08/22/24	Gross Alpha/Beta	Gross Beta	3.851E-014	2.036E-014	2.910E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP277633	CWC	09/10/24	Gross Alpha/Beta	Gross Alpha	2.875E-015	5.816E-015	1.072E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 12)(General Area)-Perimeter Air
SVP277633	CWC	09/10/24	Gross Alpha/Beta	Gross Beta	1.310E-014	1.360E-014	2.165E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 12)(General Area)-Perimeter Air
SVP277639	CWC	09/11/24	Gross Alpha/Beta	Gross Alpha	4.039E-015	6.087E-015	1.006E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 12)(General Area)-Perimeter Air
SVP277639	CWC	09/11/24	Gross Alpha/Beta	Gross Beta	4.898E-014	1.739E-014	2.037E-014	µCi/mL	=		Coldwater Creek (Group 12)(General Area)-Perimeter Air
SVP277703	CWC	09/30/24	Gross Alpha/Beta	Gross Alpha	1.210E-016	4.460E-015	1.138E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP277703	CWC	09/30/24	Gross Alpha/Beta	Gross Beta	1.519E-014	1.830E-014	2.988E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP277709	CWC	10/02/24	Gross Alpha/Beta	Gross Alpha	8.887E-015	7.602E-015	9.254E-015	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP277709	CWC	10/02/24	Gross Alpha/Beta	Gross Beta	2.291E-014	1.618E-014	2.459E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP277725	CWC	10/07/24	Gross Alpha/Beta	Gross Alpha	1.050E-016	3.624E-015	9.240E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP277725	CWC	10/07/24	Gross Alpha/Beta	Gross Beta	-1.10E-15	1.333E-014	2.428E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278100	CWC	10/08/24	Gross Alpha/Beta	Gross Alpha	4.077E-015	5.331E-015	8.145E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP278100	CWC	10/08/24	Gross Alpha/Beta	Gross Beta	2.269E-014	1.544E-014	2.333E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP278112	CWC	10/10/24	Gross Alpha/Beta	Gross Alpha	5.602E-015	6.203E-015	8.638E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP278112	CWC	10/10/24	Gross Alpha/Beta	Gross Beta	-1.39E-15	1.364E-014	2.484E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP278181	CWC	10/28/24	Gross Alpha/Beta	Gross Alpha	3.870E-016	7.131E-015	1.683E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278181	CWC	10/28/24	Gross Alpha/Beta	Gross Beta	5.599E-014	2.834E-014	3.994E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278187	CWC	10/29/24	Gross Alpha/Beta	Gross Alpha	7.225E-015	7.955E-015	1.161E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278187	CWC	10/29/24	Gross Alpha/Beta	Gross Beta	4.758E-014	2.059E-014	2.780E-014	µCi/mL	=		Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278193	CWC	10/30/24	Gross Alpha/Beta	Gross Alpha	1.603E-015	5.465E-015	1.122E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278193	CWC	10/30/24	Gross Alpha/Beta	Gross Beta	3.888E-014	1.908E-014	2.668E-014	µCi/mL	=		Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278198	CWC	10/31/24	Gross Alpha/Beta	Gross Alpha	-2.03E-15	7.347E-015	2.103E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278198	CWC	10/31/24	Gross Alpha/Beta	Gross Beta	5.382E-014	3.366E-014	4.990E-014	µCi/mL	J	T04, T20	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278201	CWC	11/06/24	Gross Alpha/Beta	Gross Alpha	1.862E-015	6.306E-015	1.293E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278201	CWC	11/06/24	Gross Alpha/Beta	Gross Beta	2.551E-014	1.995E-014	3.078E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 16)(General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278204	CWC	11/07/24	Gross Alpha/Beta	Gross Alpha	5.653E-015	7.197E-015	1.121E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278204	CWC	11/07/24	Gross Alpha/Beta	Gross Beta	2.061E-014	1.720E-014	2.683E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278212	CWC	11/12/24	Gross Alpha/Beta	Gross Alpha	8.090E-016	1.426E-014	3.362E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278212	CWC	11/12/24	Gross Alpha/Beta	Gross Beta	5.372E-014	5.040E-014	7.987E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278243	CWC	11/19/24	Gross Alpha/Beta	Gross Alpha	-1.15E-15	4.198E-015	1.201E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278243	CWC	11/19/24	Gross Alpha/Beta	Gross Beta	1.941E-014	1.799E-014	2.852E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278249	CWC	11/20/24	Gross Alpha/Beta	Gross Alpha	1.622E-015	5.465E-015	1.120E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278249	CWC	11/20/24	Gross Alpha/Beta	Gross Beta	7.988E-015	1.570E-014	2.668E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278250	CWC	11/21/24	Gross Alpha/Beta	Gross Alpha	4.313E-015	6.668E-015	1.120E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278250	CWC	11/21/24	Gross Alpha/Beta	Gross Beta	1.111E-014	1.612E-014	2.678E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278262	CWC	11/25/24	Gross Alpha/Beta	Gross Alpha	2.074E-015	4.720E-015	9.121E-015	µCi/mL	UJ	T06	Coldwater Creek (Group 10)(General Area)-Perimeter Air
SVP278262	CWC	11/25/24	Gross Alpha/Beta	Gross Beta	4.403E-014	1.650E-014	1.958E-014	µCi/mL	=		Coldwater Creek (Group 10)(General Area)-Perimeter Air
SVP278268	CWC	11/26/24	Gross Alpha/Beta	Gross Alpha	1.097E-014	1.741E-014	2.917E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 10)(General Area)-Perimeter Air
SVP278268	CWC	11/26/24	Gross Alpha/Beta	Gross Beta	-2.61E-15	3.329E-014	6.289E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 10)(General Area)-Perimeter Air
SVP278276	CWC	11/27/24	Gross Alpha/Beta	Gross Alpha	-2.00E-15	7.347E-015	2.100E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278276	CWC	11/27/24	Gross Alpha/Beta	Gross Beta	5.824E-015	2.827E-014	4.990E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278298	CWC	12/04/24	Gross Alpha/Beta	Gross Alpha	9.950E-016	5.477E-015	1.181E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP278298	CWC	12/04/24	Gross Alpha/Beta	Gross Beta	2.346E-014	1.701E-014	2.584E-014	µCi/mL	UJ	T04, T05	Coldwater Creek (Group 14)(General Area)-Perimeter Air
SVP278302	CWC	12/05/24	Gross Alpha/Beta	Gross Alpha	-4.22E-15	9.843E-015	2.950E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278302	CWC	12/05/24	Gross Alpha/Beta	Gross Beta	2.658E-014	3.871E-014	6.451E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 13)(General Area)-Perimeter Air
SVP278319	CWC	12/10/24	Gross Alpha/Beta	Gross Alpha	-2.90E-15	6.750E-015	2.023E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278319	CWC	12/10/24	Gross Alpha/Beta	Gross Beta	2.730E-014	2.760E-014	4.424E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278321	CWC	12/11/24	Gross Alpha/Beta	Gross Alpha	2.517E-015	6.541E-015	1.264E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278321	CWC	12/11/24	Gross Alpha/Beta	Gross Beta	1.167E-014	1.672E-014	2.775E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278324	CWC	12/12/24	Gross Alpha/Beta	Gross Alpha	-4.22E-16	5.898E-015	1.394E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278324	CWC	12/12/24	Gross Alpha/Beta	Gross Beta	1.720E-015	1.651E-014	2.941E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278336	CWC	12/18/24	Gross Alpha/Beta	Gross Alpha	-6.05E-15	4.013E-015	1.774E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278336	CWC	12/18/24	Gross Alpha/Beta	Gross Beta	7.851E-015	2.155E-014	3.743E-014	µCi/mL	UJ	T06	Coldwater Creek (Group 16)(General Area)-Perimeter Air
SVP278345	FROST AVE.	12/24/24	Gross Alpha/Beta	Gross Alpha	2.499E-015	5.392E-015	1.024E-014	µCi/mL	UJ	T06	Frost Ave (General Area)-Perimeter Air
SVP278345	FROST AVE.	12/24/24	Gross Alpha/Beta	Gross Beta	4.224E-014	1.791E-014	2.244E-014	µCi/mL	=		Frost Ave (General Area)-Perimeter Air
SVP280122	FROST AVE.	12/26/24	Gross Alpha/Beta	Gross Alpha	6.367E-015	1.372E-014	2.606E-014	µCi/mL	UJ	T06	Frost Ave (General Area)-Perimeter Air
SVP280122	FROST AVE.	12/26/24	Gross Alpha/Beta	Gross Beta	5.759E-014	3.914E-014	5.713E-014	µCi/mL	J	T04, T20	Frost Ave (General Area)-Perimeter Air
SVP272841	FUTURA	03/19/24	Gross Alpha/Beta	Gross Alpha	-4.50E-15	1.415E-015	1.809E-014	µCi/mL	UJ	T06	Futura (General Area)-Perimeter Air
SVP272841	FUTURA	03/19/24	Gross Alpha/Beta	Gross Beta	1.285E-014	2.902E-014	4.962E-014	µCi/mL	UJ	T06	Futura (General Area)-Perimeter Air
SLA278481	LOADOUT_LO_EAST	12/31/24	Gross Alpha/Beta	Gross Alpha	-2.53E-16	3.421E-015	9.107E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278481	LOADOUT_LO_EAST	12/31/24	Gross Alpha/Beta	Gross Beta	1.235E-014	1.432E-014	2.331E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278479	LOADOUT_LO_RAMP	12/31/24	Gross Alpha/Beta	Gross Alpha	-2.62E-15	7.440E-016	9.105E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278479	LOADOUT_LO_RAMP	12/31/24	Gross Alpha/Beta	Gross Beta	8.977E-015	1.391E-014	2.331E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278480	LOADOUT_LO_SPUR	12/31/24	Gross Alpha/Beta	Gross Alpha	-2.43E-16	3.421E-015	9.100E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278480	LOADOUT_LO_SPUR	12/31/24	Gross Alpha/Beta	Gross Beta	-7.01E-15	1.212E-014	2.331E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SVP274598	MCDONNELL BLVD	04/30/24	Gross Alpha/Beta	Gross Alpha	3.267E-015	5.368E-015	9.198E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274598	MCDONNELL BLVD	04/30/24	Gross Alpha/Beta	Gross Beta	2.914E-014	1.663E-014	2.423E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274599	MCDONNELL BLVD	04/30/24	Gross Alpha/Beta	Gross Alpha	1.158E-014	8.309E-015	9.198E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274599	MCDONNELL BLVD	04/30/24	Gross Alpha/Beta	Gross Beta	1.045E-014	1.463E-014	2.423E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274607	MCDONNELL BLVD	05/01/24	Gross Alpha/Beta	Gross Alpha	5.643E-015	6.342E-015	9.198E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274607	MCDONNELL BLVD	05/01/24	Gross Alpha/Beta	Gross Beta	2.602E-014	1.631E-014	2.423E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274608	MCDONNELL BLVD	05/01/24	Gross Alpha/Beta	Gross Alpha	-2.97E-16	3.438E-015	9.198E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274608	MCDONNELL BLVD	05/01/24	Gross Alpha/Beta	Gross Beta	3.240E-016	1.349E-014	2.423E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274612	MCDONNELL BLVD	05/02/24	Gross Alpha/Beta	Gross Alpha	-2.84E-15	8.020E-016	9.773E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274612	MCDONNELL BLVD	05/02/24	Gross Alpha/Beta	Gross Beta	5.310E-015	1.490E-014	2.575E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274613	MCDONNELL BLVD	05/02/24	Gross Alpha/Beta	Gross Alpha	7.258E-015	7.203E-015	9.773E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274613	MCDONNELL BLVD	05/02/24	Gross Alpha/Beta	Gross Beta	4.503E-014	1.910E-014	2.575E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274614	MCDONNELL BLVD	05/06/24	Gross Alpha/Beta	Gross Alpha	-2.75E-15	7.780E-016	9.477E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274614	MCDONNELL BLVD	05/06/24	Gross Alpha/Beta	Gross Beta	1.638E-014	1.569E-014	2.497E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274615	MCDONNELL BLVD	05/06/24	Gross Alpha/Beta	Gross Alpha	3.366E-015	5.531E-015	9.477E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274615	MCDONNELL BLVD	05/06/24	Gross Alpha/Beta	Gross Beta	4.346E-015	1.436E-014	2.497E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274619	MCDONNELL BLVD	05/07/24	Gross Alpha/Beta	Gross Alpha	-3.06E-16	3.542E-015	9.477E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274619	MCDONNELL BLVD	05/07/24	Gross Alpha/Beta	Gross Beta	-1.01E-14	1.266E-014	2.497E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274620	MCDONNELL BLVD	05/07/24	Gross Alpha/Beta	Gross Alpha	3.366E-015	5.531E-015	9.477E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274620	MCDONNELL BLVD	05/07/24	Gross Alpha/Beta	Gross Beta	9.963E-015	1.499E-014	2.497E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274625	MCDONNELL BLVD	05/08/24	Gross Alpha/Beta	Gross Alpha	1.976E-015	9.268E-015	2.040E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274625	MCDONNELL BLVD	05/08/24	Gross Alpha/Beta	Gross Beta	4.216E-014	3.451E-014	5.373E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274626	MCDONNELL BLVD	05/08/24	Gross Alpha/Beta	Gross Alpha	7.244E-015	1.190E-014	2.040E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274626	MCDONNELL BLVD	05/08/24	Gross Alpha/Beta	Gross Beta	3.698E-014	3.395E-014	5.373E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274628	MCDONNELL BLVD	05/09/24	Gross Alpha/Beta	Gross Alpha	9.470E-016	4.441E-015	9.773E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274628	MCDONNELL BLVD	05/09/24	Gross Alpha/Beta	Gross Beta	2.103E-014	1.662E-014	2.575E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274629	MCDONNELL BLVD	05/09/24	Gross Alpha/Beta	Gross Alpha	-3.16E-16	3.653E-015	9.773E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274629	MCDONNELL BLVD	05/09/24	Gross Alpha/Beta	Gross Beta	3.675E-014	1.827E-014	2.575E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274631	MCDONNELL BLVD	05/10/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	3.774E-015	9.746E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274631	MCDONNELL BLVD	05/10/24	Gross Alpha/Beta	Gross Beta	3.711E-015	1.074E-014	1.894E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274632	MCDONNELL BLVD	05/10/24	Gross Alpha/Beta	Gross Alpha	2.614E-015	5.287E-015	9.747E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274632	MCDONNELL BLVD	05/10/24	Gross Alpha/Beta	Gross Beta	1.080E-014	1.188E-014	1.908E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274633	MCDONNELL BLVD	05/13/24	Gross Alpha/Beta	Gross Alpha	1.252E-014	9.315E-015	1.038E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274633	MCDONNELL BLVD	05/13/24	Gross Alpha/Beta	Gross Beta	4.809E-014	1.758E-014	2.080E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274634	MCDONNELL BLVD	05/13/24	Gross Alpha/Beta	Gross Alpha	2.611E-015	5.287E-015	9.750E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274634	MCDONNELL BLVD	05/13/24	Gross Alpha/Beta	Gross Beta	3.660E-014	1.530E-014	1.908E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274635	MCDONNELL BLVD	05/13/24	Gross Alpha/Beta	Gross Alpha	3.920E-015	5.903E-015	9.748E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274635	MCDONNELL BLVD	05/13/24	Gross Alpha/Beta	Gross Beta	1.725E-014	1.283E-014	1.914E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274638	MCDONNELL BLVD	05/15/24	Gross Alpha/Beta	Gross Alpha	1.046E-014	8.341E-015	9.749E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274638	MCDONNELL BLVD	05/15/24	Gross Alpha/Beta	Gross Beta	2.540E-014	1.407E-014	1.948E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274639	MCDONNELL BLVD	05/15/24	Gross Alpha/Beta	Gross Alpha	-1.31E-15	2.723E-015	9.747E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274639	MCDONNELL BLVD	05/15/24	Gross Alpha/Beta	Gross Beta	1.224E-014	1.199E-014	1.894E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274640	MCDONNELL BLVD	05/16/24	Gross Alpha/Beta	Gross Alpha	-9.59E-15	2.632E-015	3.173E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274640	MCDONNELL BLVD	05/16/24	Gross Alpha/Beta	Gross Beta	7.555E-014	5.194E-014	7.888E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274641	MCDONNELL BLVD	05/16/24	Gross Alpha/Beta	Gross Alpha	-5.55E-15	8.440E-015	3.171E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274641	MCDONNELL BLVD	05/16/24	Gross Alpha/Beta	Gross Beta	4.458E-014	4.869E-014	7.888E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274642	MCDONNELL BLVD	05/16/24	Gross Alpha/Beta	Gross Alpha	-7.88E-15	1.206E-014	4.526E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274642	MCDONNELL BLVD	05/16/24	Gross Alpha/Beta	Gross Beta	-3.03E-14	5.882E-014	1.127E-013	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274643	MCDONNELL BLVD	05/20/24	Gross Alpha/Beta	Gross Alpha	4.532E-015	6.216E-015	9.924E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274643	MCDONNELL BLVD	05/20/24	Gross Alpha/Beta	Gross Beta	4.148E-014	1.819E-014	2.481E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274644	MCDONNELL BLVD	05/20/24	Gross Alpha/Beta	Gross Alpha	-4.70E-16	3.531E-015	9.615E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274644	MCDONNELL BLVD	05/20/24	Gross Alpha/Beta	Gross Beta	2.407E-014	1.591E-014	2.390E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274645	MCDONNELL BLVD	05/20/24	Gross Alpha/Beta	Gross Alpha	1.963E-015	4.936E-015	9.619E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274645	MCDONNELL BLVD	05/20/24	Gross Alpha/Beta	Gross Beta	3.138E-014	1.671E-014	2.397E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274646	MCDONNELL BLVD	05/21/24	Gross Alpha/Beta	Gross Alpha	-4.91E-16	3.641E-015	9.922E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274646	MCDONNELL BLVD	05/21/24	Gross Alpha/Beta	Gross Beta	3.669E-014	1.763E-014	2.465E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274647	MCDONNELL BLVD	05/21/24	Gross Alpha/Beta	Gross Alpha	7.520E-016	4.290E-015	9.611E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274647	MCDONNELL BLVD	05/21/24	Gross Alpha/Beta	Gross Beta	1.852E-014	1.534E-014	2.393E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274648	MCDONNELL BLVD	05/21/24	Gross Alpha/Beta	Gross Alpha	5.619E-015	6.507E-015	9.618E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274648	MCDONNELL BLVD	05/21/24	Gross Alpha/Beta	Gross Beta	3.007E-014	1.663E-014	2.410E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274649	MCDONNELL BLVD	05/22/24	Gross Alpha/Beta	Gross Alpha	8.940E-016	5.056E-015	1.132E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274649	MCDONNELL BLVD	05/22/24	Gross Alpha/Beta	Gross Beta	7.363E-015	1.650E-014	2.820E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274650	MCDONNELL BLVD	05/22/24	Gross Alpha/Beta	Gross Alpha	8.930E-016	5.056E-015	1.132E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274650	MCDONNELL BLVD	05/22/24	Gross Alpha/Beta	Gross Beta	8.267E-015	1.660E-014	2.820E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274651	MCDONNELL BLVD	05/22/24	Gross Alpha/Beta	Gross Alpha	-5.77E-16	4.424E-015	1.204E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274651	MCDONNELL BLVD	05/22/24	Gross Alpha/Beta	Gross Beta	9.015E-015	1.764E-014	2.995E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274652	MCDONNELL BLVD	05/22/24	Gross Alpha/Beta	Gross Alpha	-5.76E-16	4.424E-015	1.204E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274652	MCDONNELL BLVD	05/22/24	Gross Alpha/Beta	Gross Beta	6.132E-015	1.732E-014	2.995E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274653	MCDONNELL BLVD	05/23/24	Gross Alpha/Beta	Gross Alpha	4.267E-015	5.850E-015	9.339E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274653	MCDONNELL BLVD	05/23/24	Gross Alpha/Beta	Gross Beta	3.681E-014	1.690E-014	2.335E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274654	MCDONNELL BLVD	05/23/24	Gross Alpha/Beta	Gross Alpha	1.020E-014	7.917E-015	9.321E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274654	MCDONNELL BLVD	05/23/24	Gross Alpha/Beta	Gross Beta	3.924E-015	1.354E-014	2.355E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274655	MCDONNELL BLVD	05/23/24	Gross Alpha/Beta	Gross Alpha	3.320E-015	5.275E-015	8.842E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274655	MCDONNELL BLVD	05/23/24	Gross Alpha/Beta	Gross Beta	2.546E-014	1.404E-014	1.939E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274656	MCDONNELL BLVD	05/23/24	Gross Alpha/Beta	Gross Alpha	7.050E-016	3.754E-015	8.843E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274656	MCDONNELL BLVD	05/23/24	Gross Alpha/Beta	Gross Beta	2.587E-014	1.403E-014	1.926E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274657	MCDONNELL BLVD	05/28/24	Gross Alpha/Beta	Gross Alpha	4.772E-015	6.077E-015	9.119E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274657	MCDONNELL BLVD	05/28/24	Gross Alpha/Beta	Gross Beta	2.519E-014	1.437E-014	2.007E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274658	MCDONNELL BLVD	05/28/24	Gross Alpha/Beta	Gross Alpha	7.270E-016	3.871E-015	9.119E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274658	MCDONNELL BLVD	05/28/24	Gross Alpha/Beta	Gross Beta	2.925E-014	1.480E-014	1.986E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274659	MCDONNELL BLVD	05/28/24	Gross Alpha/Beta	Gross Alpha	-6.13E-16	2.749E-015	9.024E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274659	MCDONNELL BLVD	05/28/24	Gross Alpha/Beta	Gross Beta	1.811E-014	1.319E-014	1.962E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274660	MCDONNELL BLVD	05/28/24	Gross Alpha/Beta	Gross Alpha	2.054E-015	4.671E-015	9.025E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274660	MCDONNELL BLVD	05/28/24	Gross Alpha/Beta	Gross Beta	2.619E-014	1.432E-014	1.973E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274661	MCDONNELL BLVD	05/29/24	Gross Alpha/Beta	Gross Alpha	-1.91E-15	6.610E-016	8.839E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274661	MCDONNELL BLVD	05/29/24	Gross Alpha/Beta	Gross Beta	2.133E-015	1.060E-014	1.922E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274662	MCDONNELL BLVD	05/29/24	Gross Alpha/Beta	Gross Alpha	7.080E-016	3.754E-015	8.839E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274662	MCDONNELL BLVD	05/29/24	Gross Alpha/Beta	Gross Beta	8.960E-016	1.048E-014	1.926E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274663	MCDONNELL BLVD	05/29/24	Gross Alpha/Beta	Gross Alpha	3.425E-015	5.440E-015	9.117E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274663	MCDONNELL BLVD	05/29/24	Gross Alpha/Beta	Gross Beta	1.167E-014	1.250E-014	2.000E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274664	MCDONNELL BLVD	05/29/24	Gross Alpha/Beta	Gross Alpha	6.123E-015	6.654E-015	9.115E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274664	MCDONNELL BLVD	05/29/24	Gross Alpha/Beta	Gross Beta	9.490E-016	1.098E-014	2.013E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274665	MCDONNELL BLVD	05/30/24	Gross Alpha/Beta	Gross Alpha	3.425E-015	5.440E-015	9.117E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274665	MCDONNELL BLVD	05/30/24	Gross Alpha/Beta	Gross Beta	1.252E-014	1.262E-014	2.000E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274666	MCDONNELL BLVD	05/30/24	Gross Alpha/Beta	Gross Alpha	2.076E-015	4.720E-015	9.118E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274666	MCDONNELL BLVD	05/30/24	Gross Alpha/Beta	Gross Beta	2.132E-014	1.380E-014	1.993E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274667	MCDONNELL BLVD	05/30/24	Gross Alpha/Beta	Gross Alpha	1.916E-015	4.357E-015	8.417E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274667	MCDONNELL BLVD	05/30/24	Gross Alpha/Beta	Gross Beta	2.285E-014	1.315E-014	1.840E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274668	MCDONNELL BLVD	05/30/24	Gross Alpha/Beta	Gross Alpha	6.740E-016	3.573E-015	8.414E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274668	MCDONNELL BLVD	05/30/24	Gross Alpha/Beta	Gross Beta	6.100E-017	9.852E-015	1.833E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274669	MCDONNELL BLVD	05/31/24	Gross Alpha/Beta	Gross Alpha	3.825E-015	5.234E-015	8.348E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274669	MCDONNELL BLVD	05/31/24	Gross Alpha/Beta	Gross Beta	1.895E-014	1.368E-014	2.089E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274670	MCDONNELL BLVD	05/31/24	Gross Alpha/Beta	Gross Alpha	-1.46E-15	2.221E-015	8.347E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274670	MCDONNELL BLVD	05/31/24	Gross Alpha/Beta	Gross Beta	1.573E-014	1.325E-014	2.076E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274671	MCDONNELL BLVD	05/31/24	Gross Alpha/Beta	Gross Alpha	-1.70E-15	2.587E-015	9.720E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274671	MCDONNELL BLVD	05/31/24	Gross Alpha/Beta	Gross Beta	1.599E-014	1.518E-014	2.418E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274672	MCDONNELL BLVD	05/31/24	Gross Alpha/Beta	Gross Alpha	-4.75E-16	3.571E-015	9.726E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274672	MCDONNELL BLVD	05/31/24	Gross Alpha/Beta	Gross Beta	2.512E-014	1.617E-014	2.418E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274673	MCDONNELL BLVD	06/03/24	Gross Alpha/Beta	Gross Alpha	-1.68E-15	2.558E-015	9.610E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274673	MCDONNELL BLVD	06/03/24	Gross Alpha/Beta	Gross Beta	1.504E-014	1.492E-014	2.390E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274674	MCDONNELL BLVD	06/03/24	Gross Alpha/Beta	Gross Alpha	5.620E-015	6.507E-015	9.617E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274674	MCDONNELL BLVD	06/03/24	Gross Alpha/Beta	Gross Beta	2.777E-014	1.640E-014	2.410E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274675	MCDONNELL BLVD	06/03/24	Gross Alpha/Beta	Gross Alpha	7.720E-016	4.424E-015	9.915E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274675	MCDONNELL BLVD	06/03/24	Gross Alpha/Beta	Gross Beta	2.543E-014	1.649E-014	2.468E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274676	MCDONNELL BLVD	06/03/24	Gross Alpha/Beta	Gross Alpha	2.028E-015	5.090E-015	9.915E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274676	MCDONNELL BLVD	06/03/24	Gross Alpha/Beta	Gross Beta	2.524E-014	1.649E-014	2.472E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274677	MCDONNELL BLVD	06/04/24	Gross Alpha/Beta	Gross Alpha	-4.75E-16	3.641E-015	9.906E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274677	MCDONNELL BLVD	06/04/24	Gross Alpha/Beta	Gross Beta	8.210E-015	1.461E-014	2.465E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274678	MCDONNELL BLVD	06/04/24	Gross Alpha/Beta	Gross Alpha	-4.76E-16	3.641E-015	9.906E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274678	MCDONNELL BLVD	06/04/24	Gross Alpha/Beta	Gross Beta	9.001E-015	1.470E-014	2.465E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274679	MCDONNELL BLVD	06/04/24	Gross Alpha/Beta	Gross Alpha	7.290E-016	4.164E-015	9.330E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274679	MCDONNELL BLVD	06/04/24	Gross Alpha/Beta	Gross Beta	1.946E-014	1.505E-014	2.323E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274680	MCDONNELL BLVD	06/04/24	Gross Alpha/Beta	Gross Alpha	3.089E-015	5.346E-015	9.335E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274680	MCDONNELL BLVD	06/04/24	Gross Alpha/Beta	Gross Beta	2.879E-014	1.606E-014	2.331E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274681	MCDONNELL BLVD	06/05/24	Gross Alpha/Beta	Gross Alpha	7.730E-016	4.379E-015	9.803E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274681	MCDONNELL BLVD	06/05/24	Gross Alpha/Beta	Gross Beta	7.159E-015	1.437E-014	2.442E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274682	MCDONNELL BLVD	06/05/24	Gross Alpha/Beta	Gross Alpha	-1.72E-15	2.611E-015	9.810E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274682	MCDONNELL BLVD	06/05/24	Gross Alpha/Beta	Gross Beta	1.927E-014	1.565E-014	2.440E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274683	MCDONNELL BLVD	06/05/24	Gross Alpha/Beta	Gross Alpha	2.026E-015	5.090E-015	9.917E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274683	MCDONNELL BLVD	06/05/24	Gross Alpha/Beta	Gross Beta	2.920E-014	1.690E-014	2.472E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274684	MCDONNELL BLVD	06/05/24	Gross Alpha/Beta	Gross Alpha	1.616E-015	4.406E-015	8.922E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274684	MCDONNELL BLVD	06/05/24	Gross Alpha/Beta	Gross Beta	1.248E-014	1.479E-014	2.410E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274685	MCDONNELL BLVD	06/06/24	Gross Alpha/Beta	Gross Alpha	-2.20E-17	4.463E-015	1.078E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274685	MCDONNELL BLVD	06/06/24	Gross Alpha/Beta	Gross Beta	3.617E-014	1.788E-014	2.506E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274686	MCDONNELL BLVD	06/06/24	Gross Alpha/Beta	Gross Alpha	3.770E-015	6.255E-015	1.077E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274686	MCDONNELL BLVD	06/06/24	Gross Alpha/Beta	Gross Beta	2.648E-014	1.693E-014	2.520E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274687	MCDONNELL BLVD	06/06/24	Gross Alpha/Beta	Gross Alpha	-1.24E-15	3.570E-015	1.045E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274687	MCDONNELL BLVD	06/06/24	Gross Alpha/Beta	Gross Beta	2.804E-014	1.658E-014	2.430E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274688	MCDONNELL BLVD	06/06/24	Gross Alpha/Beta	Gross Alpha	9.771E-015	8.199E-015	1.045E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274688	MCDONNELL BLVD	06/06/24	Gross Alpha/Beta	Gross Beta	3.357E-014	1.735E-014	2.466E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274689	MCDONNELL BLVD	06/07/24	Gross Alpha/Beta	Gross Alpha	5.929E-015	6.788E-015	1.013E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274689	MCDONNELL BLVD	06/07/24	Gross Alpha/Beta	Gross Beta	1.833E-014	1.527E-014	2.381E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274690	MCDONNELL BLVD	06/07/24	Gross Alpha/Beta	Gross Alpha	1.662E-014	9.913E-015	1.014E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274690	MCDONNELL BLVD	06/07/24	Gross Alpha/Beta	Gross Beta	2.603E-014	1.629E-014	2.420E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274691	MCDONNELL BLVD	06/07/24	Gross Alpha/Beta	Gross Alpha	2.510E-015	5.719E-015	1.077E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274691	MCDONNELL BLVD	06/07/24	Gross Alpha/Beta	Gross Beta	2.420E-014	1.666E-014	2.515E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274692	MCDONNELL BLVD	06/07/24	Gross Alpha/Beta	Gross Alpha	3.777E-015	6.255E-015	1.077E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274692	MCDONNELL BLVD	06/07/24	Gross Alpha/Beta	Gross Beta	1.490E-014	1.567E-014	2.520E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274693	MCDONNELL BLVD	06/10/24	Gross Alpha/Beta	Gross Alpha	3.770E-015	6.255E-015	1.077E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274693	MCDONNELL BLVD	06/10/24	Gross Alpha/Beta	Gross Beta	2.731E-014	1.702E-014	2.520E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274694	MCDONNELL BLVD	06/10/24	Gross Alpha/Beta	Gross Alpha	5.033E-015	6.750E-015	1.077E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274694	MCDONNELL BLVD	06/10/24	Gross Alpha/Beta	Gross Beta	2.629E-014	1.693E-014	2.525E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274695	MCDONNELL BLVD	06/10/24	Gross Alpha/Beta	Gross Alpha	1.185E-015	4.827E-015	1.013E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274695	MCDONNELL BLVD	06/10/24	Gross Alpha/Beta	Gross Beta	4.263E-015	1.359E-014	2.363E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274696	MCDONNELL BLVD	06/10/24	Gross Alpha/Beta	Gross Alpha	1.175E-015	4.827E-015	1.014E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274696	MCDONNELL BLVD	06/10/24	Gross Alpha/Beta	Gross Beta	2.062E-014	1.542E-014	2.363E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274697	MCDONNELL BLVD	06/11/24	Gross Alpha/Beta	Gross Alpha	1.222E-014	8.917E-015	1.044E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274697	MCDONNELL BLVD	06/11/24	Gross Alpha/Beta	Gross Beta	2.436E-014	1.643E-014	2.475E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274698	MCDONNELL BLVD	06/11/24	Gross Alpha/Beta	Gross Alpha	4.884E-015	6.545E-015	1.044E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274698	MCDONNELL BLVD	06/11/24	Gross Alpha/Beta	Gross Beta	1.907E-014	1.573E-014	2.448E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274699	MCDONNELL BLVD	06/11/24	Gross Alpha/Beta	Gross Alpha	2.438E-015	5.545E-015	1.044E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274699	MCDONNELL BLVD	06/11/24	Gross Alpha/Beta	Gross Beta	1.704E-014	1.546E-014	2.439E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274700	MCDONNELL BLVD	06/11/24	Gross Alpha/Beta	Gross Alpha	6.100E-015	6.994E-015	1.045E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274700	MCDONNELL BLVD	06/11/24	Gross Alpha/Beta	Gross Beta	3.253E-014	1.718E-014	2.453E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274702	MCDONNELL BLVD	06/12/24	Gross Alpha/Beta	Gross Alpha	2.428E-015	5.545E-015	1.045E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274702	MCDONNELL BLVD	06/12/24	Gross Alpha/Beta	Gross Beta	3.309E-014	1.718E-014	2.439E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274703	MCDONNELL BLVD	06/12/24	Gross Alpha/Beta	Gross Alpha	-1.23E-15	3.570E-015	1.044E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274703	MCDONNELL BLVD	06/12/24	Gross Alpha/Beta	Gross Beta	1.199E-014	1.482E-014	2.430E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274704	MCDONNELL BLVD	06/12/24	Gross Alpha/Beta	Gross Alpha	4.741E-015	6.353E-015	1.013E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274704	MCDONNELL BLVD	06/12/24	Gross Alpha/Beta	Gross Beta	1.696E-014	1.509E-014	2.376E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274705	MCDONNELL BLVD	06/12/24	Gross Alpha/Beta	Gross Alpha	-1.20E-15	3.465E-015	1.014E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274705	MCDONNELL BLVD	06/12/24	Gross Alpha/Beta	Gross Beta	2.332E-014	1.567E-014	2.359E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274707	MCDONNELL BLVD	06/13/24	Gross Alpha/Beta	Gross Alpha	1.233E-015	3.592E-015	7.655E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274707	MCDONNELL BLVD	06/13/24	Gross Alpha/Beta	Gross Beta	4.335E-014	1.820E-014	2.441E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274708	MCDONNELL BLVD	06/13/24	Gross Alpha/Beta	Gross Alpha	2.497E-015	4.387E-015	7.643E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274708	MCDONNELL BLVD	06/13/24	Gross Alpha/Beta	Gross Beta	2.893E-014	1.674E-014	2.445E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274709	MCDONNELL BLVD	06/13/24	Gross Alpha/Beta	Gross Alpha	6.070E-015	6.007E-015	7.422E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274709	MCDONNELL BLVD	06/13/24	Gross Alpha/Beta	Gross Beta	4.055E-014	1.758E-014	2.384E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274710	MCDONNELL BLVD	06/13/24	Gross Alpha/Beta	Gross Alpha	4.863E-015	5.484E-015	7.405E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274710	MCDONNELL BLVD	06/13/24	Gross Alpha/Beta	Gross Beta	2.002E-014	1.543E-014	2.379E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274711	MCDONNELL BLVD	06/14/24	Gross Alpha/Beta	Gross Alpha	4.861E-015	5.484E-015	7.407E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274711	MCDONNELL BLVD	06/14/24	Gross Alpha/Beta	Gross Beta	2.309E-014	1.576E-014	2.379E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274712	MCDONNELL BLVD	06/14/24	Gross Alpha/Beta	Gross Alpha	1.209E-015	3.483E-015	7.403E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274712	MCDONNELL BLVD	06/14/24	Gross Alpha/Beta	Gross Beta	1.749E-014	1.509E-014	2.367E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274713	MCDONNELL BLVD	06/14/24	Gross Alpha/Beta	Gross Alpha	8.772E-015	7.157E-015	7.655E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274713	MCDONNELL BLVD	06/14/24	Gross Alpha/Beta	Gross Beta	4.303E-014	1.829E-014	2.467E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274714	MCDONNELL BLVD	06/14/24	Gross Alpha/Beta	Gross Alpha	1.274E-015	3.708E-015	7.901E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274714	MCDONNELL BLVD	06/14/24	Gross Alpha/Beta	Gross Beta	4.312E-014	1.862E-014	2.519E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274715	MCDONNELL BLVD	06/17/24	Gross Alpha/Beta	Gross Alpha	3.643E-015	4.907E-015	7.406E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274715	MCDONNELL BLVD	06/17/24	Gross Alpha/Beta	Gross Beta	2.174E-014	1.559E-014	2.375E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274716	MCDONNELL BLVD	06/17/24	Gross Alpha/Beta	Gross Alpha	1.338E-014	8.517E-015	7.415E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274716	MCDONNELL BLVD	06/17/24	Gross Alpha/Beta	Gross Beta	3.180E-014	1.681E-014	2.409E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274717	MCDONNELL BLVD	06/17/24	Gross Alpha/Beta	Gross Alpha	4.715E-015	5.323E-015	7.195E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274717	MCDONNELL BLVD	06/17/24	Gross Alpha/Beta	Gross Beta	2.837E-014	1.592E-014	2.309E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274718	MCDONNELL BLVD	06/17/24	Gross Alpha/Beta	Gross Alpha	7.082E-015	6.299E-015	7.192E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274718	MCDONNELL BLVD	06/17/24	Gross Alpha/Beta	Gross Beta	2.504E-014	1.561E-014	2.318E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274719	MCDONNELL BLVD	06/18/24	Gross Alpha/Beta	Gross Alpha	5.904E-015	5.831E-015	7.184E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274719	MCDONNELL BLVD	06/18/24	Gross Alpha/Beta	Gross Beta	1.628E-014	1.466E-014	2.314E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274720	MCDONNELL BLVD	06/18/24	Gross Alpha/Beta	Gross Alpha	2.357E-015	4.129E-015	7.183E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274720	MCDONNELL BLVD	06/18/24	Gross Alpha/Beta	Gross Beta	1.532E-014	1.449E-014	2.301E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274721	MCDONNELL BLVD	06/18/24	Gross Alpha/Beta	Gross Alpha	6.067E-015	6.007E-015	7.427E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274721	MCDONNELL BLVD	06/18/24	Gross Alpha/Beta	Gross Beta	4.669E-014	1.819E-014	2.384E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274722	MCDONNELL BLVD	06/18/24	Gross Alpha/Beta	Gross Alpha	-1.23E-15	5.060E-016	7.402E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274722	MCDONNELL BLVD	06/18/24	Gross Alpha/Beta	Gross Beta	1.632E-014	1.492E-014	2.362E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274726	MCDONNELL BLVD	06/19/24	Gross Alpha/Beta	Gross Alpha	3.530E-015	4.762E-015	7.199E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274726	MCDONNELL BLVD	06/19/24	Gross Alpha/Beta	Gross Beta	3.375E-014	1.645E-014	2.305E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274727	MCDONNELL BLVD	06/19/24	Gross Alpha/Beta	Gross Alpha	2.348E-015	4.129E-015	7.198E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274727	MCDONNELL BLVD	06/19/24	Gross Alpha/Beta	Gross Beta	3.244E-014	1.630E-014	2.301E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274728	MCDONNELL BLVD	06/19/24	Gross Alpha/Beta	Gross Alpha	7.510E-015	6.693E-015	7.664E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274728	MCDONNELL BLVD	06/19/24	Gross Alpha/Beta	Gross Beta	5.350E-014	1.930E-014	2.462E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274729	MCDONNELL BLVD	06/19/24	Gross Alpha/Beta	Gross Alpha	8.775E-015	7.157E-015	7.651E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274729	MCDONNELL BLVD	06/19/24	Gross Alpha/Beta	Gross Beta	3.749E-014	1.773E-014	2.467E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274733	MCDONNELL BLVD	06/20/24	Gross Alpha/Beta	Gross Alpha	3.637E-015	4.907E-015	7.417E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274733	MCDONNELL BLVD	06/20/24	Gross Alpha/Beta	Gross Beta	3.401E-014	1.687E-014	2.375E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274734	MCDONNELL BLVD	06/20/24	Gross Alpha/Beta	Gross Alpha	1.204E-015	3.483E-015	7.411E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274734	MCDONNELL BLVD	06/20/24	Gross Alpha/Beta	Gross Beta	2.746E-014	1.615E-014	2.367E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274735	MCDONNELL BLVD	06/20/24	Gross Alpha/Beta	Gross Alpha	1.234E-015	3.592E-015	7.655E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274735	MCDONNELL BLVD	06/20/24	Gross Alpha/Beta	Gross Beta	4.256E-014	1.812E-014	2.441E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274736	MCDONNELL BLVD	06/20/24	Gross Alpha/Beta	Gross Alpha	3.750E-015	5.060E-015	7.650E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274736	MCDONNELL BLVD	06/20/24	Gross Alpha/Beta	Gross Beta	3.665E-014	1.756E-014	2.449E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274740	MCDONNELL BLVD	06/21/24	Gross Alpha/Beta	Gross Alpha	4.249E-015	5.763E-015	9.153E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274740	MCDONNELL BLVD	06/21/24	Gross Alpha/Beta	Gross Beta	3.719E-014	1.684E-014	2.300E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274741	MCDONNELL BLVD	06/21/24	Gross Alpha/Beta	Gross Alpha	1.923E-015	4.719E-015	9.149E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274741	MCDONNELL BLVD	06/21/24	Gross Alpha/Beta	Gross Beta	3.067E-014	1.612E-014	2.291E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274742	MCDONNELL BLVD	06/21/24	Gross Alpha/Beta	Gross Alpha	8.402E-015	7.641E-015	9.902E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274742	MCDONNELL BLVD	06/21/24	Gross Alpha/Beta	Gross Beta	1.984E-014	1.614E-014	2.506E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274743	MCDONNELL BLVD	06/21/24	Gross Alpha/Beta	Gross Alpha	3.353E-015	5.706E-015	9.903E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274743	MCDONNELL BLVD	06/21/24	Gross Alpha/Beta	Gross Beta	2.145E-014	1.621E-014	2.487E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274747	MCDONNELL BLVD	06/24/24	Gross Alpha/Beta	Gross Alpha	1.304E-014	8.915E-015	9.610E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274747	MCDONNELL BLVD	06/24/24	Gross Alpha/Beta	Gross Beta	3.133E-014	1.703E-014	2.448E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274748	MCDONNELL BLVD	06/24/24	Gross Alpha/Beta	Gross Alpha	9.363E-015	7.811E-015	9.612E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274748	MCDONNELL BLVD	06/24/24	Gross Alpha/Beta	Gross Beta	3.430E-014	1.728E-014	2.434E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274749	MCDONNELL BLVD	06/24/24	Gross Alpha/Beta	Gross Alpha	5.375E-015	6.163E-015	9.053E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274749	MCDONNELL BLVD	06/24/24	Gross Alpha/Beta	Gross Beta	1.774E-014	1.466E-014	2.282E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274750	MCDONNELL BLVD	06/24/24	Gross Alpha/Beta	Gross Alpha	3.052E-015	5.216E-015	9.069E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274750	MCDONNELL BLVD	06/24/24	Gross Alpha/Beta	Gross Beta	4.155E-014	1.714E-014	2.274E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274754	MCDONNELL BLVD	06/25/24	Gross Alpha/Beta	Gross Alpha	2.023E-015	4.958E-015	9.608E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274754	MCDONNELL BLVD	06/25/24	Gross Alpha/Beta	Gross Beta	2.821E-014	1.650E-014	2.407E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274755	MCDONNELL BLVD	06/25/24	Gross Alpha/Beta	Gross Alpha	2.017E-015	4.958E-015	9.614E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274755	MCDONNELL BLVD	06/25/24	Gross Alpha/Beta	Gross Beta	3.703E-014	1.744E-014	2.407E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274759	MCDONNELL BLVD	06/25/24	Gross Alpha/Beta	Gross Alpha	7.455E-015	6.792E-015	8.817E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274759	MCDONNELL BLVD	06/25/24	Gross Alpha/Beta	Gross Beta	4.118E-014	1.682E-014	2.227E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274760	MCDONNELL BLVD	06/25/24	Gross Alpha/Beta	Gross Alpha	4.087E-015	5.550E-015	8.819E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274760	MCDONNELL BLVD	06/25/24	Gross Alpha/Beta	Gross Beta	4.464E-014	1.712E-014	2.215E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274762	MCDONNELL BLVD	06/27/24	Gross Alpha/Beta	Gross Alpha	9.369E-015	7.811E-015	9.605E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274762	MCDONNELL BLVD	06/27/24	Gross Alpha/Beta	Gross Beta	2.306E-014	1.609E-014	2.434E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274763	MCDONNELL BLVD	06/27/24	Gross Alpha/Beta	Gross Alpha	9.360E-015	7.811E-015	9.615E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274763	MCDONNELL BLVD	06/27/24	Gross Alpha/Beta	Gross Beta	3.831E-014	1.770E-014	2.434E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274764	MCDONNELL BLVD	06/27/24	Gross Alpha/Beta	Gross Alpha	6.714E-015	6.780E-015	9.326E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274764	MCDONNELL BLVD	06/27/24	Gross Alpha/Beta	Gross Beta	2.898E-014	1.628E-014	2.354E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274765	MCDONNELL BLVD	06/27/24	Gross Alpha/Beta	Gross Alpha	7.780E-016	4.182E-015	9.323E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274765	MCDONNELL BLVD	06/27/24	Gross Alpha/Beta	Gross Beta	2.367E-014	1.559E-014	2.332E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274772	MCDONNELL BLVD	06/28/24	Gross Alpha/Beta	Gross Alpha	2.202E-015	4.655E-015	8.692E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274772	MCDONNELL BLVD	06/28/24	Gross Alpha/Beta	Gross Beta	2.850E-014	1.293E-014	1.660E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274773	MCDONNELL BLVD	06/28/24	Gross Alpha/Beta	Gross Alpha	2.215E-015	4.683E-015	8.745E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274773	MCDONNELL BLVD	06/28/24	Gross Alpha/Beta	Gross Beta	3.162E-014	1.337E-014	1.670E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274774	MCDONNELL BLVD	06/28/24	Gross Alpha/Beta	Gross Alpha	2.294E-015	4.849E-015	9.055E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274774	MCDONNELL BLVD	06/28/24	Gross Alpha/Beta	Gross Beta	3.121E-014	1.366E-014	1.729E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274775	MCDONNELL BLVD	06/28/24	Gross Alpha/Beta	Gross Alpha	-1.38E-15	2.648E-015	9.588E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274775	MCDONNELL BLVD	06/28/24	Gross Alpha/Beta	Gross Beta	3.606E-014	1.475E-014	1.818E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274776	MCDONNELL BLVD	07/01/24	Gross Alpha/Beta	Gross Alpha	-1.09E-16	3.777E-015	9.874E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP274776	MCDONNELL BLVD	07/01/24	Gross Alpha/Beta	Gross Beta	2.826E-015	1.047E-014	1.873E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274777	MCDONNELL BLVD	07/01/24	Gross Alpha/Beta	Gross Alpha	-1.42E-15	2.728E-015	9.874E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274777	MCDONNELL BLVD	07/01/24	Gross Alpha/Beta	Gross Beta	4.693E-015	1.073E-014	1.873E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274778	MCDONNELL BLVD	07/01/24	Gross Alpha/Beta	Gross Alpha	-1.38E-15	2.648E-015	9.584E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274778	MCDONNELL BLVD	07/01/24	Gross Alpha/Beta	Gross Beta	3.747E-015	1.029E-014	1.818E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274779	MCDONNELL BLVD	07/01/24	Gross Alpha/Beta	Gross Alpha	1.162E-015	4.460E-015	9.585E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274779	MCDONNELL BLVD	07/01/24	Gross Alpha/Beta	Gross Beta	1.547E-014	1.211E-014	1.824E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274783	MCDONNELL BLVD	07/02/24	Gross Alpha/Beta	Gross Alpha	4.966E-015	6.272E-015	9.587E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274783	MCDONNELL BLVD	07/02/24	Gross Alpha/Beta	Gross Beta	3.185E-014	1.436E-014	1.844E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274784	MCDONNELL BLVD	07/02/24	Gross Alpha/Beta	Gross Alpha	2.430E-015	5.134E-015	9.585E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274784	MCDONNELL BLVD	07/02/24	Gross Alpha/Beta	Gross Beta	1.770E-014	1.245E-014	1.830E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274785	MCDONNELL BLVD	07/02/24	Gross Alpha/Beta	Gross Alpha	2.504E-015	5.289E-015	9.876E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274785	MCDONNELL BLVD	07/02/24	Gross Alpha/Beta	Gross Beta	1.740E-014	1.271E-014	1.886E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274786	MCDONNELL BLVD	07/02/24	Gross Alpha/Beta	Gross Alpha	-1.13E-16	3.777E-015	9.879E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274786	MCDONNELL BLVD	07/02/24	Gross Alpha/Beta	Gross Beta	4.111E-014	1.571E-014	1.873E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274789	MCDONNELL BLVD	07/08/24	Gross Alpha/Beta	Gross Alpha	9.945E-015	8.703E-015	1.086E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274789	MCDONNELL BLVD	07/08/24	Gross Alpha/Beta	Gross Beta	1.529E-014	1.363E-014	2.111E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274790	MCDONNELL BLVD	07/08/24	Gross Alpha/Beta	Gross Alpha	9.943E-015	8.703E-015	1.087E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274790	MCDONNELL BLVD	07/08/24	Gross Alpha/Beta	Gross Beta	3.268E-014	1.594E-014	2.111E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274791	MCDONNELL BLVD	07/08/24	Gross Alpha/Beta	Gross Alpha	8.505E-015	8.204E-015	1.087E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP274791	MCDONNELL BLVD	07/08/24	Gross Alpha/Beta	Gross Beta	3.290E-014	1.594E-014	2.104E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274792	MCDONNELL BLVD	07/08/24	Gross Alpha/Beta	Gross Alpha	-1.56E-15	3.001E-015	1.086E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274792	MCDONNELL BLVD	07/08/24	Gross Alpha/Beta	Gross Beta	2.439E-014	1.459E-014	2.060E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274796	MCDONNELL BLVD	07/10/24	Gross Alpha/Beta	Gross Alpha	4.186E-015	6.359E-015	1.065E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274796	MCDONNELL BLVD	07/10/24	Gross Alpha/Beta	Gross Beta	3.528E-014	1.678E-014	2.320E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274800	MCDONNELL BLVD	07/10/24	Gross Alpha/Beta	Gross Alpha	3.095E-015	6.073E-015	1.097E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274800	MCDONNELL BLVD	07/10/24	Gross Alpha/Beta	Gross Beta	2.610E-014	1.617E-014	2.385E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274801	MCDONNELL BLVD	07/10/24	Gross Alpha/Beta	Gross Alpha	5.532E-015	6.999E-015	1.098E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274801	MCDONNELL BLVD	07/10/24	Gross Alpha/Beta	Gross Beta	4.338E-014	1.804E-014	2.395E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274802	MCDONNELL BLVD	07/11/24	Gross Alpha/Beta	Gross Alpha	4.313E-015	6.552E-015	1.097E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274802	MCDONNELL BLVD	07/11/24	Gross Alpha/Beta	Gross Beta	3.554E-014	1.720E-014	2.390E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP274803	MCDONNELL BLVD	07/11/24	Gross Alpha/Beta	Gross Alpha	1.870E-015	5.554E-015	1.097E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274803	MCDONNELL BLVD	07/11/24	Gross Alpha/Beta	Gross Beta	2.709E-014	1.626E-014	2.381E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP274804	MCDONNELL BLVD	07/11/24	Gross Alpha/Beta	Gross Alpha	4.312E-015	6.552E-015	1.097E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP274804	MCDONNELL BLVD	07/11/24	Gross Alpha/Beta	Gross Beta	3.715E-014	1.737E-014	2.390E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276731	MCDONNELL BLVD	07/11/24	Gross Alpha/Beta	Gross Alpha	1.803E-015	5.391E-015	1.066E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276731	MCDONNELL BLVD	07/11/24	Gross Alpha/Beta	Gross Beta	4.655E-014	1.790E-014	2.311E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276735	MCDONNELL BLVD	07/12/24	Gross Alpha/Beta	Gross Alpha	1.020E-014	7.549E-015	8.356E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276735	MCDONNELL BLVD	07/12/24	Gross Alpha/Beta	Gross Beta	3.334E-014	1.357E-014	1.683E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276736	MCDONNELL BLVD	07/12/24	Gross Alpha/Beta	Gross Alpha	1.172E-015	3.961E-015	8.356E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276736	MCDONNELL BLVD	07/12/24	Gross Alpha/Beta	Gross Beta	3.043E-014	1.302E-014	1.637E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276737	MCDONNELL BLVD	07/12/24	Gross Alpha/Beta	Gross Alpha	8.931E-015	7.678E-015	9.401E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276737	MCDONNELL BLVD	07/12/24	Gross Alpha/Beta	Gross Beta	3.709E-014	1.516E-014	1.880E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276744	MCDONNELL BLVD	07/15/24	Gross Alpha/Beta	Gross Alpha	6.395E-015	6.771E-015	9.399E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276744	MCDONNELL BLVD	07/15/24	Gross Alpha/Beta	Gross Beta	2.537E-014	1.364E-014	1.868E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276745	MCDONNELL BLVD	07/15/24	Gross Alpha/Beta	Gross Alpha	1.359E-015	4.591E-015	9.685E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276745	MCDONNELL BLVD	07/15/24	Gross Alpha/Beta	Gross Beta	3.194E-014	1.468E-014	1.897E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276746	MCDONNELL BLVD	07/15/24	Gross Alpha/Beta	Gross Alpha	1.359E-015	4.591E-015	9.684E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276746	MCDONNELL BLVD	07/15/24	Gross Alpha/Beta	Gross Beta	2.611E-014	1.393E-014	1.897E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276747	MCDONNELL BLVD	07/17/24	Gross Alpha/Beta	Gross Alpha	5.000E-017	3.662E-015	9.399E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276747	MCDONNELL BLVD	07/17/24	Gross Alpha/Beta	Gross Beta	2.312E-014	1.320E-014	1.835E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276748	MCDONNELL BLVD	07/17/24	Gross Alpha/Beta	Gross Alpha	-2.56E-15	7.720E-016	9.685E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276748	MCDONNELL BLVD	07/17/24	Gross Alpha/Beta	Gross Beta	3.837E-014	1.540E-014	1.890E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276749	MCDONNELL BLVD	07/17/24	Gross Alpha/Beta	Gross Alpha	-1.26E-15	2.721E-015	9.683E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276749	MCDONNELL BLVD	07/17/24	Gross Alpha/Beta	Gross Beta	1.653E-014	1.258E-014	1.890E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276753	MCDONNELL BLVD	07/17/24	Gross Alpha/Beta	Gross Alpha	6.200E-017	4.446E-015	1.141E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276753	MCDONNELL BLVD	07/17/24	Gross Alpha/Beta	Gross Beta	2.022E-014	1.497E-014	2.228E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276754	MCDONNELL BLVD	07/18/24	Gross Alpha/Beta	Gross Alpha	5.128E-015	6.271E-015	9.397E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276754	MCDONNELL BLVD	07/18/24	Gross Alpha/Beta	Gross Beta	3.751E-015	1.058E-014	1.861E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276755	MCDONNELL BLVD	07/18/24	Gross Alpha/Beta	Gross Alpha	1.361E-015	4.591E-015	9.682E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276755	MCDONNELL BLVD	07/18/24	Gross Alpha/Beta	Gross Beta	7.801E-015	1.139E-014	1.897E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276756	MCDONNELL BLVD	07/18/24	Gross Alpha/Beta	Gross Alpha	1.362E-015	4.591E-015	9.681E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276756	MCDONNELL BLVD	07/18/24	Gross Alpha/Beta	Gross Beta	2.807E-015	1.062E-014	1.897E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276757	MCDONNELL BLVD	07/18/24	Gross Alpha/Beta	Gross Alpha	-1.29E-15	2.806E-015	9.986E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276757	MCDONNELL BLVD	07/18/24	Gross Alpha/Beta	Gross Beta	1.876E-014	1.321E-014	1.949E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276764	MCDONNELL BLVD	07/19/24	Gross Alpha/Beta	Gross Alpha	5.000E-017	3.412E-015	8.756E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276764	MCDONNELL BLVD	07/19/24	Gross Alpha/Beta	Gross Beta	-8.14E-16	1.326E-014	2.398E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276765	MCDONNELL BLVD	07/19/24	Gross Alpha/Beta	Gross Alpha	1.230E-015	4.153E-015	8.759E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276765	MCDONNELL BLVD	07/19/24	Gross Alpha/Beta	Gross Beta	4.223E-015	1.384E-014	2.402E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276766	MCDONNELL BLVD	07/19/24	Gross Alpha/Beta	Gross Alpha	4.600E-017	3.570E-015	9.166E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276766	MCDONNELL BLVD	07/19/24	Gross Alpha/Beta	Gross Beta	1.005E-014	1.507E-014	2.508E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276767	MCDONNELL BLVD	07/19/24	Gross Alpha/Beta	Gross Alpha	4.000E-017	3.570E-015	9.174E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276767	MCDONNELL BLVD	07/19/24	Gross Alpha/Beta	Gross Beta	2.173E-014	1.630E-014	2.508E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276768	MCDONNELL BLVD	07/20/24	Gross Alpha/Beta	Gross Alpha	1.295E-015	4.412E-015	9.320E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276768	MCDONNELL BLVD	07/20/24	Gross Alpha/Beta	Gross Beta	2.663E-014	1.704E-014	2.552E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276769	MCDONNELL BLVD	07/20/24	Gross Alpha/Beta	Gross Alpha	7.575E-015	7.167E-015	9.322E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276769	MCDONNELL BLVD	07/20/24	Gross Alpha/Beta	Gross Beta	2.966E-014	1.745E-014	2.573E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276770	MCDONNELL BLVD	07/20/24	Gross Alpha/Beta	Gross Alpha	4.774E-015	5.844E-015	8.763E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276770	MCDONNELL BLVD	07/20/24	Gross Alpha/Beta	Gross Beta	1.040E-014	1.458E-014	2.413E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276771	MCDONNELL BLVD	07/20/24	Gross Alpha/Beta	Gross Alpha	3.588E-015	5.339E-015	8.766E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276771	MCDONNELL BLVD	07/20/24	Gross Alpha/Beta	Gross Beta	1.579E-014	1.512E-014	2.409E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276775	MCDONNELL BLVD	07/22/24	Gross Alpha/Beta	Gross Alpha	2.471E-015	4.927E-015	9.041E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276775	MCDONNELL BLVD	07/22/24	Gross Alpha/Beta	Gross Beta	3.178E-014	1.714E-014	2.478E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276776	MCDONNELL BLVD	07/22/24	Gross Alpha/Beta	Gross Alpha	3.691E-015	5.500E-015	9.038E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276776	MCDONNELL BLVD	07/22/24	Gross Alpha/Beta	Gross Beta	2.700E-014	1.668E-014	2.482E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276777	MCDONNELL BLVD	07/22/24	Gross Alpha/Beta	Gross Alpha	4.000E-017	3.412E-015	8.767E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276777	MCDONNELL BLVD	07/22/24	Gross Alpha/Beta	Gross Beta	1.705E-014	1.519E-014	2.398E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276778	MCDONNELL BLVD	07/22/24	Gross Alpha/Beta	Gross Alpha	1.215E-015	4.153E-015	8.775E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276778	MCDONNELL BLVD	07/22/24	Gross Alpha/Beta	Gross Beta	3.102E-014	1.664E-014	2.402E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276782	MCDONNELL BLVD	07/23/24	Gross Alpha/Beta	Gross Alpha	3.567E-015	5.339E-015	8.790E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276782	MCDONNELL BLVD	07/23/24	Gross Alpha/Beta	Gross Beta	5.599E-014	1.910E-014	2.409E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276786	MCDONNELL BLVD	07/23/24	Gross Alpha/Beta	Gross Alpha	3.590E-015	5.339E-015	8.764E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276786	MCDONNELL BLVD	07/23/24	Gross Alpha/Beta	Gross Beta	1.206E-014	1.473E-014	2.409E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276787	MCDONNELL BLVD	07/23/24	Gross Alpha/Beta	Gross Alpha	3.692E-015	5.500E-015	9.038E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276787	MCDONNELL BLVD	07/23/24	Gross Alpha/Beta	Gross Beta	2.623E-014	1.661E-014	2.482E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276788	MCDONNELL BLVD	07/23/24	Gross Alpha/Beta	Gross Alpha	5.804E-015	6.504E-015	9.412E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276788	MCDONNELL BLVD	07/23/24	Gross Alpha/Beta	Gross Beta	6.318E-014	1.964E-014	2.346E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276789	MCDONNELL BLVD	07/24/24	Gross Alpha/Beta	Gross Alpha	8.781E-015	7.584E-015	9.656E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276789	MCDONNELL BLVD	07/24/24	Gross Alpha/Beta	Gross Beta	4.898E-014	1.850E-014	2.392E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276793	MCDONNELL BLVD	07/24/24	Gross Alpha/Beta	Gross Alpha	5.371E-015	6.539E-015	9.952E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276793	MCDONNELL BLVD	07/24/24	Gross Alpha/Beta	Gross Beta	5.664E-014	1.961E-014	2.451E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276794	MCDONNELL BLVD	07/24/24	Gross Alpha/Beta	Gross Alpha	4.770E-016	4.316E-015	9.951E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276794	MCDONNELL BLVD	07/24/24	Gross Alpha/Beta	Gross Beta	5.419E-014	1.929E-014	2.433E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276795	MCDONNELL BLVD	07/25/24	Gross Alpha/Beta	Gross Alpha	8.373E-015	8.870E-015	1.263E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276795	MCDONNELL BLVD	07/25/24	Gross Alpha/Beta	Gross Beta	6.758E-014	2.449E-014	3.117E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276796	MCDONNELL BLVD	07/25/24	Gross Alpha/Beta	Gross Alpha	3.718E-015	7.028E-015	1.263E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276796	MCDONNELL BLVD	07/25/24	Gross Alpha/Beta	Gross Beta	6.015E-014	2.368E-014	3.099E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276800	MCDONNELL BLVD	07/25/24	Gross Alpha/Beta	Gross Alpha	5.303E-015	7.690E-015	1.259E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276800	MCDONNELL BLVD	07/25/24	Gross Alpha/Beta	Gross Beta	7.968E-015	1.813E-014	3.105E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276801	MCDONNELL BLVD	07/25/24	Gross Alpha/Beta	Gross Alpha	8.513E-015	8.064E-015	1.082E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276801	MCDONNELL BLVD	07/25/24	Gross Alpha/Beta	Gross Beta	5.161E-014	2.039E-014	2.676E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276802	MCDONNELL BLVD	07/26/24	Gross Alpha/Beta	Gross Alpha	1.312E-014	9.194E-015	1.026E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276802	MCDONNELL BLVD	07/26/24	Gross Alpha/Beta	Gross Beta	4.484E-014	1.900E-014	2.555E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276803	MCDONNELL BLVD	07/26/24	Gross Alpha/Beta	Gross Alpha	-7.61E-16	3.666E-015	1.025E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276803	MCDONNELL BLVD	07/26/24	Gross Alpha/Beta	Gross Beta	4.035E-014	1.831E-014	2.507E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276804	MCDONNELL BLVD	07/31/24	Gross Alpha/Beta	Gross Alpha	3.175E-015	5.811E-015	1.036E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276804	MCDONNELL BLVD	07/31/24	Gross Alpha/Beta	Gross Beta	4.468E-015	1.212E-014	2.126E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276808	MCDONNELL BLVD	07/26/24	Gross Alpha/Beta	Gross Alpha	1.211E-014	8.487E-015	9.463E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276808	MCDONNELL BLVD	07/26/24	Gross Alpha/Beta	Gross Beta	3.680E-014	1.707E-014	2.359E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276809	MCDONNELL BLVD	07/26/24	Gross Alpha/Beta	Gross Alpha	2.459E-015	5.381E-015	1.004E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276809	MCDONNELL BLVD	07/26/24	Gross Alpha/Beta	Gross Beta	2.649E-014	1.610E-014	2.371E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276810	MCDONNELL BLVD	07/30/24	Gross Alpha/Beta	Gross Alpha	1.628E-015	4.730E-015	9.709E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276810	MCDONNELL BLVD	07/30/24	Gross Alpha/Beta	Gross Beta	1.126E-014	1.237E-014	1.986E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276811	MCDONNELL BLVD	07/30/24	Gross Alpha/Beta	Gross Alpha	1.626E-015	4.730E-015	9.712E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276811	MCDONNELL BLVD	07/30/24	Gross Alpha/Beta	Gross Beta	3.272E-014	1.524E-014	1.986E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276812	MCDONNELL BLVD	07/30/24	Gross Alpha/Beta	Gross Alpha	4.322E-015	6.083E-015	9.712E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276812	MCDONNELL BLVD	07/30/24	Gross Alpha/Beta	Gross Beta	3.316E-014	1.535E-014	2.000E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276816	MCDONNELL BLVD	07/31/24	Gross Alpha/Beta	Gross Alpha	1.577E-015	4.586E-015	9.417E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276816	MCDONNELL BLVD	07/31/24	Gross Alpha/Beta	Gross Beta	2.757E-014	1.425E-014	1.926E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276817	MCDONNELL BLVD	07/31/24	Gross Alpha/Beta	Gross Alpha	2.885E-015	5.283E-015	9.416E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276817	MCDONNELL BLVD	07/31/24	Gross Alpha/Beta	Gross Beta	1.821E-014	1.305E-014	1.933E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276818	MCDONNELL BLVD	07/31/24	Gross Alpha/Beta	Gross Alpha	2.801E-015	5.127E-015	9.138E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276818	MCDONNELL BLVD	07/31/24	Gross Alpha/Beta	Gross Beta	8.790E-015	1.142E-014	1.876E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276822	MCDONNELL BLVD	07/31/24	Gross Alpha/Beta	Gross Alpha	7.876E-015	7.236E-015	9.139E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276822	MCDONNELL BLVD	07/31/24	Gross Alpha/Beta	Gross Beta	2.012E-014	1.312E-014	1.901E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276823	MCDONNELL BLVD	08/01/24	Gross Alpha/Beta	Gross Alpha	-1.01E-15	2.632E-015	9.138E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276823	MCDONNELL BLVD	08/01/24	Gross Alpha/Beta	Gross Beta	1.180E-014	1.175E-014	1.862E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276824	MCDONNELL BLVD	08/01/24	Gross Alpha/Beta	Gross Alpha	4.194E-015	5.899E-015	9.414E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276824	MCDONNELL BLVD	08/01/24	Gross Alpha/Beta	Gross Beta	5.525E-015	1.128E-014	1.939E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276825	MCDONNELL BLVD	08/01/24	Gross Alpha/Beta	Gross Alpha	4.193E-015	5.899E-015	9.415E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276825	MCDONNELL BLVD	08/01/24	Gross Alpha/Beta	Gross Beta	1.385E-014	1.248E-014	1.939E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276826	MCDONNELL BLVD	08/01/24	Gross Alpha/Beta	Gross Alpha	6.607E-015	6.769E-015	9.139E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276826	MCDONNELL BLVD	08/01/24	Gross Alpha/Beta	Gross Beta	1.870E-014	1.290E-014	1.895E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276833	MCDONNELL BLVD	08/02/24	Gross Alpha/Beta	Gross Alpha	5.499E-015	6.458E-015	9.417E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276833	MCDONNELL BLVD	08/02/24	Gross Alpha/Beta	Gross Beta	2.696E-014	1.426E-014	1.946E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276834	MCDONNELL BLVD	08/02/24	Gross Alpha/Beta	Gross Alpha	1.576E-015	4.586E-015	9.418E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276834	MCDONNELL BLVD	08/02/24	Gross Alpha/Beta	Gross Beta	3.256E-014	1.488E-014	1.926E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276835	MCDONNELL BLVD	08/02/24	Gross Alpha/Beta	Gross Alpha	2.720E-015	4.981E-015	8.878E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276835	MCDONNELL BLVD	08/02/24	Gross Alpha/Beta	Gross Beta	2.031E-014	1.272E-014	1.822E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276836	MCDONNELL BLVD	08/02/24	Gross Alpha/Beta	Gross Alpha	6.606E-015	6.769E-015	9.140E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276836	MCDONNELL BLVD	08/02/24	Gross Alpha/Beta	Gross Beta	2.355E-014	1.353E-014	1.895E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276837	MCDONNELL BLVD	08/05/24	Gross Alpha/Beta	Gross Alpha	5.497E-015	6.458E-015	9.419E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276837	MCDONNELL BLVD	08/05/24	Gross Alpha/Beta	Gross Beta	4.444E-014	1.639E-014	1.946E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276838	MCDONNELL BLVD	08/05/24	Gross Alpha/Beta	Gross Alpha	4.187E-015	5.899E-015	9.422E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276838	MCDONNELL BLVD	08/05/24	Gross Alpha/Beta	Gross Beta	6.628E-014	1.883E-014	1.939E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276839	MCDONNELL BLVD	08/05/24	Gross Alpha/Beta	Gross Alpha	6.682E-015	6.849E-015	9.252E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276839	MCDONNELL BLVD	08/05/24	Gross Alpha/Beta	Gross Beta	5.081E-014	1.695E-014	1.918E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276840	MCDONNELL BLVD	08/05/24	Gross Alpha/Beta	Gross Alpha	4.067E-015	5.725E-015	9.142E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276840	MCDONNELL BLVD	08/05/24	Gross Alpha/Beta	Gross Beta	4.172E-014	1.572E-014	1.882E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276844	MCDONNELL BLVD	08/06/24	Gross Alpha/Beta	Gross Alpha	7.017E-015	7.192E-015	9.713E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276844	MCDONNELL BLVD	08/06/24	Gross Alpha/Beta	Gross Beta	4.133E-014	1.640E-014	2.014E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276845	MCDONNELL BLVD	08/06/24	Gross Alpha/Beta	Gross Alpha	2.968E-015	5.448E-015	9.719E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276845	MCDONNELL BLVD	08/06/24	Gross Alpha/Beta	Gross Beta	8.487E-014	2.115E-014	1.993E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276846	MCDONNELL BLVD	08/06/24	Gross Alpha/Beta	Gross Alpha	5.668E-015	6.660E-015	9.714E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276846	MCDONNELL BLVD	08/06/24	Gross Alpha/Beta	Gross Beta	5.184E-014	1.760E-014	2.007E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276847	MCDONNELL BLVD	08/06/24	Gross Alpha/Beta	Gross Alpha	8.363E-015	7.688E-015	9.716E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276847	MCDONNELL BLVD	08/06/24	Gross Alpha/Beta	Gross Beta	6.430E-014	1.904E-014	2.020E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276851	MCDONNELL BLVD	08/07/24	Gross Alpha/Beta	Gross Alpha	2.800E-015	5.127E-015	9.139E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276851	MCDONNELL BLVD	08/07/24	Gross Alpha/Beta	Gross Beta	2.091E-014	1.310E-014	1.876E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276852	MCDONNELL BLVD	08/07/24	Gross Alpha/Beta	Gross Alpha	5.337E-015	6.268E-015	9.140E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276852	MCDONNELL BLVD	08/07/24	Gross Alpha/Beta	Gross Beta	2.779E-014	1.405E-014	1.889E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276853	MCDONNELL BLVD	08/07/24	Gross Alpha/Beta	Gross Alpha	2.800E-015	5.127E-015	9.139E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276853	MCDONNELL BLVD	08/07/24	Gross Alpha/Beta	Gross Beta	1.929E-014	1.288E-014	1.876E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276854	MCDONNELL BLVD	08/07/24	Gross Alpha/Beta	Gross Alpha	4.068E-015	5.725E-015	9.140E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276854	MCDONNELL BLVD	08/07/24	Gross Alpha/Beta	Gross Beta	2.556E-014	1.373E-014	1.882E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276858	MCDONNELL BLVD	08/08/24	Gross Alpha/Beta	Gross Alpha	6.720E-016	3.394E-015	7.950E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276858	MCDONNELL BLVD	08/08/24	Gross Alpha/Beta	Gross Beta	3.355E-014	1.616E-014	2.248E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276859	MCDONNELL BLVD	08/08/24	Gross Alpha/Beta	Gross Alpha	-5.07E-16	2.434E-015	7.946E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276859	MCDONNELL BLVD	08/08/24	Gross Alpha/Beta	Gross Beta	2.777E-014	1.553E-014	2.245E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276860	MCDONNELL BLVD	08/08/24	Gross Alpha/Beta	Gross Alpha	5.408E-015	5.836E-015	7.942E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276860	MCDONNELL BLVD	08/08/24	Gross Alpha/Beta	Gross Beta	2.243E-014	1.507E-014	2.265E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276861	MCDONNELL BLVD	08/08/24	Gross Alpha/Beta	Gross Alpha	5.403E-015	5.836E-015	7.949E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276861	MCDONNELL BLVD	08/08/24	Gross Alpha/Beta	Gross Beta	3.211E-014	1.609E-014	2.265E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276865	MCDONNELL BLVD	08/09/24	Gross Alpha/Beta	Gross Alpha	6.870E-016	3.394E-015	7.930E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276865	MCDONNELL BLVD	08/09/24	Gross Alpha/Beta	Gross Beta	6.009E-015	1.315E-014	2.248E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276866	MCDONNELL BLVD	08/09/24	Gross Alpha/Beta	Gross Alpha	4.358E-015	5.491E-015	8.177E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276866	MCDONNELL BLVD	08/09/24	Gross Alpha/Beta	Gross Beta	1.486E-014	1.460E-014	2.329E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276867	MCDONNELL BLVD	08/09/24	Gross Alpha/Beta	Gross Alpha	6.941E-015	6.642E-015	8.372E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276867	MCDONNELL BLVD	08/09/24	Gross Alpha/Beta	Gross Beta	2.895E-014	1.646E-014	2.391E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276868	MCDONNELL BLVD	08/09/24	Gross Alpha/Beta	Gross Alpha	4.452E-015	5.616E-015	8.369E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276868	MCDONNELL BLVD	08/09/24	Gross Alpha/Beta	Gross Beta	2.382E-014	1.588E-014	2.382E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276872	MCDONNELL BLVD	08/12/24	Gross Alpha/Beta	Gross Alpha	6.584E-015	6.304E-015	7.951E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276872	MCDONNELL BLVD	08/12/24	Gross Alpha/Beta	Gross Beta	3.491E-014	1.640E-014	2.269E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276873	MCDONNELL BLVD	08/12/24	Gross Alpha/Beta	Gross Alpha	7.765E-015	6.740E-015	7.953E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276873	MCDONNELL BLVD	08/12/24	Gross Alpha/Beta	Gross Beta	3.772E-014	1.671E-014	2.273E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276874	MCDONNELL BLVD	08/12/24	Gross Alpha/Beta	Gross Alpha	1.653E-014	9.539E-015	8.197E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276874	MCDONNELL BLVD	08/12/24	Gross Alpha/Beta	Gross Beta	4.374E-014	1.784E-014	2.372E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276875	MCDONNELL BLVD	08/12/24	Gross Alpha/Beta	Gross Alpha	6.791E-015	6.495E-015	8.181E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276875	MCDONNELL BLVD	08/12/24	Gross Alpha/Beta	Gross Beta	2.063E-014	1.528E-014	2.338E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276879	MCDONNELL BLVD	08/13/24	Gross Alpha/Beta	Gross Alpha	1.452E-014	9.148E-015	8.462E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276879	MCDONNELL BLVD	08/13/24	Gross Alpha/Beta	Gross Beta	5.655E-014	1.949E-014	2.437E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276880	MCDONNELL BLVD	08/13/24	Gross Alpha/Beta	Gross Alpha	8.242E-015	7.161E-015	8.461E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276880	MCDONNELL BLVD	08/13/24	Gross Alpha/Beta	Gross Beta	5.510E-014	1.926E-014	2.415E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276881	MCDONNELL BLVD	08/13/24	Gross Alpha/Beta	Gross Alpha	3.979E-015	5.033E-015	7.516E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276881	MCDONNELL BLVD	08/13/24	Gross Alpha/Beta	Gross Beta	4.315E-014	1.649E-014	2.135E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276885	MCDONNELL BLVD	08/13/24	Gross Alpha/Beta	Gross Alpha	-1.91E-15	6.510E-016	8.656E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276885	MCDONNELL BLVD	08/13/24	Gross Alpha/Beta	Gross Beta	2.985E-014	1.384E-014	1.789E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276886	MCDONNELL BLVD	08/14/24	Gross Alpha/Beta	Gross Alpha	6.330E-016	3.645E-015	8.654E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276886	MCDONNELL BLVD	08/14/24	Gross Alpha/Beta	Gross Beta	1.411E-014	1.176E-014	1.792E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276887	MCDONNELL BLVD	08/14/24	Gross Alpha/Beta	Gross Alpha	5.705E-015	6.264E-015	8.659E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276887	MCDONNELL BLVD	08/14/24	Gross Alpha/Beta	Gross Beta	5.129E-014	1.660E-014	1.819E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276888	MCDONNELL BLVD	08/14/24	Gross Alpha/Beta	Gross Alpha	6.973E-015	6.765E-015	8.659E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276888	MCDONNELL BLVD	08/14/24	Gross Alpha/Beta	Gross Beta	5.433E-014	1.697E-014	1.826E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276889	MCDONNELL BLVD	08/14/24	Gross Alpha/Beta	Gross Alpha	5.706E-015	6.264E-015	8.657E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276889	MCDONNELL BLVD	08/14/24	Gross Alpha/Beta	Gross Beta	3.837E-014	1.507E-014	1.819E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276893	MCDONNELL BLVD	08/15/24	Gross Alpha/Beta	Gross Alpha	8.240E-015	7.233E-015	8.662E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276893	MCDONNELL BLVD	08/15/24	Gross Alpha/Beta	Gross Beta	7.109E-014	1.884E-014	1.832E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276894	MCDONNELL BLVD	08/15/24	Gross Alpha/Beta	Gross Alpha	4.434E-015	5.720E-015	8.661E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276894	MCDONNELL BLVD	08/15/24	Gross Alpha/Beta	Gross Beta	6.926E-014	1.858E-014	1.812E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276895	MCDONNELL BLVD	08/15/24	Gross Alpha/Beta	Gross Alpha	1.899E-015	4.444E-015	8.657E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276895	MCDONNELL BLVD	08/15/24	Gross Alpha/Beta	Gross Beta	3.976E-014	1.516E-014	1.799E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276896	MCDONNELL BLVD	08/15/24	Gross Alpha/Beta	Gross Alpha	9.513E-015	7.674E-015	8.656E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276896	MCDONNELL BLVD	08/15/24	Gross Alpha/Beta	Gross Beta	3.293E-014	1.448E-014	1.839E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276902	MCDONNELL BLVD	08/16/24	Gross Alpha/Beta	Gross Alpha	4.482E-015	5.777E-015	8.741E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276902	MCDONNELL BLVD	08/16/24	Gross Alpha/Beta	Gross Beta	2.834E-014	1.389E-014	1.830E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276903	MCDONNELL BLVD	08/16/24	Gross Alpha/Beta	Gross Alpha	4.438E-015	5.720E-015	8.656E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276903	MCDONNELL BLVD	08/16/24	Gross Alpha/Beta	Gross Beta	3.048E-014	1.406E-014	1.812E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276904	MCDONNELL BLVD	08/16/24	Gross Alpha/Beta	Gross Alpha	6.975E-015	6.765E-015	8.658E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276904	MCDONNELL BLVD	08/16/24	Gross Alpha/Beta	Gross Beta	4.059E-014	1.537E-014	1.826E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276905	MCDONNELL BLVD	08/16/24	Gross Alpha/Beta	Gross Alpha	4.438E-015	5.720E-015	8.656E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276905	MCDONNELL BLVD	08/16/24	Gross Alpha/Beta	Gross Beta	2.644E-014	1.354E-014	1.812E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276906	MCDONNELL BLVD	08/19/24	Gross Alpha/Beta	Gross Alpha	7.504E-015	7.239E-015	9.587E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276906	MCDONNELL BLVD	08/19/24	Gross Alpha/Beta	Gross Beta	3.058E-014	1.436E-014	1.881E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276907	MCDONNELL BLVD	08/19/24	Gross Alpha/Beta	Gross Alpha	6.235E-015	6.772E-015	9.587E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276907	MCDONNELL BLVD	08/19/24	Gross Alpha/Beta	Gross Beta	3.239E-014	1.456E-014	1.874E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276908	MCDONNELL BLVD	08/19/24	Gross Alpha/Beta	Gross Alpha	8.774E-015	7.679E-015	9.586E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276908	MCDONNELL BLVD	08/19/24	Gross Alpha/Beta	Gross Beta	2.150E-014	1.323E-014	1.887E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276912	MCDONNELL BLVD	08/20/24	Gross Alpha/Beta	Gross Alpha	1.385E-014	9.240E-015	9.586E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276912	MCDONNELL BLVD	08/20/24	Gross Alpha/Beta	Gross Beta	1.910E-014	1.303E-014	1.913E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276913	MCDONNELL BLVD	08/20/24	Gross Alpha/Beta	Gross Alpha	3.699E-015	5.731E-015	9.585E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276913	MCDONNELL BLVD	08/20/24	Gross Alpha/Beta	Gross Beta	1.421E-014	1.212E-014	1.861E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276914	MCDONNELL BLVD	08/20/24	Gross Alpha/Beta	Gross Alpha	5.449E-015	6.879E-015	1.051E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276914	MCDONNELL BLVD	08/20/24	Gross Alpha/Beta	Gross Beta	1.625E-014	1.342E-014	2.049E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276919	MCDONNELL BLVD	08/21/24	Gross Alpha/Beta	Gross Alpha	1.159E-015	4.460E-015	9.588E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276919	MCDONNELL BLVD	08/21/24	Gross Alpha/Beta	Gross Beta	3.722E-014	1.505E-014	1.848E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276920	MCDONNELL BLVD	08/21/24	Gross Alpha/Beta	Gross Alpha	6.237E-015	6.772E-015	9.586E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276920	MCDONNELL BLVD	08/21/24	Gross Alpha/Beta	Gross Beta	2.028E-014	1.301E-014	1.874E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276921	MCDONNELL BLVD	08/21/24	Gross Alpha/Beta	Gross Alpha	3.698E-015	5.731E-015	9.587E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276921	MCDONNELL BLVD	08/21/24	Gross Alpha/Beta	Gross Beta	2.955E-014	1.415E-014	1.861E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276922	MCDONNELL BLVD	08/21/24	Gross Alpha/Beta	Gross Alpha	7.505E-015	7.239E-015	9.586E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276922	MCDONNELL BLVD	08/21/24	Gross Alpha/Beta	Gross Beta	2.412E-014	1.354E-014	1.881E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276927	MCDONNELL BLVD	08/22/24	Gross Alpha/Beta	Gross Alpha	1.004E-014	8.096E-015	9.587E-015	µCi/mL	J	T04, T20	North County (General Area)-Perimeter Air
SVP276927	MCDONNELL BLVD	08/22/24	Gross Alpha/Beta	Gross Beta	2.938E-014	1.427E-014	1.894E-014	µCi/mL	=		North County (General Area)-Perimeter Air
SVP276928	MCDONNELL BLVD	08/22/24	Gross Alpha/Beta	Gross Alpha	2.429E-015	5.134E-015	9.587E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276928	MCDONNELL BLVD	08/22/24	Gross Alpha/Beta	Gross Beta	2.894E-014	1.405E-014	1.855E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276929	MCDONNELL BLVD	08/22/24	Gross Alpha/Beta	Gross Alpha	-1.09E-16	3.666E-015	9.587E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276929	MCDONNELL BLVD	08/22/24	Gross Alpha/Beta	Gross Beta	3.176E-014	1.435E-014	1.842E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276930	MCDONNELL BLVD	08/22/24	Gross Alpha/Beta	Gross Alpha	4.968E-015	6.272E-015	9.586E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP276930	MCDONNELL BLVD	08/22/24	Gross Alpha/Beta	Gross Beta	1.805E-014	1.268E-014	1.868E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276934	MCDONNELL BLVD	08/23/24	Gross Alpha/Beta	Gross Alpha	-1.08E-16	3.666E-015	9.586E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276934	MCDONNELL BLVD	08/23/24	Gross Alpha/Beta	Gross Beta	2.126E-014	1.299E-014	1.842E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276938	MCDONNELL BLVD	08/23/24	Gross Alpha/Beta	Gross Alpha	-1.13E-16	3.816E-015	9.978E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276938	MCDONNELL BLVD	08/23/24	Gross Alpha/Beta	Gross Beta	3.053E-014	1.461E-014	1.918E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276939	MCDONNELL BLVD	08/23/24	Gross Alpha/Beta	Gross Alpha	9.129E-015	7.992E-015	9.981E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276939	MCDONNELL BLVD	08/23/24	Gross Alpha/Beta	Gross Beta	5.769E-014	1.802E-014	1.964E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276940	MCDONNELL BLVD	08/23/24	Gross Alpha/Beta	Gross Alpha	7.088E-015	6.837E-015	9.054E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276940	MCDONNELL BLVD	08/23/24	Gross Alpha/Beta	Gross Beta	2.736E-014	1.337E-014	1.776E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276941	MCDONNELL BLVD	08/26/24	Gross Alpha/Beta	Gross Alpha	3.697E-015	5.731E-015	9.588E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276941	MCDONNELL BLVD	08/26/24	Gross Alpha/Beta	Gross Beta	4.006E-014	1.544E-014	1.861E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276942	MCDONNELL BLVD	08/26/24	Gross Alpha/Beta	Gross Alpha	5.889E-015	6.396E-015	9.055E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276942	MCDONNELL BLVD	08/26/24	Gross Alpha/Beta	Gross Beta	3.212E-014	1.394E-014	1.770E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276943	MCDONNELL BLVD	08/26/24	Gross Alpha/Beta	Gross Alpha	2.428E-015	5.134E-015	9.588E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276943	MCDONNELL BLVD	08/26/24	Gross Alpha/Beta	Gross Beta	4.025E-014	1.544E-014	1.855E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276950	MCDONNELL BLVD	08/27/24	Gross Alpha/Beta	Gross Alpha	-1.03E-16	3.462E-015	9.055E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276950	MCDONNELL BLVD	08/27/24	Gross Alpha/Beta	Gross Beta	3.076E-014	1.364E-014	1.740E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276951	MCDONNELL BLVD	08/27/24	Gross Alpha/Beta	Gross Alpha	2.427E-015	5.134E-015	9.589E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276951	MCDONNELL BLVD	08/27/24	Gross Alpha/Beta	Gross Beta	4.510E-014	1.601E-014	1.855E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276952	MCDONNELL BLVD	08/28/24	Gross Alpha/Beta	Gross Alpha	2.294E-015	4.849E-015	9.055E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276952	MCDONNELL BLVD	08/28/24	Gross Alpha/Beta	Gross Beta	3.115E-014	1.374E-014	1.752E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276953	MCDONNELL BLVD	08/28/24	Gross Alpha/Beta	Gross Alpha	3.809E-015	5.904E-015	9.879E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276953	MCDONNELL BLVD	08/28/24	Gross Alpha/Beta	Gross Beta	4.293E-014	1.611E-014	1.918E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276960	MCDONNELL BLVD	08/29/24	Gross Alpha/Beta	Gross Alpha	2.428E-015	4.950E-015	9.147E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276960	MCDONNELL BLVD	08/29/24	Gross Alpha/Beta	Gross Beta	3.219E-014	1.685E-014	2.391E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276961	MCDONNELL BLVD	08/29/24	Gross Alpha/Beta	Gross Alpha	3.351E-015	5.066E-015	8.381E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276961	MCDONNELL BLVD	08/29/24	Gross Alpha/Beta	Gross Beta	2.419E-014	1.490E-014	2.196E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276962	MCDONNELL BLVD	09/03/24	Gross Alpha/Beta	Gross Alpha	7.560E-015	7.201E-015	9.424E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276962	MCDONNELL BLVD	09/03/24	Gross Alpha/Beta	Gross Beta	2.083E-014	1.614E-014	2.484E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP276963	MCDONNELL BLVD	09/03/24	Gross Alpha/Beta	Gross Alpha	-1.23E-15	2.550E-015	9.128E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276963	MCDONNELL BLVD	09/03/24	Gross Alpha/Beta	Gross Beta	5.471E-015	1.379E-014	2.381E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276967	MCDONNELL BLVD	09/04/24	Gross Alpha/Beta	Gross Alpha	4.727E-015	5.872E-015	8.884E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276967	MCDONNELL BLVD	09/04/24	Gross Alpha/Beta	Gross Beta	4.022E-014	1.734E-014	2.329E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276968	MCDONNELL BLVD	09/04/24	Gross Alpha/Beta	Gross Alpha	4.481E-015	5.545E-015	8.372E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276968	MCDONNELL BLVD	09/04/24	Gross Alpha/Beta	Gross Beta	1.151E-014	1.351E-014	2.200E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276975	MCDONNELL BLVD	09/05/24	Gross Alpha/Beta	Gross Alpha	1.372E-014	8.983E-015	9.457E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276975	MCDONNELL BLVD	09/05/24	Gross Alpha/Beta	Gross Beta	6.551E-014	2.036E-014	2.453E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP276976	MCDONNELL BLVD	09/05/24	Gross Alpha/Beta	Gross Alpha	1.136E-014	8.310E-015	9.437E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276976	MCDONNELL BLVD	09/05/24	Gross Alpha/Beta	Gross Beta	3.395E-014	1.723E-014	2.444E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276977	MCDONNELL BLVD	09/06/24	Gross Alpha/Beta	Gross Alpha	-5.13E-16	3.444E-015	9.435E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276977	MCDONNELL BLVD	09/06/24	Gross Alpha/Beta	Gross Beta	3.032E-014	1.665E-014	2.403E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP276978	MCDONNELL BLVD	09/06/24	Gross Alpha/Beta	Gross Alpha	5.417E-015	6.345E-015	9.445E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP276978	MCDONNELL BLVD	09/06/24	Gross Alpha/Beta	Gross Beta	4.576E-014	1.832E-014	2.423E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP277628	MCDONNELL BLVD	09/09/24	Gross Alpha/Beta	Gross Alpha	4.232E-015	5.878E-015	9.441E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277628	MCDONNELL BLVD	09/09/24	Gross Alpha/Beta	Gross Beta	4.049E-014	1.777E-014	2.419E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277632	MCDONNELL BLVD	09/09/24	Gross Alpha/Beta	Gross Alpha	1.869E-015	4.814E-015	9.428E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277632	MCDONNELL BLVD	09/09/24	Gross Alpha/Beta	Gross Beta	1.983E-014	1.558E-014	2.410E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP277634	MCDONNELL BLVD	09/10/24	Gross Alpha/Beta	Gross Alpha	3.063E-015	5.371E-015	9.422E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277634	MCDONNELL BLVD	09/10/24	Gross Alpha/Beta	Gross Beta	1.030E-014	1.457E-014	2.415E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277635	MCDONNELL BLVD	09/10/24	Gross Alpha/Beta	Gross Alpha	6.770E-016	4.184E-015	9.432E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277635	MCDONNELL BLVD	09/10/24	Gross Alpha/Beta	Gross Beta	2.547E-014	1.616E-014	2.406E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277643	MCDONNELL BLVD	09/11/24	Gross Alpha/Beta	Gross Alpha	-5.29E-16	3.444E-015	9.451E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277643	MCDONNELL BLVD	09/11/24	Gross Alpha/Beta	Gross Beta	5.525E-014	1.916E-014	2.403E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277644	MCDONNELL BLVD	09/11/24	Gross Alpha/Beta	Gross Alpha	3.058E-015	5.371E-015	9.427E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277644	MCDONNELL BLVD	09/11/24	Gross Alpha/Beta	Gross Beta	1.809E-014	1.542E-014	2.414E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP277645	MCDONNELL BLVD	09/12/24	Gross Alpha/Beta	Gross Alpha	2.634E-015	5.353E-015	9.810E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277645	MCDONNELL BLVD	09/12/24	Gross Alpha/Beta	Gross Beta	5.057E-014	1.829E-014	2.342E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277646	MCDONNELL BLVD	09/12/24	Gross Alpha/Beta	Gross Alpha	3.811E-015	5.856E-015	9.816E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277646	MCDONNELL BLVD	09/12/24	Gross Alpha/Beta	Gross Beta	6.082E-014	1.930E-014	2.346E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277650	MCDONNELL BLVD	09/13/24	Gross Alpha/Beta	Gross Alpha	1.459E-015	4.799E-015	9.803E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277650	MCDONNELL BLVD	09/13/24	Gross Alpha/Beta	Gross Beta	3.586E-014	1.682E-014	2.338E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277651	MCDONNELL BLVD	09/13/24	Gross Alpha/Beta	Gross Alpha	2.570E-015	5.200E-015	9.520E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277651	MCDONNELL BLVD	09/13/24	Gross Alpha/Beta	Gross Beta	2.960E-014	1.580E-014	2.270E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277655	MCDONNELL BLVD	09/16/24	Gross Alpha/Beta	Gross Alpha	1.520E-015	4.940E-015	1.010E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277655	MCDONNELL BLVD	09/16/24	Gross Alpha/Beta	Gross Beta	1.320E-014	1.480E-014	2.410E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277659	MCDONNELL BLVD	09/16/24	Gross Alpha/Beta	Gross Alpha	2.820E-016	4.174E-015	9.797E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277659	MCDONNELL BLVD	09/16/24	Gross Alpha/Beta	Gross Beta	2.561E-014	1.575E-014	2.334E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277660	MCDONNELL BLVD	09/17/24	Gross Alpha/Beta	Gross Alpha	2.648E-015	5.353E-015	9.796E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277660	MCDONNELL BLVD	09/17/24	Gross Alpha/Beta	Gross Beta	2.303E-014	1.552E-014	2.342E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP277664	MCDONNELL BLVD	09/17/24	Gross Alpha/Beta	Gross Alpha	2.770E-016	4.174E-015	9.802E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277664	MCDONNELL BLVD	09/17/24	Gross Alpha/Beta	Gross Beta	3.454E-014	1.667E-014	2.334E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277665	MCDONNELL BLVD	09/18/24	Gross Alpha/Beta	Gross Alpha	7.362E-015	7.162E-015	9.811E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP277665	MCDONNELL BLVD	09/18/24	Gross Alpha/Beta	Gross Beta	5.285E-014	1.858E-014	2.358E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277669	MCDONNELL BLVD	09/18/24	Gross Alpha/Beta	Gross Alpha	1.452E-015	4.799E-015	9.810E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277669	MCDONNELL BLVD	09/18/24	Gross Alpha/Beta	Gross Beta	4.926E-014	1.815E-014	2.338E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277670	MCDONNELL BLVD	09/19/24	Gross Alpha/Beta	Gross Alpha	-1.31E-15	6.523E-015	1.685E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277670	MCDONNELL BLVD	09/19/24	Gross Alpha/Beta	Gross Beta	2.056E-014	2.317E-014	3.762E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277671	MCDONNELL BLVD	09/19/24	Gross Alpha/Beta	Gross Alpha	6.252E-015	7.205E-015	1.093E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277671	MCDONNELL BLVD	09/19/24	Gross Alpha/Beta	Gross Beta	5.660E-014	1.952E-014	2.457E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277675	MCDONNELL BLVD	09/20/24	Gross Alpha/Beta	Gross Alpha	1.509E-015	5.396E-015	1.092E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277675	MCDONNELL BLVD	09/20/24	Gross Alpha/Beta	Gross Beta	4.254E-014	1.807E-014	2.440E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277676	MCDONNELL BLVD	09/20/24	Gross Alpha/Beta	Gross Alpha	1.430E-015	5.096E-015	1.031E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277676	MCDONNELL BLVD	09/20/24	Gross Alpha/Beta	Gross Beta	3.208E-014	1.625E-014	2.304E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277677	MCDONNELL BLVD	09/20/24	Gross Alpha/Beta	Gross Alpha	2.288E-014	1.156E-014	1.093E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277677	MCDONNELL BLVD	09/20/24	Gross Alpha/Beta	Gross Beta	5.794E-014	1.990E-014	2.515E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277681	MCDONNELL BLVD	09/19/24	Gross Alpha/Beta	Gross Alpha	1.504E-015	5.396E-015	1.092E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP277681	MCDONNELL BLVD	09/19/24	Gross Alpha/Beta	Gross Beta	4.955E-014	1.876E-014	2.440E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277682	MCDONNELL BLVD	09/24/24	Gross Alpha/Beta	Gross Alpha	9.198E-015	8.461E-015	1.158E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP277682	MCDONNELL BLVD	09/24/24	Gross Alpha/Beta	Gross Beta	9.273E-015	1.560E-014	2.619E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277683	MCDONNELL BLVD	09/24/24	Gross Alpha/Beta	Gross Alpha	1.267E-014	1.691E-014	2.712E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277683	MCDONNELL BLVD	09/24/24	Gross Alpha/Beta	Gross Beta	1.533E-014	3.563E-014	6.101E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277687	MCDONNELL BLVD	09/25/24	Gross Alpha/Beta	Gross Alpha	9.837E-015	8.317E-015	1.091E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP277687	MCDONNELL BLVD	09/25/24	Gross Alpha/Beta	Gross Beta	2.101E-014	1.602E-014	2.469E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP277688	MCDONNELL BLVD	09/25/24	Gross Alpha/Beta	Gross Alpha	2.288E-014	1.156E-014	1.092E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277688	MCDONNELL BLVD	09/25/24	Gross Alpha/Beta	Gross Beta	5.404E-014	1.953E-014	2.515E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277692	MCDONNELL BLVD	09/24/24	Gross Alpha/Beta	Gross Alpha	5.099E-015	6.796E-015	1.090E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277692	MCDONNELL BLVD	09/24/24	Gross Alpha/Beta	Gross Beta	-8.49E-16	1.353E-014	2.452E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277693	MCDONNELL BLVD	09/26/24	Gross Alpha/Beta	Gross Alpha	3.243E-015	4.832E-015	7.820E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277693	MCDONNELL BLVD	09/26/24	Gross Alpha/Beta	Gross Beta	2.846E-014	1.345E-014	1.763E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277694	MCDONNELL BLVD	09/26/24	Gross Alpha/Beta	Gross Alpha	9.777E-015	7.672E-015	8.282E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277694	MCDONNELL BLVD	09/26/24	Gross Alpha/Beta	Gross Beta	3.965E-014	1.554E-014	1.898E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277698	MCDONNELL BLVD	09/30/24	Gross Alpha/Beta	Gross Alpha	-1.64E-15	6.020E-016	8.279E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277698	MCDONNELL BLVD	09/30/24	Gross Alpha/Beta	Gross Beta	2.284E-014	1.319E-014	1.849E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277702	MCDONNELL BLVD	09/30/24	Gross Alpha/Beta	Gross Alpha	4.612E-015	5.606E-015	8.120E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277702	MCDONNELL BLVD	09/30/24	Gross Alpha/Beta	Gross Beta	2.382E-014	1.327E-014	1.837E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277704	MCDONNELL BLVD	10/01/24	Gross Alpha/Beta	Gross Alpha	2.166E-015	4.438E-015	8.279E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277704	MCDONNELL BLVD	10/01/24	Gross Alpha/Beta	Gross Beta	2.064E-014	1.299E-014	1.860E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277705	MCDONNELL BLVD	10/01/24	Gross Alpha/Beta	Gross Alpha	-3.71E-16	2.605E-015	8.278E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277705	MCDONNELL BLVD	10/01/24	Gross Alpha/Beta	Gross Beta	1.214E-014	1.175E-014	1.849E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP277710	MCDONNELL BLVD	10/02/24	Gross Alpha/Beta	Gross Alpha	-3.81E-16	2.658E-015	8.447E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277710	MCDONNELL BLVD	10/02/24	Gross Alpha/Beta	Gross Beta	3.546E-014	1.503E-014	1.886E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277711	MCDONNELL BLVD	10/02/24	Gross Alpha/Beta	Gross Alpha	3.432E-015	5.116E-015	8.282E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277711	MCDONNELL BLVD	10/02/24	Gross Alpha/Beta	Gross Beta	4.306E-014	1.582E-014	1.866E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277715	MCDONNELL BLVD	10/03/24	Gross Alpha/Beta	Gross Alpha	1.236E-014	8.133E-015	8.236E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP277715	MCDONNELL BLVD	10/03/24	Gross Alpha/Beta	Gross Beta	3.658E-014	1.613E-014	2.201E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277716	MCDONNELL BLVD	10/03/24	Gross Alpha/Beta	Gross Alpha	5.656E-015	5.959E-015	8.238E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277716	MCDONNELL BLVD	10/03/24	Gross Alpha/Beta	Gross Beta	3.968E-014	1.633E-014	2.178E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP277723	MCDONNELL BLVD	10/04/24	Gross Alpha/Beta	Gross Alpha	-2.26E-15	6.900E-016	8.697E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277723	MCDONNELL BLVD	10/04/24	Gross Alpha/Beta	Gross Beta	-3.67E-15	1.218E-014	2.285E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277724	MCDONNELL BLVD	10/04/24	Gross Alpha/Beta	Gross Alpha	1.099E-015	3.589E-015	7.527E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277724	MCDONNELL BLVD	10/04/24	Gross Alpha/Beta	Gross Beta	1.504E-014	1.267E-014	1.979E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP277726	MCDONNELL BLVD	10/07/24	Gross Alpha/Beta	Gross Alpha	1.127E-015	3.715E-015	7.803E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP277726	MCDONNELL BLVD	10/07/24	Gross Alpha/Beta	Gross Beta	3.555E-014	1.520E-014	2.048E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278096	MCDONNELL BLVD	10/07/24	Gross Alpha/Beta	Gross Alpha	5.993E-015	6.310E-015	8.717E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278096	MCDONNELL BLVD	10/07/24	Gross Alpha/Beta	Gross Beta	3.308E-014	1.639E-014	2.306E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278101	MCDONNELL BLVD	10/08/24	Gross Alpha/Beta	Gross Alpha	7.897E-015	6.757E-015	8.230E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278101	MCDONNELL BLVD	10/08/24	Gross Alpha/Beta	Gross Beta	2.599E-014	1.497E-014	2.186E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278102	MCDONNELL BLVD	10/08/24	Gross Alpha/Beta	Gross Alpha	4.804E-015	5.843E-015	8.725E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278102	MCDONNELL BLVD	10/08/24	Gross Alpha/Beta	Gross Beta	4.591E-014	1.766E-014	2.302E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278106	MCDONNELL BLVD	10/09/24	Gross Alpha/Beta	Gross Alpha	1.072E-014	7.915E-015	8.717E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278106	MCDONNELL BLVD	10/09/24	Gross Alpha/Beta	Gross Beta	3.238E-014	1.639E-014	2.322E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278107	MCDONNELL BLVD	10/09/24	Gross Alpha/Beta	Gross Alpha	3.424E-015	5.041E-015	8.237E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278107	MCDONNELL BLVD	10/09/24	Gross Alpha/Beta	Gross Beta	3.720E-014	1.604E-014	2.170E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278111	MCDONNELL BLVD	10/10/24	Gross Alpha/Beta	Gross Alpha	3.031E-015	5.424E-015	9.577E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278111	MCDONNELL BLVD	10/10/24	Gross Alpha/Beta	Gross Beta	6.216E-014	1.949E-014	2.317E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278116	MCDONNELL BLVD	10/10/24	Gross Alpha/Beta	Gross Alpha	8.967E-015	7.620E-015	9.580E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278116	MCDONNELL BLVD	10/10/24	Gross Alpha/Beta	Gross Beta	6.748E-014	2.010E-014	2.340E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278120	MCDONNELL BLVD	10/11/24	Gross Alpha/Beta	Gross Alpha	4.220E-015	5.926E-015	9.576E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278120	MCDONNELL BLVD	10/11/24	Gross Alpha/Beta	Gross Beta	6.042E-014	1.934E-014	2.322E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278121	MCDONNELL BLVD	10/11/24	Gross Alpha/Beta	Gross Alpha	3.133E-015	5.588E-015	9.857E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278121	MCDONNELL BLVD	10/11/24	Gross Alpha/Beta	Gross Beta	4.800E-014	1.848E-014	2.388E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278122	MCDONNELL BLVD	10/14/24	Gross Alpha/Beta	Gross Alpha	4.242E-015	5.926E-015	9.553E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278122	MCDONNELL BLVD	10/14/24	Gross Alpha/Beta	Gross Beta	2.381E-014	1.556E-014	2.322E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278125	MCDONNELL BLVD	10/14/24	Gross Alpha/Beta	Gross Alpha	4.251E-015	5.926E-015	9.545E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278125	MCDONNELL BLVD	10/14/24	Gross Alpha/Beta	Gross Beta	9.795E-015	1.399E-014	2.322E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278126	MCDONNELL BLVD	10/15/24	Gross Alpha/Beta	Gross Alpha	3.046E-015	5.424E-015	9.562E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278126	MCDONNELL BLVD	10/15/24	Gross Alpha/Beta	Gross Beta	3.724E-014	1.697E-014	2.317E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278127	MCDONNELL BLVD	10/15/24	Gross Alpha/Beta	Gross Alpha	4.371E-015	6.105E-015	9.842E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278127	MCDONNELL BLVD	10/15/24	Gross Alpha/Beta	Gross Beta	2.373E-014	1.595E-014	2.392E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278132	MCDONNELL BLVD	10/15/24	Gross Alpha/Beta	Gross Alpha	7.805E-015	7.232E-015	9.554E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278132	MCDONNELL BLVD	10/15/24	Gross Alpha/Beta	Gross Beta	2.560E-014	1.582E-014	2.335E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278133	MCDONNELL BLVD	10/16/24	Gross Alpha/Beta	Gross Alpha	7.798E-015	7.232E-015	9.561E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278133	MCDONNELL BLVD	10/16/24	Gross Alpha/Beta	Gross Beta	3.651E-014	1.698E-014	2.335E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278134	MCDONNELL BLVD	10/16/24	Gross Alpha/Beta	Gross Alpha	7.805E-015	7.232E-015	9.554E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278134	MCDONNELL BLVD	10/16/24	Gross Alpha/Beta	Gross Beta	2.560E-014	1.582E-014	2.335E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278138	MCDONNELL BLVD	10/16/24	Gross Alpha/Beta	Gross Alpha	-5.08E-16	3.526E-015	9.551E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278138	MCDONNELL BLVD	10/16/24	Gross Alpha/Beta	Gross Beta	2.065E-014	1.512E-014	2.306E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278139	MCDONNELL BLVD	10/17/24	Gross Alpha/Beta	Gross Alpha	-5.16E-16	3.526E-015	9.559E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278139	MCDONNELL BLVD	10/17/24	Gross Alpha/Beta	Gross Beta	3.389E-014	1.656E-014	2.306E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278140	MCDONNELL BLVD	10/17/24	Gross Alpha/Beta	Gross Alpha	-5.88E-16	4.134E-015	1.119E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278140	MCDONNELL BLVD	10/17/24	Gross Alpha/Beta	Gross Beta	1.325E-014	1.649E-014	2.703E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278141	MCDONNELL BLVD	10/17/24	Gross Alpha/Beta	Gross Alpha	8.995E-015	7.620E-015	9.552E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278141	MCDONNELL BLVD	10/17/24	Gross Alpha/Beta	Gross Beta	2.230E-014	1.549E-014	2.340E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278142	MCDONNELL BLVD	10/17/24	Gross Alpha/Beta	Gross Alpha	1.869E-015	4.872E-015	9.551E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278142	MCDONNELL BLVD	10/17/24	Gross Alpha/Beta	Gross Beta	2.029E-014	1.513E-014	2.313E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278146	MCDONNELL BLVD	10/18/24	Gross Alpha/Beta	Gross Alpha	1.468E-014	1.018E-014	1.160E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278146	MCDONNELL BLVD	10/18/24	Gross Alpha/Beta	Gross Beta	3.055E-014	1.863E-014	2.754E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278150	MCDONNELL BLVD	10/18/24	Gross Alpha/Beta	Gross Alpha	3.451E-015	5.888E-015	1.023E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278150	MCDONNELL BLVD	10/18/24	Gross Alpha/Beta	Gross Beta	2.218E-014	1.576E-014	2.396E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278151	MCDONNELL BLVD	10/18/24	Gross Alpha/Beta	Gross Alpha	6.750E-015	6.927E-015	9.846E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278151	MCDONNELL BLVD	10/18/24	Gross Alpha/Beta	Gross Beta	2.232E-014	1.533E-014	2.318E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278152	MCDONNELL BLVD	10/21/24	Gross Alpha/Beta	Gross Alpha	3.419E-015	5.888E-015	1.026E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278152	MCDONNELL BLVD	10/21/24	Gross Alpha/Beta	Gross Beta	7.437E-014	2.097E-014	2.396E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278153	MCDONNELL BLVD	10/21/24	Gross Alpha/Beta	Gross Alpha	1.122E-014	8.833E-015	1.089E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278153	MCDONNELL BLVD	10/21/24	Gross Alpha/Beta	Gross Beta	6.461E-014	2.102E-014	2.573E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278154	MCDONNELL BLVD	10/21/24	Gross Alpha/Beta	Gross Alpha	1.056E-014	8.314E-015	1.025E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278154	MCDONNELL BLVD	10/21/24	Gross Alpha/Beta	Gross Beta	5.536E-014	1.925E-014	2.422E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278158	MCDONNELL BLVD	10/22/24	Gross Alpha/Beta	Gross Alpha	7.004E-015	7.199E-015	1.024E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278158	MCDONNELL BLVD	10/22/24	Gross Alpha/Beta	Gross Beta	4.033E-014	1.771E-014	2.409E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278159	MCDONNELL BLVD	10/22/24	Gross Alpha/Beta	Gross Alpha	3.438E-015	5.888E-015	1.024E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278159	MCDONNELL BLVD	10/22/24	Gross Alpha/Beta	Gross Beta	4.477E-014	1.810E-014	2.396E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278163	MCDONNELL BLVD	10/23/24	Gross Alpha/Beta	Gross Alpha	2.252E-015	5.384E-015	1.024E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278163	MCDONNELL BLVD	10/23/24	Gross Alpha/Beta	Gross Beta	4.106E-014	1.770E-014	2.391E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278164	MCDONNELL BLVD	10/23/24	Gross Alpha/Beta	Gross Alpha	-8.44E-15	8.606E-015	3.477E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278164	MCDONNELL BLVD	10/23/24	Gross Alpha/Beta	Gross Beta	3.881E-014	4.918E-014	8.102E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278165	MCDONNELL BLVD	10/23/24	Gross Alpha/Beta	Gross Alpha	3.432E-015	5.888E-015	1.025E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278165	MCDONNELL BLVD	10/23/24	Gross Alpha/Beta	Gross Beta	5.412E-014	1.902E-014	2.396E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278169	MCDONNELL BLVD	10/24/24	Gross Alpha/Beta	Gross Alpha	6.213E-015	7.000E-015	1.017E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278169	MCDONNELL BLVD	10/24/24	Gross Alpha/Beta	Gross Beta	2.735E-014	1.722E-014	2.562E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278170	MCDONNELL BLVD	10/24/24	Gross Alpha/Beta	Gross Alpha	4.425E-015	5.848E-015	9.166E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278170	MCDONNELL BLVD	10/24/24	Gross Alpha/Beta	Gross Beta	1.814E-014	1.482E-014	2.306E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278171	MCDONNELL BLVD	10/24/24	Gross Alpha/Beta	Gross Alpha	8.730E-016	4.161E-015	9.171E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278171	MCDONNELL BLVD	10/24/24	Gross Alpha/Beta	Gross Beta	2.611E-014	1.560E-014	2.294E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278174	MCDONNELL BLVD	10/25/24	Gross Alpha/Beta	Gross Alpha	1.503E-014	1.154E-014	1.340E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278174	MCDONNELL BLVD	10/25/24	Gross Alpha/Beta	Gross Beta	9.459E-014	2.857E-014	3.390E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278175	MCDONNELL BLVD	10/25/24	Gross Alpha/Beta	Gross Alpha	1.187E-014	8.522E-015	9.447E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278175	MCDONNELL BLVD	10/25/24	Gross Alpha/Beta	Gross Beta	2.452E-014	1.602E-014	2.402E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278176	MCDONNELL BLVD	10/25/24	Gross Alpha/Beta	Gross Alpha	1.174E-014	8.437E-015	9.358E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278176	MCDONNELL BLVD	10/25/24	Gross Alpha/Beta	Gross Beta	3.338E-014	1.680E-014	2.378E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278180	MCDONNELL BLVD	10/28/24	Gross Alpha/Beta	Gross Alpha	4.402E-015	5.848E-015	9.191E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278180	MCDONNELL BLVD	10/28/24	Gross Alpha/Beta	Gross Beta	6.132E-014	1.918E-014	2.306E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278185	MCDONNELL BLVD	10/28/24	Gross Alpha/Beta	Gross Alpha	1.265E-014	8.612E-015	9.217E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278185	MCDONNELL BLVD	10/28/24	Gross Alpha/Beta	Gross Beta	1.077E-013	2.357E-014	2.335E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278186	MCDONNELL BLVD	10/29/24	Gross Alpha/Beta	Gross Alpha	9.141E-015	7.546E-015	9.181E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278186	MCDONNELL BLVD	10/29/24	Gross Alpha/Beta	Gross Beta	4.425E-014	1.759E-014	2.323E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278188	MCDONNELL BLVD	10/29/24	Gross Alpha/Beta	Gross Alpha	4.415E-015	5.848E-015	9.176E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278188	MCDONNELL BLVD	10/29/24	Gross Alpha/Beta	Gross Beta	3.601E-014	1.669E-014	2.306E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278192	MCDONNELL BLVD	10/30/24	Gross Alpha/Beta	Gross Alpha	4.407E-015	5.848E-015	9.185E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278192	MCDONNELL BLVD	10/30/24	Gross Alpha/Beta	Gross Beta	5.090E-014	1.817E-014	2.306E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278194	MCDONNELL BLVD	10/30/24	Gross Alpha/Beta	Gross Alpha	6.780E-015	6.748E-015	9.177E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278194	MCDONNELL BLVD	10/30/24	Gross Alpha/Beta	Gross Beta	3.715E-014	1.684E-014	2.315E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278199	MCDONNELL BLVD	10/31/24	Gross Alpha/Beta	Gross Alpha	8.613E-015	7.153E-015	8.401E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278199	MCDONNELL BLVD	10/31/24	Gross Alpha/Beta	Gross Beta	1.759E-014	1.459E-014	2.274E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278200	MCDONNELL BLVD	11/01/24	Gross Alpha/Beta	Gross Alpha	6.241E-015	6.307E-015	8.409E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278200	MCDONNELL BLVD	11/01/24	Gross Alpha/Beta	Gross Beta	2.985E-014	1.586E-014	2.266E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278202	MCDONNELL BLVD	11/06/24	Gross Alpha/Beta	Gross Alpha	2.691E-015	4.777E-015	8.413E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278202	MCDONNELL BLVD	11/06/24	Gross Alpha/Beta	Gross Beta	3.633E-014	1.647E-014	2.253E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278203	MCDONNELL BLVD	11/07/24	Gross Alpha/Beta	Gross Alpha	8.615E-015	2.350E-014	4.759E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278203	MCDONNELL BLVD	11/07/24	Gross Alpha/Beta	Gross Beta	7.606E-014	7.933E-014	1.275E-013	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278205	MCDONNELL BLVD	11/07/24	Gross Alpha/Beta	Gross Alpha	1.610E-015	4.406E-015	8.930E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278205	MCDONNELL BLVD	11/07/24	Gross Alpha/Beta	Gross Beta	2.454E-014	1.600E-014	2.390E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278206	MCDONNELL BLVD	11/07/24	Gross Alpha/Beta	Gross Alpha	1.713E-015	4.699E-015	9.530E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278206	MCDONNELL BLVD	11/07/24	Gross Alpha/Beta	Gross Beta	3.377E-014	1.788E-014	2.549E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278207	MCDONNELL BLVD	11/08/24	Gross Alpha/Beta	Gross Alpha	5.053E-015	5.840E-015	8.417E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278207	MCDONNELL BLVD	11/08/24	Gross Alpha/Beta	Gross Beta	4.193E-014	1.708E-014	2.262E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278208	MCDONNELL BLVD	11/08/24	Gross Alpha/Beta	Gross Alpha	1.377E-014	9.371E-015	9.540E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278208	MCDONNELL BLVD	11/08/24	Gross Alpha/Beta	Gross Beta	4.887E-014	1.963E-014	2.592E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278213	MCDONNELL BLVD	11/12/24	Gross Alpha/Beta	Gross Alpha	3.882E-015	5.334E-015	8.402E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278213	MCDONNELL BLVD	11/12/24	Gross Alpha/Beta	Gross Beta	1.977E-014	1.474E-014	2.258E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278214	MCDONNELL BLVD	11/12/24	Gross Alpha/Beta	Gross Alpha	3.881E-015	5.334E-015	8.404E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278214	MCDONNELL BLVD	11/12/24	Gross Alpha/Beta	Gross Beta	2.201E-014	1.499E-014	2.258E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278218	MCDONNELL BLVD	11/13/24	Gross Alpha/Beta	Gross Alpha	8.604E-015	7.153E-015	8.412E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278218	MCDONNELL BLVD	11/13/24	Gross Alpha/Beta	Gross Beta	3.397E-014	1.633E-014	2.274E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278219	MCDONNELL BLVD	11/13/24	Gross Alpha/Beta	Gross Alpha	4.117E-015	5.668E-015	8.937E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278219	MCDONNELL BLVD	11/13/24	Gross Alpha/Beta	Gross Beta	3.525E-014	1.718E-014	2.399E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278223	MCDONNELL BLVD	11/13/24	Gross Alpha/Beta	Gross Alpha	2.666E-014	1.922E-014	2.041E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278223	MCDONNELL BLVD	11/13/24	Gross Alpha/Beta	Gross Beta	5.090E-014	3.643E-014	5.544E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278224	MCDONNELL BLVD	11/14/24	Gross Alpha/Beta	Gross Alpha	6.460E-016	3.441E-015	8.106E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278224	MCDONNELL BLVD	11/14/24	Gross Alpha/Beta	Gross Beta	2.635E-014	1.307E-014	1.735E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278225	MCDONNELL BLVD	11/14/24	Gross Alpha/Beta	Gross Alpha	3.223E-015	5.120E-015	8.581E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278225	MCDONNELL BLVD	11/14/24	Gross Alpha/Beta	Gross Beta	1.781E-014	1.256E-014	1.850E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278229	MCDONNELL BLVD	11/14/24	Gross Alpha/Beta	Gross Alpha	1.952E-015	4.442E-015	8.584E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278229	MCDONNELL BLVD	11/14/24	Gross Alpha/Beta	Gross Beta	3.659E-014	1.495E-014	1.843E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278230	MCDONNELL BLVD	11/15/24	Gross Alpha/Beta	Gross Alpha	6.426E-015	1.462E-014	2.824E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278230	MCDONNELL BLVD	11/15/24	Gross Alpha/Beta	Gross Beta	9.913E-014	4.654E-014	6.064E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278231	MCDONNELL BLVD	11/15/24	Gross Alpha/Beta	Gross Alpha	3.218E-015	5.120E-015	8.589E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278231	MCDONNELL BLVD	11/15/24	Gross Alpha/Beta	Gross Beta	6.871E-014	1.864E-014	1.850E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278232	MCDONNELL BLVD	11/15/24	Gross Alpha/Beta	Gross Alpha	3.220E-015	5.120E-015	8.585E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278232	MCDONNELL BLVD	11/15/24	Gross Alpha/Beta	Gross Beta	4.447E-014	1.592E-014	1.850E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278236	MCDONNELL BLVD	12/02/24	Gross Alpha/Beta	Gross Alpha	1.221E-014	4.099E-014	8.397E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278236	MCDONNELL BLVD	12/02/24	Gross Alpha/Beta	Gross Beta	-7.12E-15	1.075E-013	1.961E-013	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278237	MCDONNELL BLVD	11/19/24	Gross Alpha/Beta	Gross Alpha	9.327E-015	1.014E-014	1.390E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278237	MCDONNELL BLVD	11/19/24	Gross Alpha/Beta	Gross Beta	3.605E-014	2.140E-014	3.016E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278241	MCDONNELL BLVD	11/19/24	Gross Alpha/Beta	Gross Alpha	6.810E-016	3.644E-015	8.588E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278241	MCDONNELL BLVD	11/19/24	Gross Alpha/Beta	Gross Beta	6.264E-014	1.794E-014	1.837E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278242	MCDONNELL BLVD	11/19/24	Gross Alpha/Beta	Gross Alpha	1.953E-015	4.442E-015	8.583E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278242	MCDONNELL BLVD	11/19/24	Gross Alpha/Beta	Gross Beta	2.690E-014	1.373E-014	1.843E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278244	MCDONNELL BLVD	11/20/24	Gross Alpha/Beta	Gross Alpha	1.900E-015	4.315E-015	8.335E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278244	MCDONNELL BLVD	11/20/24	Gross Alpha/Beta	Gross Beta	5.723E-015	1.050E-014	1.790E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278248	MCDONNELL BLVD	11/20/24	Gross Alpha/Beta	Gross Alpha	1.954E-015	4.442E-015	8.581E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278248	MCDONNELL BLVD	11/20/24	Gross Alpha/Beta	Gross Beta	1.720E-014	1.244E-014	1.843E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278251	MCDONNELL BLVD	11/21/24	Gross Alpha/Beta	Gross Alpha	5.069E-015	5.840E-015	8.397E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278251	MCDONNELL BLVD	11/21/24	Gross Alpha/Beta	Gross Beta	1.141E-014	1.384E-014	2.262E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278252	MCDONNELL BLVD	11/21/24	Gross Alpha/Beta	Gross Alpha	-8.44E-16	2.449E-015	8.397E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278252	MCDONNELL BLVD	11/21/24	Gross Alpha/Beta	Gross Beta	1.154E-014	1.374E-014	2.244E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278253	MCDONNELL BLVD	11/21/24	Gross Alpha/Beta	Gross Alpha	2.704E-015	4.777E-015	8.397E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278253	MCDONNELL BLVD	11/21/24	Gross Alpha/Beta	Gross Beta	1.176E-014	1.384E-014	2.253E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278257	MCDONNELL BLVD	11/22/24	Gross Alpha/Beta	Gross Alpha	1.098E-014	7.913E-015	8.394E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278257	MCDONNELL BLVD	11/22/24	Gross Alpha/Beta	Gross Beta	7.561E-015	1.353E-014	2.283E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278258	MCDONNELL BLVD	11/22/24	Gross Alpha/Beta	Gross Alpha	5.061E-015	5.840E-015	8.406E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278258	MCDONNELL BLVD	11/22/24	Gross Alpha/Beta	Gross Beta	2.556E-014	1.539E-014	2.262E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278259	MCDONNELL BLVD	11/22/24	Gross Alpha/Beta	Gross Alpha	-8.05E-16	2.313E-015	7.941E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278259	MCDONNELL BLVD	11/22/24	Gross Alpha/Beta	Gross Beta	2.637E-014	1.467E-014	2.119E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278263	MCDONNELL BLVD	11/25/24	Gross Alpha/Beta	Gross Alpha	6.219E-015	6.307E-015	8.437E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278263	MCDONNELL BLVD	11/25/24	Gross Alpha/Beta	Gross Beta	7.303E-014	2.014E-014	2.266E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278267	MCDONNELL BLVD	11/25/24	Gross Alpha/Beta	Gross Alpha	7.409E-015	6.743E-015	8.427E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278267	MCDONNELL BLVD	11/25/24	Gross Alpha/Beta	Gross Beta	5.722E-014	1.864E-014	2.270E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278269	MCDONNELL BLVD	11/25/24	Gross Alpha/Beta	Gross Alpha	3.290E-016	3.404E-015	8.409E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278269	MCDONNELL BLVD	11/25/24	Gross Alpha/Beta	Gross Beta	2.998E-014	1.577E-014	2.245E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278270	MCDONNELL BLVD	11/26/24	Gross Alpha/Beta	Gross Alpha	3.539E-015	6.246E-015	1.098E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278270	MCDONNELL BLVD	11/26/24	Gross Alpha/Beta	Gross Beta	8.563E-015	1.732E-014	2.947E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278271	MCDONNELL BLVD	11/26/24	Gross Alpha/Beta	Gross Alpha	2.697E-015	4.777E-015	8.405E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278271	MCDONNELL BLVD	11/26/24	Gross Alpha/Beta	Gross Beta	2.367E-014	1.514E-014	2.253E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278272	MCDONNELL BLVD	11/26/24	Gross Alpha/Beta	Gross Alpha	1.510E-015	4.146E-015	8.410E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278272	MCDONNELL BLVD	11/26/24	Gross Alpha/Beta	Gross Beta	3.203E-014	1.601E-014	2.249E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278277	MCDONNELL BLVD	11/27/24	Gross Alpha/Beta	Gross Alpha	3.240E-016	3.404E-015	8.415E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278277	MCDONNELL BLVD	11/27/24	Gross Alpha/Beta	Gross Beta	3.965E-014	1.678E-014	2.245E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278281	MCDONNELL BLVD	11/27/24	Gross Alpha/Beta	Gross Alpha	3.878E-015	5.334E-015	8.408E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278281	MCDONNELL BLVD	11/27/24	Gross Alpha/Beta	Gross Beta	2.796E-014	1.562E-014	2.258E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278282	MCDONNELL BLVD	11/27/24	Gross Alpha/Beta	Gross Alpha	1.521E-015	4.146E-015	8.398E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278282	MCDONNELL BLVD	11/27/24	Gross Alpha/Beta	Gross Beta	1.268E-014	1.392E-014	2.249E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278283	MCDONNELL BLVD	12/02/24	Gross Alpha/Beta	Gross Alpha	7.329E-015	7.196E-015	9.924E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278283	MCDONNELL BLVD	12/02/24	Gross Alpha/Beta	Gross Beta	7.613E-014	2.089E-014	2.330E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278287	MCDONNELL BLVD	12/02/24	Gross Alpha/Beta	Gross Alpha	3.772E-015	5.883E-015	9.917E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278287	MCDONNELL BLVD	12/02/24	Gross Alpha/Beta	Gross Beta	6.422E-014	1.969E-014	2.316E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278288	MCDONNELL BLVD	12/02/24	Gross Alpha/Beta	Gross Alpha	7.345E-015	7.196E-015	9.908E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278288	MCDONNELL BLVD	12/02/24	Gross Alpha/Beta	Gross Beta	4.887E-014	1.822E-014	2.330E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278289	MCDONNELL BLVD	12/03/24	Gross Alpha/Beta	Gross Alpha	5.300E-015	6.747E-015	1.051E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278289	MCDONNELL BLVD	12/03/24	Gross Alpha/Beta	Gross Beta	1.922E-014	1.586E-014	2.466E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278290	MCDONNELL BLVD	12/03/24	Gross Alpha/Beta	Gross Alpha	9.072E-015	8.059E-015	1.052E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278290	MCDONNELL BLVD	12/03/24	Gross Alpha/Beta	Gross Beta	4.346E-014	1.852E-014	2.480E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278291	MCDONNELL BLVD	12/03/24	Gross Alpha/Beta	Gross Alpha	6.182E-015	6.786E-015	9.885E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278291	MCDONNELL BLVD	12/03/24	Gross Alpha/Beta	Gross Beta	9.335E-015	1.396E-014	2.325E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278292	MCDONNELL BLVD	12/03/24	Gross Alpha/Beta	Gross Alpha	1.411E-015	4.822E-015	9.903E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278292	MCDONNELL BLVD	12/03/24	Gross Alpha/Beta	Gross Beta	4.044E-014	1.726E-014	2.307E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278296	MCDONNELL BLVD	12/04/24	Gross Alpha/Beta	Gross Alpha	8.508E-015	7.585E-015	9.933E-015	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278296	MCDONNELL BLVD	12/04/24	Gross Alpha/Beta	Gross Beta	8.997E-014	2.221E-014	2.334E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278297	MCDONNELL BLVD	12/04/24	Gross Alpha/Beta	Gross Alpha	1.445E-014	9.303E-015	9.929E-015	µCi/mL	J	T04, T20	North County (General Area)-Perimeter Air
SVP278297	MCDONNELL BLVD	12/04/24	Gross Alpha/Beta	Gross Beta	8.360E-014	2.170E-014	2.357E-014	µCi/mL	=		North County (General Area)-Perimeter Air
SVP278303	MCDONNELL BLVD	12/05/24	Gross Alpha/Beta	Gross Alpha	1.452E-015	4.918E-015	1.009E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278303	MCDONNELL BLVD	12/05/24	Gross Alpha/Beta	Gross Beta	2.060E-014	1.539E-014	2.353E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278304	MCDONNELL BLVD	12/05/24	Gross Alpha/Beta	Gross Alpha	4.037E-015	6.251E-015	1.051E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278304	MCDONNELL BLVD	12/05/24	Gross Alpha/Beta	Gross Beta	2.107E-014	1.604E-014	2.461E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278305	MCDONNELL BLVD	12/05/24	Gross Alpha/Beta	Gross Alpha	-9.53E-16	3.457E-015	9.892E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278305	MCDONNELL BLVD	12/05/24	Gross Alpha/Beta	Gross Beta	2.134E-014	1.517E-014	2.302E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278309	MCDONNELL BLVD	12/06/24	Gross Alpha/Beta	Gross Alpha	-2.14E-15	2.516E-015	9.891E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278309	MCDONNELL BLVD	12/06/24	Gross Alpha/Beta	Gross Beta	1.918E-014	1.491E-014	2.302E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278310	MCDONNELL BLVD	12/06/24	Gross Alpha/Beta	Gross Alpha	2.596E-015	5.378E-015	9.906E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278310	MCDONNELL BLVD	12/06/24	Gross Alpha/Beta	Gross Beta	4.493E-014	1.774E-014	2.312E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278314	MCDONNELL BLVD	12/06/24	Gross Alpha/Beta	Gross Alpha	1.605E-015	5.465E-015	1.122E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278314	MCDONNELL BLVD	12/06/24	Gross Alpha/Beta	Gross Beta	3.524E-014	1.845E-014	2.615E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278315	MCDONNELL BLVD	12/02/24	Gross Alpha/Beta	Gross Alpha	9.939E-015	4.826E-015	5.416E-015	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278315	MCDONNELL BLVD	12/02/24	Gross Alpha/Beta	Gross Beta	9.770E-014	1.467E-014	1.331E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278316	MCDONNELL BLVD	12/09/24	Gross Alpha/Beta	Gross Alpha	1.560E-016	3.658E-015	9.271E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278316	MCDONNELL BLVD	12/09/24	Gross Alpha/Beta	Gross Beta	2.583E-014	1.372E-014	1.872E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278317	MCDONNELL BLVD	12/09/24	Gross Alpha/Beta	Gross Alpha	2.692E-015	5.129E-015	9.273E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278317	MCDONNELL BLVD	12/09/24	Gross Alpha/Beta	Gross Beta	3.998E-014	1.552E-014	1.885E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278318	MCDONNELL BLVD	12/09/24	Gross Alpha/Beta	Gross Alpha	1.424E-015	4.454E-015	9.272E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278318	MCDONNELL BLVD	12/09/24	Gross Alpha/Beta	Gross Beta	3.048E-014	1.434E-014	1.878E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278320	MCDONNELL BLVD	12/10/24	Gross Alpha/Beta	Gross Alpha	6.906E-015	7.193E-015	9.851E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278320	MCDONNELL BLVD	12/10/24	Gross Alpha/Beta	Gross Beta	3.069E-014	1.514E-014	2.023E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278322	MCDONNELL BLVD	12/10/24	Gross Alpha/Beta	Gross Alpha	2.863E-015	5.450E-015	9.850E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278322	MCDONNELL BLVD	12/10/24	Gross Alpha/Beta	Gross Beta	2.187E-014	1.392E-014	2.003E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278323	MCDONNELL BLVD	12/10/24	Gross Alpha/Beta	Gross Alpha	2.862E-015	5.450E-015	9.850E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278323	MCDONNELL BLVD	12/10/24	Gross Alpha/Beta	Gross Beta	2.531E-014	1.437E-014	2.003E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278325	MCDONNELL BLVD	12/11/24	Gross Alpha/Beta	Gross Alpha	6.500E-015	6.770E-015	9.271E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278325	MCDONNELL BLVD	12/11/24	Gross Alpha/Beta	Gross Beta	2.808E-014	1.415E-014	1.904E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278326	MCDONNELL BLVD	12/11/24	Gross Alpha/Beta	Gross Alpha	6.500E-015	6.770E-015	9.271E-015	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278326	MCDONNELL BLVD	12/11/24	Gross Alpha/Beta	Gross Beta	2.727E-014	1.405E-014	1.904E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278327	MCDONNELL BLVD	12/11/24	Gross Alpha/Beta	Gross Alpha	2.096E-015	5.830E-015	1.159E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278327	MCDONNELL BLVD	12/11/24	Gross Alpha/Beta	Gross Beta	1.227E-014	1.321E-014	2.113E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278328	MCDONNELL BLVD	12/12/24	Gross Alpha/Beta	Gross Alpha	1.270E-014	1.010E-014	1.256E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278328	MCDONNELL BLVD	12/12/24	Gross Alpha/Beta	Gross Beta	6.775E-014	2.323E-014	2.892E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278329	MCDONNELL BLVD	12/12/24	Gross Alpha/Beta	Gross Alpha	6.958E-015	8.245E-015	1.254E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SVP278329	MCDONNELL BLVD	12/12/24	Gross Alpha/Beta	Gross Beta	2.230E-014	1.844E-014	2.871E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278330	MCDONNELL BLVD	12/16/24	Gross Alpha/Beta	Gross Alpha	5.733E-015	6.790E-015	1.032E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278330	MCDONNELL BLVD	12/16/24	Gross Alpha/Beta	Gross Beta	1.447E-014	1.475E-014	2.364E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278332	MCDONNELL BLVD	12/16/24	Gross Alpha/Beta	Gross Alpha	2.160E-015	5.385E-015	1.033E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278332	MCDONNELL BLVD	12/16/24	Gross Alpha/Beta	Gross Beta	2.903E-014	1.627E-014	2.351E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278334	MCDONNELL BLVD	12/17/24	Gross Alpha/Beta	Gross Alpha	2.161E-015	5.385E-015	1.033E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278334	MCDONNELL BLVD	12/17/24	Gross Alpha/Beta	Gross Beta	2.826E-014	1.618E-014	2.351E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278335	MCDONNELL BLVD	12/17/24	Gross Alpha/Beta	Gross Alpha	4.546E-015	6.355E-015	1.032E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278335	MCDONNELL BLVD	12/17/24	Gross Alpha/Beta	Gross Beta	1.231E-014	1.449E-014	2.360E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278337	MCDONNELL BLVD	12/18/24	Gross Alpha/Beta	Gross Alpha	3.923E-015	6.905E-015	1.211E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278337	MCDONNELL BLVD	12/18/24	Gross Alpha/Beta	Gross Beta	3.748E-014	1.946E-014	2.761E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278339	MCDONNELL BLVD	12/18/24	Gross Alpha/Beta	Gross Alpha	9.790E-016	4.927E-015	1.055E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278339	MCDONNELL BLVD	12/18/24	Gross Alpha/Beta	Gross Beta	5.046E-014	1.872E-014	2.393E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278341	MCDONNELL BLVD	12/19/24	Gross Alpha/Beta	Gross Alpha	8.080E-015	7.588E-015	1.035E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP278341	MCDONNELL BLVD	12/19/24	Gross Alpha/Beta	Gross Beta	6.083E-014	1.959E-014	2.373E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP278342	MCDONNELL BLVD	12/23/24	Gross Alpha/Beta	Gross Alpha	5.929E-015	8.310E-015	1.351E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP278342	MCDONNELL BLVD	12/23/24	Gross Alpha/Beta	Gross Beta	4.258E-014	2.181E-014	3.086E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278343	MCDONNELL BLVD	12/23/24	Gross Alpha/Beta	Gross Alpha	1.101E-014	8.175E-015	9.760E-015	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP278343	MCDONNELL BLVD	12/23/24	Gross Alpha/Beta	Gross Beta	3.560E-014	1.637E-014	2.254E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP280120	MCDONNELL BLVD	12/24/24	Gross Alpha/Beta	Gross Alpha	6.892E-015	8.245E-015	1.260E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP280120	MCDONNELL BLVD	12/24/24	Gross Alpha/Beta	Gross Beta	1.320E-013	2.919E-014	2.870E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP280121	MCDONNELL BLVD	12/24/24	Gross Alpha/Beta	Gross Alpha	1.359E-014	9.547E-015	1.103E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP280121	MCDONNELL BLVD	12/24/24	Gross Alpha/Beta	Gross Beta	1.367E-013	2.753E-014	2.540E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP280123	MCDONNELL BLVD	12/26/24	Gross Alpha/Beta	Gross Alpha	8.854E-015	8.322E-015	1.136E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP280123	MCDONNELL BLVD	12/26/24	Gross Alpha/Beta	Gross Beta	8.124E-014	2.288E-014	2.602E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP280124	MCDONNELL BLVD	12/26/24	Gross Alpha/Beta	Gross Alpha	9.852E-015	8.456E-015	1.099E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP280124	MCDONNELL BLVD	12/26/24	Gross Alpha/Beta	Gross Beta	5.782E-014	2.016E-014	2.526E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP280126	MCDONNELL BLVD	12/30/24	Gross Alpha/Beta	Gross Alpha	3.547E-015	6.257E-015	1.098E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP280126	MCDONNELL BLVD	12/30/24	Gross Alpha/Beta	Gross Beta	4.721E-014	1.900E-014	2.502E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP280127	MCDONNELL BLVD	12/30/24	Gross Alpha/Beta	Gross Alpha	1.521E-014	9.613E-015	1.034E-014	µCi/mL	J	T04, T20	McDonnell Blvd. (General Area)-Perimeter Air
SVP280127	MCDONNELL BLVD	12/30/24	Gross Alpha/Beta	Gross Beta	5.428E-014	1.905E-014	2.399E-014	µCi/mL	=		McDonnell Blvd. (General Area)-Perimeter Air
SVP280129	MCDONNELL BLVD	12/31/24	Gross Alpha/Beta	Gross Alpha	8.854E-015	8.151E-015	1.068E-014	µCi/mL	UJ	T04, T05	McDonnell Blvd. (General Area)-Perimeter Air
SVP280129	MCDONNELL BLVD	12/31/24	Gross Alpha/Beta	Gross Beta	1.559E-014	1.643E-014	2.642E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP280130	MCDONNELL BLVD	12/31/24	Gross Alpha/Beta	Gross Alpha	8.045E-015	8.235E-015	1.144E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SVP280130	MCDONNELL BLVD	12/31/24	Gross Alpha/Beta	Gross Beta	1.504E-014	1.738E-014	2.825E-014	µCi/mL	UJ	T06	McDonnell Blvd. (General Area)-Perimeter Air
SLD277330	P6WH LOADOUT	10/03/24	Gross Alpha/Beta	Gross Alpha	9.700E-016	4.336E-015	9.492E-015	µCi/mL	UJ	T06	Plant 6WH LOADOUT (General Area)-Perimeter Air
SLD277330	P6WH LOADOUT	10/03/24	Gross Alpha/Beta	Gross Beta	5.377E-014	1.672E-014	1.808E-014	µCi/mL	=		Plant 6WH LOADOUT (General Area)-Perimeter Air
SLD277331	P6WH LOADOUT	10/03/24	Gross Alpha/Beta	Gross Alpha	-1.47E-15	2.542E-015	9.357E-015	µCi/mL	UJ	T06	Plant 6WH LOADOUT (General Area)-Perimeter Air
SLD277331	P6WH LOADOUT	10/03/24	Gross Alpha/Beta	Gross Beta	3.791E-014	1.468E-014	1.777E-014	µCi/mL	=		Plant 6WH LOADOUT (General Area)-Perimeter Air
SLD277332	P6WH LOADOUT	10/03/24	Gross Alpha/Beta	Gross Alpha	-1.52E-15	2.616E-015	9.628E-015	µCi/mL	UJ	T06	Plant 6WH LOADOUT (General Area)-Perimeter Air
SLD277332	P6WH LOADOUT	10/03/24	Gross Alpha/Beta	Gross Beta	3.583E-014	1.472E-014	1.829E-014	µCi/mL	=		Plant 6WH LOADOUT (General Area)-Perimeter Air
SLA270599	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Alpha	4.042E-015	5.334E-015	8.200E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270599	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Beta	8.069E-015	1.402E-014	2.360E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA270600	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Alpha	-6.90E-16	2.443E-015	8.200E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270600	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Beta	2.064E-015	1.335E-014	2.360E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270601	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Alpha	2.859E-015	4.776E-015	8.200E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270601	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Beta	1.032E-014	1.427E-014	2.360E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270602	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Alpha	-1.87E-15	6.240E-016	8.200E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270602	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Beta	5.817E-015	1.377E-014	2.360E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270603	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Alpha	2.859E-015	4.776E-015	8.200E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270603	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Beta	2.383E-014	1.571E-014	2.360E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270604	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Alpha	4.042E-015	5.334E-015	8.200E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270604	SLAPS LOADOUT	01/02/24	Gross Alpha/Beta	Gross Beta	2.064E-015	1.335E-014	2.360E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270605	SLAPS LOADOUT	01/03/24	Gross Alpha/Beta	Gross Alpha	-1.87E-15	6.240E-016	8.200E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270605	SLAPS LOADOUT	01/03/24	Gross Alpha/Beta	Gross Beta	4.035E-014	1.739E-014	2.360E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270606	SLAPS LOADOUT	01/03/24	Gross Alpha/Beta	Gross Alpha	2.859E-015	4.776E-015	8.200E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270606	SLAPS LOADOUT	01/03/24	Gross Alpha/Beta	Gross Beta	6.287E-014	1.958E-014	2.360E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270607	SLAPS LOADOUT	01/03/24	Gross Alpha/Beta	Gross Alpha	4.930E-016	3.401E-015	8.200E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270607	SLAPS LOADOUT	01/03/24	Gross Alpha/Beta	Gross Beta	1.182E-014	1.443E-014	2.360E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270608	SLAPS LOADOUT	01/04/24	Gross Alpha/Beta	Gross Alpha	1.768E-015	4.915E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270608	SLAPS LOADOUT	01/04/24	Gross Alpha/Beta	Gross Beta	3.703E-014	1.702E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270609	SLAPS LOADOUT	01/04/24	Gross Alpha/Beta	Gross Alpha	5.560E-016	4.273E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270609	SLAPS LOADOUT	01/04/24	Gross Alpha/Beta	Gross Beta	3.703E-014	1.702E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270610	SLAPS LOADOUT	01/04/24	Gross Alpha/Beta	Gross Alpha	1.768E-015	4.915E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270610	SLAPS LOADOUT	01/04/24	Gross Alpha/Beta	Gross Beta	3.241E-014	1.655E-014	2.340E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270611	SLAPS LOADOUT	01/05/24	Gross Alpha/Beta	Gross Alpha	-6.57E-16	3.519E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270611	SLAPS LOADOUT	01/05/24	Gross Alpha/Beta	Gross Beta	4.685E-015	1.351E-014	2.340E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270612	SLAPS LOADOUT	01/05/24	Gross Alpha/Beta	Gross Alpha	1.147E-014	8.480E-015	9.770E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270612	SLAPS LOADOUT	01/05/24	Gross Alpha/Beta	Gross Beta	3.626E-014	1.695E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270613	SLAPS LOADOUT	01/05/24	Gross Alpha/Beta	Gross Alpha	9.041E-015	7.738E-015	9.770E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270613	SLAPS LOADOUT	01/05/24	Gross Alpha/Beta	Gross Beta	3.703E-014	1.702E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270614	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Alpha	1.025E-014	8.117E-015	9.770E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270614	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Beta	1.932E-014	1.515E-014	2.340E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270615	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Alpha	5.560E-016	4.273E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270615	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Beta	8.536E-015	1.395E-014	2.340E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270616	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Alpha	-1.87E-15	2.554E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270616	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Beta	2.317E-014	1.557E-014	2.340E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270617	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Alpha	4.192E-015	5.999E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270617	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Beta	2.933E-014	1.622E-014	2.340E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270618	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Alpha	5.560E-016	4.273E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270618	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Beta	1.855E-014	1.507E-014	2.340E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270619	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Alpha	1.025E-014	8.117E-015	9.770E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270619	SLAPS LOADOUT	01/08/24	Gross Alpha/Beta	Gross Beta	5.937E-014	1.926E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270620	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Alpha	1.768E-015	4.915E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270620	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Beta	4.782E-014	1.812E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270621	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Alpha	-1.87E-15	2.554E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA270621	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Beta	4.242E-014	1.758E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270622	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Alpha	9.041E-015	7.738E-015	9.770E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270622	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Beta	9.306E-015	1.404E-014	2.340E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270623	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Alpha	6.617E-015	6.921E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270623	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Beta	2.471E-014	1.573E-014	2.340E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270624	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Alpha	1.147E-014	8.480E-015	9.770E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270624	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Beta	5.475E-014	1.881E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270625	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Alpha	-6.57E-16	3.519E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270625	SLAPS LOADOUT	01/10/24	Gross Alpha/Beta	Gross Beta	1.162E-014	1.430E-014	2.340E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270626	SLAPS LOADOUT	01/11/24	Gross Alpha/Beta	Gross Alpha	2.980E-015	5.483E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270626	SLAPS LOADOUT	01/11/24	Gross Alpha/Beta	Gross Beta	2.625E-014	1.590E-014	2.340E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270627	SLAPS LOADOUT	01/11/24	Gross Alpha/Beta	Gross Alpha	4.192E-015	5.999E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270627	SLAPS LOADOUT	01/11/24	Gross Alpha/Beta	Gross Beta	4.320E-014	1.765E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270628	SLAPS LOADOUT	01/11/24	Gross Alpha/Beta	Gross Alpha	1.768E-015	4.915E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270628	SLAPS LOADOUT	01/11/24	Gross Alpha/Beta	Gross Beta	1.547E-014	1.473E-014	2.340E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270629	SLAPS LOADOUT	01/17/24	Gross Alpha/Beta	Gross Alpha	5.405E-015	6.476E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270629	SLAPS LOADOUT	01/17/24	Gross Alpha/Beta	Gross Beta	5.475E-014	1.881E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270630	SLAPS LOADOUT	01/17/24	Gross Alpha/Beta	Gross Alpha	5.405E-015	6.476E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270630	SLAPS LOADOUT	01/17/24	Gross Alpha/Beta	Gross Beta	5.456E-015	1.360E-014	2.340E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270631	SLAPS LOADOUT	01/17/24	Gross Alpha/Beta	Gross Alpha	9.041E-015	7.738E-015	9.770E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270631	SLAPS LOADOUT	01/17/24	Gross Alpha/Beta	Gross Beta	4.782E-014	1.812E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270632	SLAPS LOADOUT	01/17/24	Gross Alpha/Beta	Gross Alpha	2.980E-015	5.483E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270632	SLAPS LOADOUT	01/17/24	Gross Alpha/Beta	Gross Beta	2.625E-014	1.590E-014	2.340E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270633	SLAPS LOADOUT	01/17/24	Gross Alpha/Beta	Gross Alpha	-6.57E-16	3.519E-015	9.770E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270633	SLAPS LOADOUT	01/17/24	Gross Alpha/Beta	Gross Beta	3.780E-014	1.710E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270634	SLAPS LOADOUT	01/18/24	Gross Alpha/Beta	Gross Alpha	9.359E-015	7.947E-015	9.594E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270634	SLAPS LOADOUT	01/18/24	Gross Alpha/Beta	Gross Beta	3.017E-014	1.420E-014	1.860E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270635	SLAPS LOADOUT	01/18/24	Gross Alpha/Beta	Gross Alpha	4.105E-015	5.928E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270635	SLAPS LOADOUT	01/18/24	Gross Alpha/Beta	Gross Beta	1.736E-014	1.254E-014	1.860E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270636	SLAPS LOADOUT	01/18/24	Gross Alpha/Beta	Gross Alpha	1.478E-015	4.610E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270636	SLAPS LOADOUT	01/18/24	Gross Alpha/Beta	Gross Beta	3.738E-014	1.509E-014	1.860E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270637	SLAPS LOADOUT	01/23/24	Gross Alpha/Beta	Gross Alpha	1.640E-016	3.787E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270637	SLAPS LOADOUT	01/23/24	Gross Alpha/Beta	Gross Beta	2.857E-014	1.400E-014	1.860E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270638	SLAPS LOADOUT	01/23/24	Gross Alpha/Beta	Gross Alpha	4.105E-015	5.928E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270638	SLAPS LOADOUT	01/23/24	Gross Alpha/Beta	Gross Beta	2.617E-014	1.370E-014	1.860E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270639	SLAPS LOADOUT	01/23/24	Gross Alpha/Beta	Gross Alpha	1.640E-016	3.787E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270639	SLAPS LOADOUT	01/23/24	Gross Alpha/Beta	Gross Beta	9.346E-015	1.141E-014	1.860E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270640	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Alpha	2.791E-015	5.309E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270640	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Beta	6.141E-015	1.094E-014	1.860E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270641	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Alpha	1.478E-015	4.610E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270641	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Beta	1.095E-014	1.164E-014	1.860E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270642	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Alpha	4.105E-015	5.928E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270642	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Beta	1.736E-014	1.254E-014	1.860E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA270643	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Alpha	4.105E-015	5.928E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270643	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Beta	2.937E-015	1.045E-014	1.860E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270644	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Alpha	-2.46E-15	7.580E-016	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270644	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Beta	1.335E-015	1.020E-014	1.860E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270645	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Alpha	1.640E-016	3.787E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270645	SLAPS LOADOUT	01/24/24	Gross Alpha/Beta	Gross Beta	9.346E-015	1.141E-014	1.860E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270646	SLAPS LOADOUT	01/25/24	Gross Alpha/Beta	Gross Alpha	2.791E-015	5.309E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270646	SLAPS LOADOUT	01/25/24	Gross Alpha/Beta	Gross Beta	7.744E-015	1.118E-014	1.860E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270647	SLAPS LOADOUT	01/25/24	Gross Alpha/Beta	Gross Alpha	2.791E-015	5.309E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270647	SLAPS LOADOUT	01/25/24	Gross Alpha/Beta	Gross Beta	1.495E-014	1.221E-014	1.860E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270648	SLAPS LOADOUT	01/25/24	Gross Alpha/Beta	Gross Alpha	1.067E-014	8.379E-015	9.594E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270648	SLAPS LOADOUT	01/25/24	Gross Alpha/Beta	Gross Beta	2.857E-014	1.400E-014	1.860E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270649	SLAPS LOADOUT	01/26/24	Gross Alpha/Beta	Gross Alpha	1.478E-015	4.610E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270649	SLAPS LOADOUT	01/26/24	Gross Alpha/Beta	Gross Beta	1.175E-014	1.176E-014	1.860E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270650	SLAPS LOADOUT	01/26/24	Gross Alpha/Beta	Gross Alpha	2.791E-015	5.309E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270650	SLAPS LOADOUT	01/26/24	Gross Alpha/Beta	Gross Beta	-1.07E-15	9.818E-015	1.860E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270651	SLAPS LOADOUT	01/26/24	Gross Alpha/Beta	Gross Alpha	1.640E-016	3.787E-015	9.594E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270651	SLAPS LOADOUT	01/26/24	Gross Alpha/Beta	Gross Beta	-1.87E-15	9.688E-015	1.860E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270652	SLAPS LOADOUT	01/29/24	Gross Alpha/Beta	Gross Alpha	3.776E-015	5.292E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270652	SLAPS LOADOUT	01/29/24	Gross Alpha/Beta	Gross Beta	3.201E-014	1.422E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270653	SLAPS LOADOUT	01/29/24	Gross Alpha/Beta	Gross Alpha	1.034E-014	7.940E-015	8.232E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270653	SLAPS LOADOUT	01/29/24	Gross Alpha/Beta	Gross Beta	4.963E-014	1.634E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270654	SLAPS LOADOUT	01/29/24	Gross Alpha/Beta	Gross Alpha	5.090E-015	5.914E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270654	SLAPS LOADOUT	01/29/24	Gross Alpha/Beta	Gross Beta	5.924E-014	1.743E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270655	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Alpha	3.776E-015	5.292E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270655	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Beta	3.922E-014	1.511E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270656	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Alpha	3.776E-015	5.292E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270656	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Beta	4.082E-014	1.530E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270657	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Alpha	3.776E-015	5.292E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270657	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Beta	1.919E-014	1.254E-014	1.809E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270658	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Alpha	5.090E-015	5.914E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270658	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Beta	4.322E-014	1.559E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270659	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Alpha	6.403E-015	6.478E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270659	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Beta	6.165E-014	1.769E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270660	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Alpha	3.776E-015	5.292E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270660	SLAPS LOADOUT	01/30/24	Gross Alpha/Beta	Gross Beta	1.519E-014	1.199E-014	1.809E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270661	SLAPS LOADOUT	01/31/24	Gross Alpha/Beta	Gross Alpha	2.463E-015	4.589E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270661	SLAPS LOADOUT	01/31/24	Gross Alpha/Beta	Gross Beta	1.759E-014	1.232E-014	1.809E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270662	SLAPS LOADOUT	01/31/24	Gross Alpha/Beta	Gross Alpha	6.403E-015	6.478E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270662	SLAPS LOADOUT	01/31/24	Gross Alpha/Beta	Gross Beta	2.400E-014	1.319E-014	1.809E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270663	SLAPS LOADOUT	01/31/24	Gross Alpha/Beta	Gross Alpha	-1.64E-16	2.688E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270663	SLAPS LOADOUT	01/31/24	Gross Alpha/Beta	Gross Beta	2.560E-014	1.340E-014	1.809E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270664	SLAPS LOADOUT	02/01/24	Gross Alpha/Beta	Gross Alpha	5.090E-015	5.914E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA270664	SLAPS LOADOUT	02/01/24	Gross Alpha/Beta	Gross Beta	3.361E-014	1.442E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270665	SLAPS LOADOUT	02/01/24	Gross Alpha/Beta	Gross Alpha	2.463E-015	4.589E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270665	SLAPS LOADOUT	02/01/24	Gross Alpha/Beta	Gross Beta	1.599E-014	1.210E-014	1.809E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270666	SLAPS LOADOUT	02/01/24	Gross Alpha/Beta	Gross Alpha	2.463E-015	4.589E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270666	SLAPS LOADOUT	02/01/24	Gross Alpha/Beta	Gross Beta	3.682E-014	1.481E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270667	SLAPS LOADOUT	02/02/24	Gross Alpha/Beta	Gross Alpha	5.090E-015	5.914E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270667	SLAPS LOADOUT	02/02/24	Gross Alpha/Beta	Gross Beta	2.961E-014	1.391E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270668	SLAPS LOADOUT	02/02/24	Gross Alpha/Beta	Gross Alpha	1.166E-014	8.373E-015	8.232E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270668	SLAPS LOADOUT	02/02/24	Gross Alpha/Beta	Gross Beta	5.043E-014	1.643E-014	1.809E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270669	SLAPS LOADOUT	02/02/24	Gross Alpha/Beta	Gross Alpha	3.776E-015	5.292E-015	8.232E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270669	SLAPS LOADOUT	02/02/24	Gross Alpha/Beta	Gross Beta	1.999E-014	1.265E-014	1.809E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270670	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Alpha	-5.42E-16	2.436E-015	7.995E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270670	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Beta	2.236E-014	1.474E-014	2.200E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270671	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Alpha	6.410E-016	3.395E-015	7.995E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270671	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Beta	4.023E-014	1.664E-014	2.200E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270672	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Alpha	1.823E-015	4.140E-015	7.995E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270672	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Beta	2.534E-014	1.506E-014	2.200E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270673	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Alpha	6.410E-016	3.395E-015	7.995E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270673	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Beta	1.566E-014	1.399E-014	2.200E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270674	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Alpha	6.410E-016	3.395E-015	7.995E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270674	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Beta	1.790E-014	1.424E-014	2.200E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270675	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Alpha	6.410E-016	3.395E-015	7.995E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270675	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Beta	1.715E-014	1.416E-014	2.200E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270676	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Alpha	6.410E-016	3.395E-015	7.995E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270676	SLAPS LOADOUT	02/05/24	Gross Alpha/Beta	Gross Beta	2.162E-014	1.465E-014	2.200E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270677	SLAPS LOADOUT	02/06/24	Gross Alpha/Beta	Gross Alpha	6.410E-016	3.395E-015	7.995E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270677	SLAPS LOADOUT	02/06/24	Gross Alpha/Beta	Gross Beta	5.139E-014	1.777E-014	2.200E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270678	SLAPS LOADOUT	02/06/24	Gross Alpha/Beta	Gross Alpha	3.005E-015	4.771E-015	7.995E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270678	SLAPS LOADOUT	02/06/24	Gross Alpha/Beta	Gross Beta	3.130E-014	1.570E-014	2.200E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270679	SLAPS LOADOUT	02/06/24	Gross Alpha/Beta	Gross Alpha	4.188E-015	5.330E-015	7.995E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270679	SLAPS LOADOUT	02/06/24	Gross Alpha/Beta	Gross Beta	2.236E-014	1.474E-014	2.200E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270680	SLAPS LOADOUT	02/06/24	Gross Alpha/Beta	Gross Alpha	6.553E-015	6.304E-015	7.995E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270680	SLAPS LOADOUT	02/06/24	Gross Alpha/Beta	Gross Beta	2.534E-014	1.506E-014	2.200E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270681	SLAPS LOADOUT	02/07/24	Gross Alpha/Beta	Gross Alpha	1.683E-015	4.817E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270681	SLAPS LOADOUT	02/07/24	Gross Alpha/Beta	Gross Beta	1.885E-014	1.532E-014	2.380E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270682	SLAPS LOADOUT	02/07/24	Gross Alpha/Beta	Gross Alpha	1.683E-015	4.817E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270682	SLAPS LOADOUT	02/07/24	Gross Alpha/Beta	Gross Beta	5.078E-014	1.862E-014	2.380E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270683	SLAPS LOADOUT	02/07/24	Gross Alpha/Beta	Gross Alpha	1.683E-015	4.817E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270683	SLAPS LOADOUT	02/07/24	Gross Alpha/Beta	Gross Beta	3.443E-014	1.697E-014	2.380E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270684	SLAPS LOADOUT	02/07/24	Gross Alpha/Beta	Gross Alpha	4.059E-015	5.880E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270684	SLAPS LOADOUT	02/07/24	Gross Alpha/Beta	Gross Beta	3.988E-014	1.753E-014	2.380E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270685	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Alpha	2.871E-015	5.374E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270685	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Beta	2.820E-014	1.632E-014	2.380E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA270686	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Alpha	4.059E-015	5.880E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270686	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Beta	4.835E-015	1.375E-014	2.380E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270687	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Alpha	4.950E-016	4.189E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270687	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Beta	4.066E-014	1.761E-014	2.380E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270688	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Alpha	5.247E-015	6.347E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270688	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Beta	5.623E-014	1.916E-014	2.380E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270689	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Alpha	2.871E-015	5.374E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270689	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Beta	3.599E-014	1.713E-014	2.380E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270690	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Alpha	6.435E-015	6.783E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270690	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Beta	4.533E-014	1.808E-014	2.380E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270691	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Alpha	6.435E-015	6.783E-015	9.626E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270691	SLAPS LOADOUT	02/08/24	Gross Alpha/Beta	Gross Beta	2.275E-014	1.574E-014	2.380E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270692	SLAPS LOADOUT	02/09/24	Gross Alpha/Beta	Gross Alpha	-2.57E-15	2.535E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270692	SLAPS LOADOUT	02/09/24	Gross Alpha/Beta	Gross Beta	2.005E-014	1.532E-014	2.355E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270693	SLAPS LOADOUT	02/09/24	Gross Alpha/Beta	Gross Alpha	-1.39E-15	3.471E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270693	SLAPS LOADOUT	02/09/24	Gross Alpha/Beta	Gross Beta	3.563E-014	1.698E-014	2.355E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270694	SLAPS LOADOUT	02/09/24	Gross Alpha/Beta	Gross Alpha	2.178E-015	5.385E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270694	SLAPS LOADOUT	02/09/24	Gross Alpha/Beta	Gross Beta	3.563E-014	1.698E-014	2.355E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270695	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Alpha	-1.98E-16	4.205E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270695	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Beta	1.616E-014	1.489E-014	2.355E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270696	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Alpha	-1.98E-16	4.205E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270696	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Beta	3.719E-014	1.714E-014	2.355E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270696	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Alpha	-1.98E-16	4.205E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270696	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Beta	3.719E-014	1.714E-014	2.355E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270697	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Alpha	5.742E-015	6.789E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270697	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Beta	6.990E-014	2.039E-014	2.355E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270698	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Alpha	4.554E-015	6.354E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270698	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Beta	4.108E-014	1.754E-014	2.355E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270699	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Alpha	2.178E-015	5.385E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270699	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Beta	2.862E-014	1.624E-014	2.355E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270700	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Alpha	3.366E-015	5.889E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270700	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Beta	3.641E-014	1.706E-014	2.355E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270701	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Alpha	2.178E-015	5.385E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270701	SLAPS LOADOUT	02/12/24	Gross Alpha/Beta	Gross Beta	2.083E-014	1.541E-014	2.355E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270702	SLAPS LOADOUT	02/13/24	Gross Alpha/Beta	Gross Alpha	-3.76E-15	9.090E-016	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270702	SLAPS LOADOUT	02/13/24	Gross Alpha/Beta	Gross Beta	6.814E-015	1.384E-014	2.355E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270703	SLAPS LOADOUT	02/13/24	Gross Alpha/Beta	Gross Alpha	4.554E-015	6.354E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270703	SLAPS LOADOUT	02/13/24	Gross Alpha/Beta	Gross Beta	3.563E-014	1.698E-014	2.355E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270704	SLAPS LOADOUT	02/13/24	Gross Alpha/Beta	Gross Alpha	-1.98E-16	4.205E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270704	SLAPS LOADOUT	02/13/24	Gross Alpha/Beta	Gross Beta	3.018E-014	1.641E-014	2.355E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270705	SLAPS LOADOUT	02/13/24	Gross Alpha/Beta	Gross Alpha	9.900E-016	4.830E-015	1.031E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270705	SLAPS LOADOUT	02/13/24	Gross Alpha/Beta	Gross Beta	2.784E-014	1.616E-014	2.355E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270706	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Alpha	1.881E-015	4.813E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270706	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Beta	4.715E-014	1.824E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270707	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Alpha	5.445E-015	6.344E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA270707	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Beta	5.961E-014	1.947E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270708	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Alpha	4.257E-015	5.877E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270708	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Beta	-1.14E-15	1.302E-014	2.374E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270709	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Alpha	5.445E-015	6.344E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270709	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Beta	4.326E-014	1.785E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270710	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Alpha	4.257E-015	5.877E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270710	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Beta	1.366E-014	1.472E-014	2.374E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270711	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Alpha	9.009E-015	7.582E-015	9.416E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270711	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Beta	1.678E-014	1.506E-014	2.374E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270712	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Alpha	3.069E-015	5.371E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270712	SLAPS LOADOUT	02/14/24	Gross Alpha/Beta	Gross Beta	5.649E-014	1.917E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270713	SLAPS LOADOUT	02/15/24	Gross Alpha/Beta	Gross Alpha	-4.95E-16	3.444E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270713	SLAPS LOADOUT	02/15/24	Gross Alpha/Beta	Gross Beta	2.379E-014	1.582E-014	2.374E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270714	SLAPS LOADOUT	02/15/24	Gross Alpha/Beta	Gross Alpha	9.009E-015	7.582E-015	9.416E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270714	SLAPS LOADOUT	02/15/24	Gross Alpha/Beta	Gross Beta	3.858E-014	1.737E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270715	SLAPS LOADOUT	02/15/24	Gross Alpha/Beta	Gross Alpha	1.881E-015	4.813E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270715	SLAPS LOADOUT	02/15/24	Gross Alpha/Beta	Gross Beta	1.678E-014	1.506E-014	2.374E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270716	SLAPS LOADOUT	02/19/24	Gross Alpha/Beta	Gross Alpha	3.069E-015	5.371E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270716	SLAPS LOADOUT	02/19/24	Gross Alpha/Beta	Gross Beta	3.702E-014	1.721E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270717	SLAPS LOADOUT	02/19/24	Gross Alpha/Beta	Gross Alpha	3.069E-015	5.371E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270717	SLAPS LOADOUT	02/19/24	Gross Alpha/Beta	Gross Beta	2.612E-014	1.607E-014	2.374E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270718	SLAPS LOADOUT	02/19/24	Gross Alpha/Beta	Gross Alpha	9.009E-015	7.582E-015	9.416E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270718	SLAPS LOADOUT	02/19/24	Gross Alpha/Beta	Gross Beta	4.637E-014	1.816E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270719	SLAPS LOADOUT	02/20/24	Gross Alpha/Beta	Gross Alpha	6.930E-016	4.184E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270719	SLAPS LOADOUT	02/20/24	Gross Alpha/Beta	Gross Beta	6.652E-015	1.393E-014	2.374E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270720	SLAPS LOADOUT	02/20/24	Gross Alpha/Beta	Gross Alpha	4.257E-015	5.877E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270720	SLAPS LOADOUT	02/20/24	Gross Alpha/Beta	Gross Beta	3.079E-014	1.656E-014	2.374E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270721	SLAPS LOADOUT	02/20/24	Gross Alpha/Beta	Gross Alpha	1.881E-015	4.813E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270721	SLAPS LOADOUT	02/20/24	Gross Alpha/Beta	Gross Beta	2.846E-014	1.632E-014	2.374E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270722	SLAPS LOADOUT	02/20/24	Gross Alpha/Beta	Gross Alpha	3.069E-015	5.371E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270722	SLAPS LOADOUT	02/20/24	Gross Alpha/Beta	Gross Beta	1.678E-014	1.506E-014	2.374E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270723	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Alpha	-1.11E-15	3.696E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270723	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Beta	5.911E-014	1.795E-014	1.952E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270724	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Alpha	1.590E-016	4.482E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270724	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Beta	1.710E-014	1.296E-014	1.952E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270725	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Alpha	3.965E-015	6.285E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270725	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Beta	5.103E-014	1.706E-014	1.952E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270726	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Alpha	1.590E-016	4.482E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270726	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Beta	1.387E-014	1.253E-014	1.952E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270727	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Alpha	-1.11E-15	3.696E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270727	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Beta	4.618E-014	1.651E-014	1.952E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270728	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Alpha	1.428E-015	5.152E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270728	SLAPS LOADOUT	02/21/24	Gross Alpha/Beta	Gross Beta	2.356E-014	1.380E-014	1.952E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA270729	SLAPS LOADOUT	02/22/24	Gross Alpha/Beta	Gross Alpha	2.696E-015	5.746E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270729	SLAPS LOADOUT	02/22/24	Gross Alpha/Beta	Gross Beta	5.264E-014	1.724E-014	1.952E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270730	SLAPS LOADOUT	02/22/24	Gross Alpha/Beta	Gross Alpha	3.965E-015	6.285E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270730	SLAPS LOADOUT	02/22/24	Gross Alpha/Beta	Gross Beta	2.518E-014	1.400E-014	1.952E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270731	SLAPS LOADOUT	02/22/24	Gross Alpha/Beta	Gross Alpha	1.428E-015	5.152E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270731	SLAPS LOADOUT	02/22/24	Gross Alpha/Beta	Gross Beta	5.587E-014	1.759E-014	1.952E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270732	SLAPS LOADOUT	02/23/24	Gross Alpha/Beta	Gross Alpha	1.428E-015	5.152E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270732	SLAPS LOADOUT	02/23/24	Gross Alpha/Beta	Gross Beta	4.780E-014	1.669E-014	1.952E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270733	SLAPS LOADOUT	02/23/24	Gross Alpha/Beta	Gross Alpha	-2.38E-15	2.692E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270733	SLAPS LOADOUT	02/23/24	Gross Alpha/Beta	Gross Beta	2.195E-014	1.359E-014	1.952E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270734	SLAPS LOADOUT	02/23/24	Gross Alpha/Beta	Gross Alpha	2.696E-015	5.746E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270734	SLAPS LOADOUT	02/23/24	Gross Alpha/Beta	Gross Beta	1.629E-014	1.285E-014	1.952E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270735	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Alpha	6.503E-015	7.248E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270735	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Beta	4.699E-014	1.660E-014	1.952E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270736	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Alpha	3.965E-015	6.285E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270736	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Beta	4.699E-014	1.660E-014	1.952E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270737	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Alpha	2.696E-015	5.746E-015	1.066E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270737	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Beta	3.164E-014	1.480E-014	1.952E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270738	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Alpha	-1.68E-15	2.496E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270738	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Beta	5.873E-015	1.384E-014	2.374E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270739	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Alpha	7.821E-015	7.192E-015	9.416E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270739	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Beta	3.391E-014	1.689E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270740	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Alpha	3.069E-015	5.371E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270740	SLAPS LOADOUT	02/26/24	Gross Alpha/Beta	Gross Beta	4.481E-014	1.800E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270741	SLAPS LOADOUT	02/27/24	Gross Alpha/Beta	Gross Alpha	1.138E-014	8.310E-015	9.416E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270741	SLAPS LOADOUT	02/27/24	Gross Alpha/Beta	Gross Beta	4.559E-014	1.808E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270742	SLAPS LOADOUT	02/27/24	Gross Alpha/Beta	Gross Alpha	1.495E-014	9.302E-015	9.416E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA270742	SLAPS LOADOUT	02/27/24	Gross Alpha/Beta	Gross Beta	3.547E-014	1.705E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270743	SLAPS LOADOUT	02/27/24	Gross Alpha/Beta	Gross Alpha	4.257E-015	5.877E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270743	SLAPS LOADOUT	02/27/24	Gross Alpha/Beta	Gross Beta	1.756E-014	1.515E-014	2.374E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270744	SLAPS LOADOUT	02/28/24	Gross Alpha/Beta	Gross Alpha	5.445E-015	6.344E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270744	SLAPS LOADOUT	02/28/24	Gross Alpha/Beta	Gross Beta	2.067E-014	1.549E-014	2.374E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270745	SLAPS LOADOUT	02/28/24	Gross Alpha/Beta	Gross Alpha	-4.95E-16	3.444E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270745	SLAPS LOADOUT	02/28/24	Gross Alpha/Beta	Gross Beta	4.316E-015	1.366E-014	2.374E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270746	SLAPS LOADOUT	02/28/24	Gross Alpha/Beta	Gross Alpha	4.257E-015	5.877E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270746	SLAPS LOADOUT	02/28/24	Gross Alpha/Beta	Gross Beta	1.678E-014	1.506E-014	2.374E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270747	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Alpha	-4.95E-16	3.444E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270747	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Beta	9.767E-015	1.428E-014	2.374E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270748	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Alpha	4.257E-015	5.877E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270748	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Beta	2.067E-014	1.549E-014	2.374E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270749	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Alpha	4.257E-015	5.877E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270749	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Beta	2.067E-014	1.549E-014	2.374E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270750	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Alpha	6.633E-015	6.781E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA270750	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Beta	4.248E-014	1.777E-014	2.374E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA270751	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Alpha	6.930E-016	4.184E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270751	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Beta	1.210E-014	1.455E-014	2.374E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270752	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Alpha	6.930E-016	4.184E-015	9.416E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270752	SLAPS LOADOUT	02/29/24	Gross Alpha/Beta	Gross Beta	2.301E-014	1.574E-014	2.374E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA270753	SLAPS LOADOUT	03/01/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	3.869E-015	9.990E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270753	SLAPS LOADOUT	03/01/24	Gross Alpha/Beta	Gross Beta	1.019E-014	1.585E-014	2.647E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270754	SLAPS LOADOUT	03/01/24	Gross Alpha/Beta	Gross Alpha	1.386E-015	4.870E-015	1.034E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA270754	SLAPS LOADOUT	03/01/24	Gross Alpha/Beta	Gross Beta	4.807E-014	2.031E-014	2.739E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273918	SLAPS LOADOUT	03/01/24	Gross Alpha/Beta	Gross Alpha	-2.786E-15	8.310E-016	1.038E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273918	SLAPS LOADOUT	03/01/24	Gross Alpha/Beta	Gross Beta	-2.56E-15	1.499E-014	2.751E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273919	SLAPS LOADOUT	03/01/24	Gross Alpha/Beta	Gross Alpha	5.361E-015	6.623E-015	9.990E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273919	SLAPS LOADOUT	03/01/24	Gross Alpha/Beta	Gross Beta	3.044E-014	1.801E-014	2.647E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273920	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Alpha	3.547E-015	5.339E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273920	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Beta	-7.38E-15	1.211E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273921	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Alpha	2.365E-015	4.782E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273921	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Beta	1.272E-014	1.439E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273922	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Alpha	4.730E-015	5.844E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273922	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Beta	3.356E-014	1.658E-014	2.336E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273923	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Alpha	8.277E-015	7.155E-015	8.815E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273923	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Beta	2.388E-014	1.558E-014	2.336E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273924	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	3.414E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273924	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Beta	2.165E-014	1.535E-014	2.336E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273925	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Alpha	3.547E-015	5.339E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273925	SLAPS LOADOUT	03/04/24	Gross Alpha/Beta	Gross Beta	2.760E-014	1.597E-014	2.336E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273926	SLAPS LOADOUT	03/05/24	Gross Alpha/Beta	Gross Alpha	2.365E-015	4.782E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273926	SLAPS LOADOUT	03/05/24	Gross Alpha/Beta	Gross Beta	1.346E-014	1.447E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273927	SLAPS LOADOUT	03/05/24	Gross Alpha/Beta	Gross Alpha	3.547E-015	5.339E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273927	SLAPS LOADOUT	03/05/24	Gross Alpha/Beta	Gross Beta	1.569E-014	1.471E-014	2.336E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273928	SLAPS LOADOUT	03/05/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	3.414E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273928	SLAPS LOADOUT	03/05/24	Gross Alpha/Beta	Gross Beta	6.200E-017	1.298E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273929	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	3.414E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273929	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Beta	1.346E-014	1.447E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273930	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Alpha	1.183E-015	4.154E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273930	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Beta	3.040E-015	1.332E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273931	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Alpha	1.183E-015	4.154E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273931	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Beta	8.250E-015	1.390E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273932	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Alpha	1.183E-015	4.154E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273932	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Beta	1.048E-014	1.415E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273933	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	3.414E-015	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273933	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Beta	6.762E-015	1.374E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273934	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Alpha	-2.37E-15	7.060E-016	8.815E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273934	SLAPS LOADOUT	03/06/24	Gross Alpha/Beta	Gross Beta	1.421E-014	1.455E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA273935	SLAPS LOADOUT	03/07/24	Gross Alpha/Beta	Gross Alpha	5.910E-016	3.397E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273935	SLAPS LOADOUT	03/07/24	Gross Alpha/Beta	Gross Beta	3.545E-014	1.645E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273936	SLAPS LOADOUT	03/07/24	Gross Alpha/Beta	Gross Alpha	4.139E-015	5.330E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273936	SLAPS LOADOUT	03/07/24	Gross Alpha/Beta	Gross Beta	7.165E-015	1.340E-014	2.268E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273937	SLAPS LOADOUT	03/07/24	Gross Alpha/Beta	Gross Alpha	7.686E-015	6.740E-015	8.063E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273937	SLAPS LOADOUT	03/07/24	Gross Alpha/Beta	Gross Beta	2.950E-014	1.583E-014	2.268E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273938	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Alpha	2.956E-015	4.772E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273938	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Beta	4.438E-014	1.736E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273939	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Alpha	5.910E-016	3.397E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273939	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Beta	1.982E-014	1.480E-014	2.268E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273940	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Alpha	2.956E-015	4.772E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273940	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Beta	1.908E-014	1.472E-014	2.268E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273941	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Alpha	5.910E-016	3.397E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273941	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Beta	3.173E-014	1.607E-014	2.268E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273942	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Alpha	1.774E-015	4.141E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273942	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Beta	2.131E-014	1.496E-014	2.268E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273943	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Alpha	4.139E-015	5.330E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273943	SLAPS LOADOUT	03/11/24	Gross Alpha/Beta	Gross Beta	3.843E-014	1.676E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273944	SLAPS LOADOUT	03/12/24	Gross Alpha/Beta	Gross Alpha	2.956E-015	4.772E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273944	SLAPS LOADOUT	03/12/24	Gross Alpha/Beta	Gross Beta	3.620E-014	1.653E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273945	SLAPS LOADOUT	03/12/24	Gross Alpha/Beta	Gross Alpha	4.139E-015	5.330E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273945	SLAPS LOADOUT	03/12/24	Gross Alpha/Beta	Gross Beta	3.322E-014	1.622E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273946	SLAPS LOADOUT	03/12/24	Gross Alpha/Beta	Gross Alpha	2.956E-015	4.772E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273946	SLAPS LOADOUT	03/12/24	Gross Alpha/Beta	Gross Beta	4.885E-014	1.781E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273947	SLAPS LOADOUT	03/13/24	Gross Alpha/Beta	Gross Alpha	1.774E-015	4.141E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273947	SLAPS LOADOUT	03/13/24	Gross Alpha/Beta	Gross Beta	3.322E-014	1.622E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273948	SLAPS LOADOUT	03/13/24	Gross Alpha/Beta	Gross Alpha	1.005E-014	7.541E-015	8.063E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273948	SLAPS LOADOUT	03/13/24	Gross Alpha/Beta	Gross Beta	2.726E-014	1.560E-014	2.268E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273949	SLAPS LOADOUT	03/13/24	Gross Alpha/Beta	Gross Alpha	6.504E-015	6.304E-015	8.063E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273949	SLAPS LOADOUT	03/13/24	Gross Alpha/Beta	Gross Beta	5.853E-014	1.876E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273950	SLAPS LOADOUT	03/13/24	Gross Alpha/Beta	Gross Alpha	1.005E-014	7.541E-015	8.063E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273950	SLAPS LOADOUT	03/13/24	Gross Alpha/Beta	Gross Beta	5.332E-014	1.825E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273951	SLAPS LOADOUT	03/14/24	Gross Alpha/Beta	Gross Alpha	1.242E-014	8.267E-015	8.063E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273951	SLAPS LOADOUT	03/14/24	Gross Alpha/Beta	Gross Beta	3.694E-014	1.660E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273952	SLAPS LOADOUT	03/14/24	Gross Alpha/Beta	Gross Alpha	1.478E-014	8.939E-015	8.063E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273952	SLAPS LOADOUT	03/14/24	Gross Alpha/Beta	Gross Beta	1.759E-014	1.456E-014	2.268E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273953	SLAPS LOADOUT	03/14/24	Gross Alpha/Beta	Gross Alpha	1.005E-014	7.541E-015	8.063E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273953	SLAPS LOADOUT	03/14/24	Gross Alpha/Beta	Gross Beta	3.843E-014	1.676E-014	2.268E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273954	SLAPS LOADOUT	03/15/24	Gross Alpha/Beta	Gross Alpha	5.290E-016	3.648E-015	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273954	SLAPS LOADOUT	03/15/24	Gross Alpha/Beta	Gross Beta	1.141E-014	1.163E-014	1.843E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273955	SLAPS LOADOUT	03/15/24	Gross Alpha/Beta	Gross Alpha	-7.40E-16	2.621E-015	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273955	SLAPS LOADOUT	03/15/24	Gross Alpha/Beta	Gross Beta	2.595E-014	1.361E-014	1.843E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273956	SLAPS LOADOUT	03/15/24	Gross Alpha/Beta	Gross Alpha	1.798E-015	4.446E-015	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA273956	SLAPS LOADOUT	03/15/24	Gross Alpha/Beta	Gross Beta	1.868E-014	1.265E-014	1.843E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273957	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Alpha	-2.01E-15	6.690E-016	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273957	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Beta	1.949E-014	1.276E-014	1.843E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273958	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Alpha	1.798E-015	4.446E-015	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273958	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Beta	-4.75E-15	9.074E-015	1.843E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273959	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Alpha	-7.40E-16	2.621E-015	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273959	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Beta	6.564E-015	1.091E-014	1.843E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273960	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Alpha	1.798E-015	4.446E-015	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273960	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Beta	7.371E-015	1.103E-014	1.843E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273961	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Alpha	3.066E-015	5.123E-015	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273961	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Beta	7.371E-015	1.103E-014	1.843E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273962	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Alpha	-2.01E-15	6.690E-016	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273962	SLAPS LOADOUT	03/18/24	Gross Alpha/Beta	Gross Beta	1.060E-014	1.151E-014	1.843E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273963	SLAPS LOADOUT	03/19/24	Gross Alpha/Beta	Gross Alpha	6.873E-015	6.766E-015	8.795E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273963	SLAPS LOADOUT	03/19/24	Gross Alpha/Beta	Gross Beta	2.676E-014	1.372E-014	1.843E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273964	SLAPS LOADOUT	03/19/24	Gross Alpha/Beta	Gross Alpha	4.335E-015	5.721E-015	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273964	SLAPS LOADOUT	03/19/24	Gross Alpha/Beta	Gross Beta	2.272E-014	1.319E-014	1.843E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273965	SLAPS LOADOUT	03/19/24	Gross Alpha/Beta	Gross Alpha	6.873E-015	6.766E-015	8.795E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273965	SLAPS LOADOUT	03/19/24	Gross Alpha/Beta	Gross Beta	1.949E-014	1.276E-014	1.843E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273966	SLAPS LOADOUT	03/20/24	Gross Alpha/Beta	Gross Alpha	-2.01E-15	6.690E-016	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273966	SLAPS LOADOUT	03/20/24	Gross Alpha/Beta	Gross Beta	8.987E-015	1.127E-014	1.843E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273966	SLAPS LOADOUT	03/20/24	Gross Alpha/Beta	Gross Alpha	-7.40E-16	2.621E-015	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273967	SLAPS LOADOUT	03/20/24	Gross Alpha/Beta	Gross Beta	7.371E-015	1.103E-014	1.843E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273968	SLAPS LOADOUT	03/20/24	Gross Alpha/Beta	Gross Alpha	5.290E-016	3.648E-015	8.795E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273968	SLAPS LOADOUT	03/20/24	Gross Alpha/Beta	Gross Beta	2.676E-014	1.372E-014	1.843E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273969	SLAPS LOADOUT	03/21/24	Gross Alpha/Beta	Gross Alpha	1.354E-014	8.891E-015	8.451E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273969	SLAPS LOADOUT	03/21/24	Gross Alpha/Beta	Gross Beta	1.872E-014	1.280E-014	1.875E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273970	SLAPS LOADOUT	03/21/24	Gross Alpha/Beta	Gross Alpha	8.460E-016	3.688E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273970	SLAPS LOADOUT	03/21/24	Gross Alpha/Beta	Gross Beta	1.952E-014	1.291E-014	1.875E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273971	SLAPS LOADOUT	03/21/24	Gross Alpha/Beta	Gross Alpha	-4.23E-16	2.675E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273971	SLAPS LOADOUT	03/21/24	Gross Alpha/Beta	Gross Beta	1.387E-014	1.213E-014	1.875E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273972	SLAPS LOADOUT	03/25/24	Gross Alpha/Beta	Gross Alpha	5.921E-015	6.290E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273972	SLAPS LOADOUT	03/25/24	Gross Alpha/Beta	Gross Beta	2.437E-014	1.355E-014	1.875E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273973	SLAPS LOADOUT	03/25/24	Gross Alpha/Beta	Gross Alpha	2.115E-015	4.479E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273973	SLAPS LOADOUT	03/25/24	Gross Alpha/Beta	Gross Beta	2.195E-014	1.323E-014	1.875E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273974	SLAPS LOADOUT	03/25/24	Gross Alpha/Beta	Gross Alpha	9.728E-015	7.696E-015	8.451E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273974	SLAPS LOADOUT	03/25/24	Gross Alpha/Beta	Gross Beta	2.518E-014	1.365E-014	1.875E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273975	SLAPS LOADOUT	03/26/24	Gross Alpha/Beta	Gross Alpha	-1.69E-15	8.560E-016	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273975	SLAPS LOADOUT	03/26/24	Gross Alpha/Beta	Gross Beta	2.922E-014	1.417E-014	1.875E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273976	SLAPS LOADOUT	03/26/24	Gross Alpha/Beta	Gross Alpha	3.384E-015	5.152E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273976	SLAPS LOADOUT	03/26/24	Gross Alpha/Beta	Gross Beta	8.213E-015	1.133E-014	1.875E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273977	SLAPS LOADOUT	03/26/24	Gross Alpha/Beta	Gross Alpha	4.653E-015	5.748E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273977	SLAPS LOADOUT	03/26/24	Gross Alpha/Beta	Gross Beta	1.306E-014	1.202E-014	1.875E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA273978	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Alpha	2.115E-015	4.479E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273978	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Beta	1.468E-014	1.225E-014	1.875E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273979	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Alpha	3.384E-015	5.152E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273979	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Beta	1.225E-014	1.191E-014	1.875E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273980	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Alpha	8.460E-016	3.688E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273980	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Beta	1.387E-014	1.213E-014	1.875E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273981	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Alpha	7.190E-015	6.789E-015	8.451E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273981	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Beta	1.064E-014	1.168E-014	1.875E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273982	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Alpha	8.460E-016	3.688E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273982	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Beta	9.021E-015	1.144E-014	1.875E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273983	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Alpha	2.115E-015	4.479E-015	8.451E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273983	SLAPS LOADOUT	03/27/24	Gross Alpha/Beta	Gross Beta	6.597E-015	1.109E-014	1.875E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273984	SLAPS LOADOUT	03/28/24	Gross Alpha/Beta	Gross Alpha	6.163E-015	1.083E-014	1.889E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273984	SLAPS LOADOUT	03/28/24	Gross Alpha/Beta	Gross Beta	6.703E-014	3.316E-014	4.380E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273985	SLAPS LOADOUT	03/28/24	Gross Alpha/Beta	Gross Alpha	6.344E-015	6.278E-015	7.779E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273985	SLAPS LOADOUT	03/28/24	Gross Alpha/Beta	Gross Beta	3.083E-014	1.407E-014	1.804E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273986	SLAPS LOADOUT	03/28/24	Gross Alpha/Beta	Gross Alpha	6.344E-015	6.278E-015	7.779E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273986	SLAPS LOADOUT	03/28/24	Gross Alpha/Beta	Gross Beta	2.033E-014	1.269E-014	1.804E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273987	SLAPS LOADOUT	03/28/24	Gross Alpha/Beta	Gross Alpha	3.807E-015	5.136E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273987	SLAPS LOADOUT	03/28/24	Gross Alpha/Beta	Gross Beta	1.872E-014	1.246E-014	1.804E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273988	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Alpha	3.807E-015	5.136E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273988	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Beta	9.829E-015	1.119E-014	1.804E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273989	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Alpha	5.076E-015	5.735E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273989	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Beta	4.295E-014	1.556E-014	1.804E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273990	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Alpha	5.076E-015	5.735E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273990	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Beta	3.002E-014	1.397E-014	1.804E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273991	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Alpha	6.344E-015	6.278E-015	7.779E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273991	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Beta	5.426E-014	1.688E-014	1.804E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273992	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Alpha	5.076E-015	5.735E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273992	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Beta	2.356E-014	1.312E-014	1.804E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA273993	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Alpha	5.076E-015	5.735E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273993	SLAPS LOADOUT	04/01/24	Gross Alpha/Beta	Gross Beta	5.789E-015	1.057E-014	1.804E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273994	SLAPS LOADOUT	04/02/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	2.641E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273994	SLAPS LOADOUT	04/02/24	Gross Alpha/Beta	Gross Beta	1.064E-014	1.131E-014	1.804E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273995	SLAPS LOADOUT	04/02/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	2.641E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273995	SLAPS LOADOUT	04/02/24	Gross Alpha/Beta	Gross Beta	1.468E-014	1.190E-014	1.804E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273996	SLAPS LOADOUT	04/02/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	2.641E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273996	SLAPS LOADOUT	04/02/24	Gross Alpha/Beta	Gross Beta	4.174E-015	1.032E-014	1.804E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273997	SLAPS LOADOUT	04/03/24	Gross Alpha/Beta	Gross Alpha	1.269E-015	3.664E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273997	SLAPS LOADOUT	04/03/24	Gross Alpha/Beta	Gross Beta	1.548E-014	1.201E-014	1.804E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA273998	SLAPS LOADOUT	04/03/24	Gross Alpha/Beta	Gross Alpha	2.538E-015	4.460E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA273998	SLAPS LOADOUT	04/03/24	Gross Alpha/Beta	Gross Beta	2.760E-014	1.365E-014	1.804E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA273999	SLAPS LOADOUT	04/03/24	Gross Alpha/Beta	Gross Alpha	2.538E-015	4.460E-015	7.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA273999	SLAPS LOADOUT	04/03/24	Gross Alpha/Beta	Gross Beta	1.306E-014	1.166E-014	1.804E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274000	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Alpha	-1.68E-15	5.880E-016	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274000	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Beta	7.320E-015	1.365E-014	2.310E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274001	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Alpha	6.900E-016	3.394E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274001	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Beta	1.476E-014	1.448E-014	2.310E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274002	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Alpha	1.872E-015	4.139E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274002	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Beta	1.551E-014	1.456E-014	2.310E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274003	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Alpha	3.055E-015	4.770E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274003	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Beta	6.575E-015	1.357E-014	2.310E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274004	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Alpha	5.420E-015	5.836E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274004	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Beta	7.320E-015	1.365E-014	2.310E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274005	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Alpha	6.900E-016	3.394E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274005	SLAPS LOADOUT	04/04/24	Gross Alpha/Beta	Gross Beta	3.598E-015	1.323E-014	2.310E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274006	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Alpha	5.420E-015	5.836E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274006	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Beta	2.072E-014	1.512E-014	2.310E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274007	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Alpha	4.237E-015	5.329E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274007	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Beta	1.030E-014	1.399E-014	2.310E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274008	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Alpha	1.251E-014	8.267E-015	7.926E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274008	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Beta	4.342E-015	1.332E-014	2.310E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274009	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Alpha	3.055E-015	4.770E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274009	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Beta	2.295E-014	1.535E-014	2.310E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274010	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Alpha	1.872E-015	4.139E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274010	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Beta	1.402E-014	1.439E-014	2.310E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274011	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Alpha	6.602E-015	6.303E-015	7.926E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274011	SLAPS LOADOUT	04/08/24	Gross Alpha/Beta	Gross Beta	1.997E-014	1.504E-014	2.310E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274012	SLAPS LOADOUT	04/09/24	Gross Alpha/Beta	Gross Alpha	3.055E-015	4.770E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274012	SLAPS LOADOUT	04/09/24	Gross Alpha/Beta	Gross Beta	2.816E-014	1.590E-014	2.310E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274013	SLAPS LOADOUT	04/09/24	Gross Alpha/Beta	Gross Alpha	1.872E-015	4.139E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274013	SLAPS LOADOUT	04/09/24	Gross Alpha/Beta	Gross Beta	1.923E-014	1.496E-014	2.310E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274014	SLAPS LOADOUT	04/09/24	Gross Alpha/Beta	Gross Alpha	4.237E-015	5.329E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274014	SLAPS LOADOUT	04/09/24	Gross Alpha/Beta	Gross Beta	1.476E-014	1.448E-014	2.310E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274015	SLAPS LOADOUT	04/09/24	Gross Alpha/Beta	Gross Alpha	1.872E-015	4.139E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274015	SLAPS LOADOUT	04/09/24	Gross Alpha/Beta	Gross Beta	3.486E-014	1.659E-014	2.310E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274016	SLAPS LOADOUT	04/10/24	Gross Alpha/Beta	Gross Alpha	1.133E-014	7.911E-015	7.926E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274016	SLAPS LOADOUT	04/10/24	Gross Alpha/Beta	Gross Beta	1.774E-014	1.480E-014	2.310E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274050	SLAPS LOADOUT	04/10/24	Gross Alpha/Beta	Gross Alpha	5.420E-015	5.836E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274050	SLAPS LOADOUT	04/10/24	Gross Alpha/Beta	Gross Beta	2.667E-014	1.574E-014	2.310E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274051	SLAPS LOADOUT	04/10/24	Gross Alpha/Beta	Gross Alpha	5.420E-015	5.836E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274051	SLAPS LOADOUT	04/10/24	Gross Alpha/Beta	Gross Beta	3.263E-014	1.636E-014	2.310E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274072	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Alpha	2.128E-015	4.809E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274072	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Beta	5.841E-015	1.375E-014	2.359E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274073	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Alpha	1.638E-014	9.611E-015	9.142E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274073	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Beta	2.998E-014	1.641E-014	2.359E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA274074	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Alpha	8.068E-015	7.190E-015	9.142E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274074	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Beta	4.322E-014	1.778E-014	2.359E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274075	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Alpha	5.692E-015	6.342E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274075	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Beta	2.453E-014	1.583E-014	2.359E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274076	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Alpha	6.880E-015	6.779E-015	9.142E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274076	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Beta	5.179E-014	1.864E-014	2.359E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274077	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Alpha	1.163E-014	8.309E-015	9.142E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274077	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Beta	3.699E-014	1.714E-014	2.359E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274078	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Alpha	4.504E-015	5.874E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274078	SLAPS LOADOUT	04/22/24	Gross Alpha/Beta	Gross Beta	1.519E-014	1.481E-014	2.359E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274079	SLAPS LOADOUT	04/23/24	Gross Alpha/Beta	Gross Alpha	1.282E-014	8.651E-015	9.142E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274079	SLAPS LOADOUT	04/23/24	Gross Alpha/Beta	Gross Beta	4.790E-014	1.825E-014	2.359E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274080	SLAPS LOADOUT	04/23/24	Gross Alpha/Beta	Gross Alpha	3.316E-015	5.367E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274080	SLAPS LOADOUT	04/23/24	Gross Alpha/Beta	Gross Beta	4.167E-014	1.762E-014	2.359E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274081	SLAPS LOADOUT	04/23/24	Gross Alpha/Beta	Gross Alpha	9.256E-015	7.580E-015	9.142E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274081	SLAPS LOADOUT	04/23/24	Gross Alpha/Beta	Gross Beta	1.752E-014	1.506E-014	2.359E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274082	SLAPS LOADOUT	04/23/24	Gross Alpha/Beta	Gross Alpha	3.316E-015	5.367E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274082	SLAPS LOADOUT	04/23/24	Gross Alpha/Beta	Gross Beta	2.375E-014	1.574E-014	2.359E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274083	SLAPS LOADOUT	04/24/24	Gross Alpha/Beta	Gross Alpha	2.128E-015	4.809E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274083	SLAPS LOADOUT	04/24/24	Gross Alpha/Beta	Gross Beta	8.956E-015	1.410E-014	2.359E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274084	SLAPS LOADOUT	04/24/24	Gross Alpha/Beta	Gross Alpha	2.128E-015	4.809E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274084	SLAPS LOADOUT	04/24/24	Gross Alpha/Beta	Gross Beta	2.843E-014	1.624E-014	2.359E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274085	SLAPS LOADOUT	04/24/24	Gross Alpha/Beta	Gross Alpha	1.401E-014	8.982E-015	9.142E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274085	SLAPS LOADOUT	04/24/24	Gross Alpha/Beta	Gross Beta	4.089E-014	1.754E-014	2.359E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274086	SLAPS LOADOUT	04/24/24	Gross Alpha/Beta	Gross Alpha	1.044E-014	7.952E-015	9.142E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274086	SLAPS LOADOUT	04/24/24	Gross Alpha/Beta	Gross Beta	3.699E-014	1.714E-014	2.359E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274087	SLAPS LOADOUT	04/25/24	Gross Alpha/Beta	Gross Alpha	5.075E-015	5.840E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274087	SLAPS LOADOUT	04/25/24	Gross Alpha/Beta	Gross Beta	3.505E-015	1.306E-014	2.282E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274088	SLAPS LOADOUT	04/25/24	Gross Alpha/Beta	Gross Alpha	5.075E-015	5.840E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274088	SLAPS LOADOUT	04/25/24	Gross Alpha/Beta	Gross Beta	3.254E-014	1.622E-014	2.282E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274089	SLAPS LOADOUT	04/25/24	Gross Alpha/Beta	Gross Alpha	3.892E-015	5.334E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274089	SLAPS LOADOUT	04/25/24	Gross Alpha/Beta	Gross Beta	3.105E-014	1.606E-014	2.282E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274090	SLAPS LOADOUT	04/25/24	Gross Alpha/Beta	Gross Alpha	3.450E-016	3.404E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274090	SLAPS LOADOUT	04/25/24	Gross Alpha/Beta	Gross Beta	3.402E-014	1.637E-014	2.282E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274091	SLAPS LOADOUT	04/18/24	Gross Alpha/Beta	Gross Alpha	6.257E-015	6.307E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274091	SLAPS LOADOUT	04/18/24	Gross Alpha/Beta	Gross Beta	3.626E-014	1.660E-014	2.282E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274092	SLAPS LOADOUT	04/18/24	Gross Alpha/Beta	Gross Alpha	-2.02E-15	6.490E-016	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274092	SLAPS LOADOUT	04/18/24	Gross Alpha/Beta	Gross Beta	3.254E-014	1.622E-014	2.282E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274093	SLAPS LOADOUT	04/18/24	Gross Alpha/Beta	Gross Alpha	1.527E-015	4.146E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274093	SLAPS LOADOUT	04/18/24	Gross Alpha/Beta	Gross Beta	3.402E-014	1.637E-014	2.282E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274094	SLAPS LOADOUT	04/18/24	Gross Alpha/Beta	Gross Alpha	-2.02E-15	6.490E-016	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274094	SLAPS LOADOUT	04/18/24	Gross Alpha/Beta	Gross Beta	-6.17E-15	1.191E-014	2.282E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274095	SLAPS LOADOUT	04/29/24	Gross Alpha/Beta	Gross Alpha	2.710E-015	4.776E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA274095	SLAPS LOADOUT	04/29/24	Gross Alpha/Beta	Gross Beta	2.360E-014	1.528E-014	2.282E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274096	SLAPS LOADOUT	04/29/24	Gross Alpha/Beta	Gross Alpha	3.450E-016	3.404E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274096	SLAPS LOADOUT	04/29/24	Gross Alpha/Beta	Gross Beta	7.971E-015	1.357E-014	2.282E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274097	SLAPS LOADOUT	04/29/24	Gross Alpha/Beta	Gross Alpha	3.892E-015	5.334E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274097	SLAPS LOADOUT	04/29/24	Gross Alpha/Beta	Gross Beta	2.137E-014	1.504E-014	2.282E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274098	SLAPS LOADOUT	04/29/24	Gross Alpha/Beta	Gross Alpha	2.710E-015	4.776E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274098	SLAPS LOADOUT	04/29/24	Gross Alpha/Beta	Gross Beta	1.988E-014	1.488E-014	2.282E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274099	SLAPS LOADOUT	04/30/24	Gross Alpha/Beta	Gross Alpha	2.128E-015	4.809E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274099	SLAPS LOADOUT	04/30/24	Gross Alpha/Beta	Gross Beta	3.699E-014	1.714E-014	2.359E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274100	SLAPS LOADOUT	04/30/24	Gross Alpha/Beta	Gross Alpha	9.400E-016	4.178E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274100	SLAPS LOADOUT	04/30/24	Gross Alpha/Beta	Gross Beta	7.398E-015	1.393E-014	2.359E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274101	SLAPS LOADOUT	04/30/24	Gross Alpha/Beta	Gross Alpha	9.400E-016	4.178E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274101	SLAPS LOADOUT	04/30/24	Gross Alpha/Beta	Gross Beta	1.285E-014	1.455E-014	2.359E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274102	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Alpha	5.692E-015	6.342E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274102	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Beta	2.375E-014	1.574E-014	2.359E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274103	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Alpha	-2.47E-16	3.437E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274103	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Beta	1.363E-014	1.463E-014	2.359E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274104	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Alpha	-1.44E-15	2.485E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274104	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Beta	6.620E-015	1.384E-014	2.359E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274105	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Alpha	4.504E-015	5.874E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274105	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Beta	1.441E-014	1.472E-014	2.359E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274106	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Alpha	2.128E-015	4.809E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274106	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Beta	2.726E-015	1.338E-014	2.359E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274107	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Alpha	9.400E-016	4.178E-015	9.142E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274107	SLAPS LOADOUT	05/01/24	Gross Alpha/Beta	Gross Beta	2.531E-014	1.591E-014	2.359E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274108	SLAPS LOADOUT	05/02/24	Gross Alpha/Beta	Gross Alpha	-9.52E-16	2.630E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274108	SLAPS LOADOUT	05/02/24	Gross Alpha/Beta	Gross Beta	8.750E-016	1.016E-014	1.867E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274109	SLAPS LOADOUT	05/02/24	Gross Alpha/Beta	Gross Alpha	-9.52E-16	2.630E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274109	SLAPS LOADOUT	05/02/24	Gross Alpha/Beta	Gross Beta	3.642E-014	1.502E-014	1.867E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274110	SLAPS LOADOUT	05/02/24	Gross Alpha/Beta	Gross Alpha	6.662E-015	6.768E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274110	SLAPS LOADOUT	05/02/24	Gross Alpha/Beta	Gross Beta	2.430E-014	1.350E-014	1.867E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274111	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Alpha	-9.52E-16	2.630E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274111	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Beta	4.914E-015	1.079E-014	1.867E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274112	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Alpha	2.855E-015	5.126E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274112	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Beta	1.461E-014	1.220E-014	1.867E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274113	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Alpha	2.855E-015	5.126E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274113	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Beta	1.865E-014	1.275E-014	1.867E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274114	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Alpha	-9.52E-16	2.630E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274114	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Beta	1.784E-014	1.264E-014	1.867E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274115	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Alpha	4.124E-015	5.724E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274115	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Beta	1.219E-014	1.186E-014	1.867E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274116	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Alpha	-9.52E-16	2.630E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274116	SLAPS LOADOUT	05/06/24	Gross Alpha/Beta	Gross Beta	1.057E-014	1.163E-014	1.867E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA274117	SLAPS LOADOUT	05/07/24	Gross Alpha/Beta	Gross Alpha	2.855E-015	5.126E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274117	SLAPS LOADOUT	05/07/24	Gross Alpha/Beta	Gross Beta	1.946E-014	1.286E-014	1.867E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274118	SLAPS LOADOUT	05/07/24	Gross Alpha/Beta	Gross Alpha	4.124E-015	5.724E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274118	SLAPS LOADOUT	05/07/24	Gross Alpha/Beta	Gross Beta	1.622E-014	1.242E-014	1.867E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274119	SLAPS LOADOUT	05/07/24	Gross Alpha/Beta	Gross Alpha	-2.22E-15	7.060E-016	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274119	SLAPS LOADOUT	05/07/24	Gross Alpha/Beta	Gross Beta	1.299E-014	1.197E-014	1.867E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274120	SLAPS LOADOUT	05/08/24	Gross Alpha/Beta	Gross Alpha	-1.62E-15	4.470E-015	1.542E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274120	SLAPS LOADOUT	05/08/24	Gross Alpha/Beta	Gross Beta	5.608E-015	1.792E-014	3.173E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274121	SLAPS LOADOUT	05/08/24	Gross Alpha/Beta	Gross Alpha	5.390E-016	6.212E-015	1.542E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274121	SLAPS LOADOUT	05/08/24	Gross Alpha/Beta	Gross Beta	3.307E-014	2.187E-014	3.173E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274122	SLAPS LOADOUT	05/08/24	Gross Alpha/Beta	Gross Alpha	5.390E-016	6.212E-015	1.542E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274122	SLAPS LOADOUT	05/08/24	Gross Alpha/Beta	Gross Beta	2.071E-014	2.016E-014	3.173E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274123	SLAPS LOADOUT	05/09/24	Gross Alpha/Beta	Gross Alpha	3.170E-016	3.654E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274123	SLAPS LOADOUT	05/09/24	Gross Alpha/Beta	Gross Beta	3.319E-014	1.463E-014	1.867E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274124	SLAPS LOADOUT	05/09/24	Gross Alpha/Beta	Gross Alpha	5.393E-015	6.267E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274124	SLAPS LOADOUT	05/09/24	Gross Alpha/Beta	Gross Beta	3.884E-014	1.532E-014	1.867E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274125	SLAPS LOADOUT	05/09/24	Gross Alpha/Beta	Gross Alpha	4.124E-015	5.724E-015	9.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274125	SLAPS LOADOUT	05/09/24	Gross Alpha/Beta	Gross Beta	2.834E-014	1.402E-014	1.867E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274126	SLAPS LOADOUT	05/10/24	Gross Alpha/Beta	Gross Alpha	-1.00E-18	3.663E-015	9.460E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274126	SLAPS LOADOUT	05/10/24	Gross Alpha/Beta	Gross Beta	5.217E-015	1.068E-014	1.838E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274127	SLAPS LOADOUT	05/10/24	Gross Alpha/Beta	Gross Alpha	2.535E-015	5.132E-015	9.462E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274127	SLAPS LOADOUT	05/10/24	Gross Alpha/Beta	Gross Beta	2.341E-014	1.332E-014	1.852E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274128	SLAPS LOADOUT	05/10/24	Gross Alpha/Beta	Gross Alpha	1.268E-015	4.457E-015	9.460E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274128	SLAPS LOADOUT	05/10/24	Gross Alpha/Beta	Gross Beta	5.021E-015	1.068E-014	1.845E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274129	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Alpha	2.536E-015	5.132E-015	9.461E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274129	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Beta	1.937E-014	1.278E-014	1.852E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274130	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Alpha	1.263E-015	4.457E-015	9.466E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274130	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Beta	6.076E-014	1.776E-014	1.845E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274131	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Alpha	2.534E-015	5.132E-015	9.464E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274131	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Beta	3.714E-014	1.505E-014	1.852E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274132	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Alpha	-1.27E-15	2.643E-015	9.461E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274132	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Beta	1.753E-014	1.243E-014	1.838E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274133	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Alpha	1.015E-014	8.095E-015	9.464E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274133	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Beta	3.839E-014	1.536E-014	1.890E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274134	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Alpha	-2.00E-18	3.663E-015	9.462E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274134	SLAPS LOADOUT	05/13/24	Gross Alpha/Beta	Gross Beta	1.976E-014	1.277E-014	1.838E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274135	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Alpha	5.071E-015	6.271E-015	9.465E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274135	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Beta	4.482E-014	1.602E-014	1.865E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274136	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Alpha	-1.00E-18	3.663E-015	9.460E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274136	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Beta	7.641E-015	1.105E-014	1.838E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274137	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Alpha	-2.54E-15	7.570E-016	9.462E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274137	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Beta	2.419E-014	1.330E-014	1.838E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274138	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Alpha	6.343E-015	6.771E-015	9.460E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA274138	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Beta	1.070E-014	1.167E-014	1.871E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274139	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Alpha	6.342E-015	6.771E-015	9.462E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274139	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Beta	2.363E-014	1.343E-014	1.871E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274140	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Alpha	6.342E-015	6.771E-015	9.462E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274140	SLAPS LOADOUT	05/15/24	Gross Alpha/Beta	Gross Beta	2.363E-014	1.343E-014	1.871E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274141	SLAPS LOADOUT	05/16/24	Gross Alpha/Beta	Gross Alpha	2.452E-015	4.781E-015	8.710E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274141	SLAPS LOADOUT	05/16/24	Gross Alpha/Beta	Gross Beta	2.101E-014	1.521E-014	2.322E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274142	SLAPS LOADOUT	05/16/24	Gross Alpha/Beta	Gross Alpha	2.462E-015	4.781E-015	8.699E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274142	SLAPS LOADOUT	05/16/24	Gross Alpha/Beta	Gross Beta	3.142E-015	1.325E-014	2.322E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274143	SLAPS LOADOUT	05/16/24	Gross Alpha/Beta	Gross Alpha	2.444E-015	4.781E-015	8.720E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274143	SLAPS LOADOUT	05/16/24	Gross Alpha/Beta	Gross Beta	3.739E-014	1.690E-014	2.322E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274144	SLAPS LOADOUT	05/20/24	Gross Alpha/Beta	Gross Alpha	2.453E-015	4.781E-015	8.709E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274144	SLAPS LOADOUT	05/20/24	Gross Alpha/Beta	Gross Beta	1.952E-014	1.505E-014	2.322E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274145	SLAPS LOADOUT	05/20/24	Gross Alpha/Beta	Gross Alpha	1.252E-015	4.152E-015	8.731E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274145	SLAPS LOADOUT	05/20/24	Gross Alpha/Beta	Gross Beta	5.543E-014	1.866E-014	2.318E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274146	SLAPS LOADOUT	05/20/24	Gross Alpha/Beta	Gross Alpha	1.263E-015	4.152E-015	8.718E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274146	SLAPS LOADOUT	05/20/24	Gross Alpha/Beta	Gross Beta	3.458E-014	1.660E-014	2.318E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274147	SLAPS LOADOUT	05/21/24	Gross Alpha/Beta	Gross Alpha	7.178E-015	6.745E-015	8.714E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274147	SLAPS LOADOUT	05/21/24	Gross Alpha/Beta	Gross Beta	2.850E-014	1.607E-014	2.338E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274148	SLAPS LOADOUT	05/21/24	Gross Alpha/Beta	Gross Alpha	5.987E-015	6.310E-015	8.725E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274148	SLAPS LOADOUT	05/21/24	Gross Alpha/Beta	Gross Beta	4.580E-014	1.779E-014	2.334E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274149	SLAPS LOADOUT	05/21/24	Gross Alpha/Beta	Gross Alpha	3.635E-015	5.338E-015	8.710E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274149	SLAPS LOADOUT	05/21/24	Gross Alpha/Beta	Gross Beta	2.083E-014	1.521E-014	2.326E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274150	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Alpha	-1.09E-15	2.459E-015	8.700E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274150	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Beta	5.898E-015	1.349E-014	2.313E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274151	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Alpha	8.800E-017	3.411E-015	8.710E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274151	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Beta	2.061E-014	1.512E-014	2.314E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274152	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Alpha	2.457E-015	4.781E-015	8.705E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274152	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Beta	1.282E-014	1.433E-014	2.322E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274153	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Alpha	1.279E-015	4.152E-015	8.699E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274153	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Beta	4.061E-015	1.333E-014	2.318E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274154	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Alpha	9.600E-017	3.411E-015	8.699E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274154	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Beta	4.235E-015	1.333E-014	2.314E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274155	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Alpha	4.823E-015	5.843E-015	8.703E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274155	SLAPS LOADOUT	05/22/24	Gross Alpha/Beta	Gross Beta	9.493E-015	1.401E-014	2.330E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274156	SLAPS LOADOUT	05/23/24	Gross Alpha/Beta	Gross Alpha	2.456E-015	4.781E-015	8.706E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274156	SLAPS LOADOUT	05/23/24	Gross Alpha/Beta	Gross Beta	1.505E-014	1.457E-014	2.322E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274157	SLAPS LOADOUT	05/23/24	Gross Alpha/Beta	Gross Alpha	4.814E-015	5.843E-015	8.714E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274157	SLAPS LOADOUT	05/23/24	Gross Alpha/Beta	Gross Beta	2.810E-014	1.599E-014	2.330E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274158	SLAPS LOADOUT	05/23/24	Gross Alpha/Beta	Gross Alpha	1.309E-014	8.611E-015	8.716E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274158	SLAPS LOADOUT	05/23/24	Gross Alpha/Beta	Gross Beta	3.135E-014	1.646E-014	2.358E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274159	SLAPS LOADOUT	05/28/24	Gross Alpha/Beta	Gross Alpha	2.483E-015	5.133E-015	9.524E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274159	SLAPS LOADOUT	05/28/24	Gross Alpha/Beta	Gross Beta	1.705E-014	1.245E-014	1.849E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA274160	SLAPS LOADOUT	05/28/24	Gross Alpha/Beta	Gross Alpha	-5.50E-17	3.665E-015	9.524E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274160	SLAPS LOADOUT	05/28/24	Gross Alpha/Beta	Gross Beta	2.148E-014	1.299E-014	1.836E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274161	SLAPS LOADOUT	05/28/24	Gross Alpha/Beta	Gross Alpha	1.216E-015	4.458E-015	9.522E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274161	SLAPS LOADOUT	05/28/24	Gross Alpha/Beta	Gross Beta	-2.14E-15	9.513E-015	1.842E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274162	SLAPS LOADOUT	05/29/24	Gross Alpha/Beta	Gross Alpha	5.020E-015	6.272E-015	9.525E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274162	SLAPS LOADOUT	05/29/24	Gross Alpha/Beta	Gross Beta	2.959E-014	1.416E-014	1.862E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA274163	SLAPS LOADOUT	05/29/24	Gross Alpha/Beta	Gross Alpha	5.021E-015	6.272E-015	9.524E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274163	SLAPS LOADOUT	05/29/24	Gross Alpha/Beta	Gross Beta	1.989E-014	1.290E-014	1.862E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA274164	SLAPS LOADOUT	05/29/24	Gross Alpha/Beta	Gross Alpha	1.215E-015	4.458E-015	9.523E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274164	SLAPS LOADOUT	05/29/24	Gross Alpha/Beta	Gross Beta	1.482E-014	1.211E-014	1.842E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274165	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Alpha	1.215E-015	4.458E-015	9.523E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274165	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Beta	1.402E-014	1.199E-014	1.842E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA274166	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Alpha	1.215E-015	4.458E-015	9.522E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274166	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Beta	5.938E-015	1.081E-014	1.842E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274167	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Alpha	3.753E-015	5.730E-015	9.523E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA274167	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Beta	8.777E-015	1.130E-014	1.855E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275741	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Alpha	8.828E-015	7.679E-015	9.524E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275741	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Beta	1.607E-014	1.247E-014	1.881E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275742	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Alpha	3.753E-015	5.730E-015	9.523E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275742	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Beta	9.585E-015	1.142E-014	1.855E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275743	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Alpha	1.215E-015	4.458E-015	9.522E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275743	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Beta	5.938E-015	1.081E-014	1.842E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275743	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Alpha	1.215E-015	4.458E-015	9.522E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275743	SLAPS LOADOUT	05/30/24	Gross Alpha/Beta	Gross Beta	5.938E-015	1.081E-014	1.842E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275744	SLAPS LOADOUT	05/31/24	Gross Alpha/Beta	Gross Alpha	1.010E-014	8.096E-015	9.523E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275744	SLAPS LOADOUT	05/31/24	Gross Alpha/Beta	Gross Beta	1.022E-014	1.168E-014	1.887E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275745	SLAPS LOADOUT	05/31/24	Gross Alpha/Beta	Gross Alpha	2.483E-015	5.133E-015	9.523E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275745	SLAPS LOADOUT	05/31/24	Gross Alpha/Beta	Gross Beta	1.544E-014	1.222E-014	1.849E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275746	SLAPS LOADOUT	05/31/24	Gross Alpha/Beta	Gross Alpha	1.010E-014	8.096E-015	9.524E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275746	SLAPS LOADOUT	05/31/24	Gross Alpha/Beta	Gross Beta	2.072E-014	1.313E-014	1.887E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275747	SLAPS LOADOUT	06/03/24	Gross Alpha/Beta	Gross Alpha	3.890E-015	5.882E-015	9.799E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275747	SLAPS LOADOUT	06/03/24	Gross Alpha/Beta	Gross Beta	3.276E-014	1.690E-014	2.402E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275748	SLAPS LOADOUT	06/03/24	Gross Alpha/Beta	Gross Alpha	2.709E-015	5.377E-015	9.792E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275748	SLAPS LOADOUT	06/03/24	Gross Alpha/Beta	Gross Beta	2.204E-014	1.576E-014	2.398E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275749	SLAPS LOADOUT	06/03/24	Gross Alpha/Beta	Gross Alpha	2.726E-015	5.377E-015	9.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275749	SLAPS LOADOUT	06/03/24	Gross Alpha/Beta	Gross Beta	-5.22E-15	1.268E-014	2.398E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275750	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Alpha	8.649E-015	7.585E-015	9.792E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275750	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Beta	2.190E-014	1.585E-014	2.420E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275751	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Alpha	1.538E-015	4.820E-015	9.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275751	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Beta	-5.82E-15	1.258E-014	2.394E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275752	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Alpha	1.512E-015	4.820E-015	9.801E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275752	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Beta	3.624E-014	1.722E-014	2.394E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275753	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Alpha	3.450E-016	4.192E-015	9.781E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275753	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Beta	2.932E-015	1.359E-014	2.389E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275754	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Alpha	2.721E-015	5.377E-015	9.781E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275754	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Beta	2.567E-015	1.360E-014	2.398E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275755	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Alpha	1.513E-015	4.820E-015	9.800E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275755	SLAPS LOADOUT	06/04/24	Gross Alpha/Beta	Gross Beta	3.546E-014	1.714E-014	2.394E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275756	SLAPS LOADOUT	06/05/24	Gross Alpha/Beta	Gross Alpha	5.087E-015	6.349E-015	9.790E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275756	SLAPS LOADOUT	06/05/24	Gross Alpha/Beta	Gross Beta	1.856E-014	1.543E-014	2.407E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275757	SLAPS LOADOUT	06/05/24	Gross Alpha/Beta	Gross Alpha	-8.41E-16	3.454E-015	9.779E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275757	SLAPS LOADOUT	06/05/24	Gross Alpha/Beta	Gross Beta	-1.56E-15	1.303E-014	2.388E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275758	SLAPS LOADOUT	06/05/24	Gross Alpha/Beta	Gross Alpha	1.527E-015	4.820E-015	9.787E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275758	SLAPS LOADOUT	06/05/24	Gross Alpha/Beta	Gross Beta	1.288E-014	1.474E-014	2.394E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275759	SLAPS LOADOUT	06/06/24	Gross Alpha/Beta	Gross Alpha	1.523E-015	4.146E-015	8.395E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275759	SLAPS LOADOUT	06/06/24	Gross Alpha/Beta	Gross Beta	8.026E-015	1.350E-014	2.268E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275760	SLAPS LOADOUT	06/06/24	Gross Alpha/Beta	Gross Alpha	3.883E-015	5.334E-015	8.401E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275760	SLAPS LOADOUT	06/06/24	Gross Alpha/Beta	Gross Beta	1.735E-014	1.458E-014	2.277E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275761	SLAPS LOADOUT	06/06/24	Gross Alpha/Beta	Gross Alpha	2.708E-015	4.777E-015	8.391E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275761	SLAPS LOADOUT	06/06/24	Gross Alpha/Beta	Gross Beta	2.640E-015	1.290E-014	2.272E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275762	SLAPS LOADOUT	06/07/24	Gross Alpha/Beta	Gross Alpha	-7.59E-16	2.191E-015	7.518E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275762	SLAPS LOADOUT	06/07/24	Gross Alpha/Beta	Gross Beta	1.748E-014	1.318E-014	2.025E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275763	SLAPS LOADOUT	06/07/24	Gross Alpha/Beta	Gross Alpha	2.416E-015	4.274E-015	7.517E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275763	SLAPS LOADOUT	06/07/24	Gross Alpha/Beta	Gross Beta	1.568E-014	1.304E-014	2.033E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275764	SLAPS LOADOUT	06/07/24	Gross Alpha/Beta	Gross Alpha	-7.59E-16	2.191E-015	7.519E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275764	SLAPS LOADOUT	06/07/24	Gross Alpha/Beta	Gross Beta	1.882E-014	1.332E-014	2.025E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275765	SLAPS LOADOUT	06/10/24	Gross Alpha/Beta	Gross Alpha	-8.38E-16	2.449E-015	8.390E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275765	SLAPS LOADOUT	06/10/24	Gross Alpha/Beta	Gross Beta	1.860E-016	1.254E-014	2.263E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275766	SLAPS LOADOUT	06/10/24	Gross Alpha/Beta	Gross Alpha	5.064E-015	5.840E-015	8.403E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275766	SLAPS LOADOUT	06/10/24	Gross Alpha/Beta	Gross Beta	2.016E-014	1.491E-014	2.281E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275767	SLAPS LOADOUT	06/10/24	Gross Alpha/Beta	Gross Alpha	1.524E-015	4.146E-015	8.394E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275767	SLAPS LOADOUT	06/10/24	Gross Alpha/Beta	Gross Beta	7.281E-015	1.341E-014	2.268E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275768	SLAPS LOADOUT	06/11/24	Gross Alpha/Beta	Gross Alpha	3.430E-016	3.404E-015	8.392E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275768	SLAPS LOADOUT	06/11/24	Gross Alpha/Beta	Gross Beta	4.478E-015	1.306E-014	2.264E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275769	SLAPS LOADOUT	06/11/24	Gross Alpha/Beta	Gross Alpha	-8.57E-16	2.449E-015	8.414E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275769	SLAPS LOADOUT	06/11/24	Gross Alpha/Beta	Gross Beta	3.741E-014	1.661E-014	2.263E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275770	SLAPS LOADOUT	06/11/24	Gross Alpha/Beta	Gross Alpha	-8.42E-16	2.449E-015	8.395E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275770	SLAPS LOADOUT	06/11/24	Gross Alpha/Beta	Gross Beta	8.374E-015	1.349E-014	2.263E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275771	SLAPS LOADOUT	06/12/24	Gross Alpha/Beta	Gross Alpha	1.377E-014	9.371E-015	9.531E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275771	SLAPS LOADOUT	06/12/24	Gross Alpha/Beta	Gross Beta	3.516E-014	1.833E-014	2.613E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275772	SLAPS LOADOUT	06/12/24	Gross Alpha/Beta	Gross Alpha	5.750E-015	6.619E-015	9.510E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275772	SLAPS LOADOUT	06/12/24	Gross Alpha/Beta	Gross Beta	2.597E-015	1.463E-014	2.585E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275773	SLAPS LOADOUT	06/12/24	Gross Alpha/Beta	Gross Alpha	8.423E-015	7.642E-015	9.518E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275773	SLAPS LOADOUT	06/12/24	Gross Alpha/Beta	Gross Beta	1.570E-014	1.617E-014	2.594E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275774	SLAPS LOADOUT	06/12/24	Gross Alpha/Beta	Gross Alpha	3.750E-016	3.858E-015	9.528E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275774	SLAPS LOADOUT	06/12/24	Gross Alpha/Beta	Gross Beta	3.039E-014	1.760E-014	2.566E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275775	SLAPS LOADOUT	06/13/24	Gross Alpha/Beta	Gross Alpha	-3.70E-16	2.605E-015	8.276E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275775	SLAPS LOADOUT	06/13/24	Gross Alpha/Beta	Gross Beta	-1.46E-15	9.348E-015	1.799E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275776	SLAPS LOADOUT	06/13/24	Gross Alpha/Beta	Gross Alpha	8.960E-016	3.638E-015	8.280E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275776	SLAPS LOADOUT	06/13/24	Gross Alpha/Beta	Gross Beta	2.420E-014	1.321E-014	1.804E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275777	SLAPS LOADOUT	06/13/24	Gross Alpha/Beta	Gross Alpha	-3.71E-16	2.605E-015	8.277E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275777	SLAPS LOADOUT	06/13/24	Gross Alpha/Beta	Gross Beta	5.813E-015	1.054E-014	1.799E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275778	SLAPS LOADOUT	06/13/24	Gross Alpha/Beta	Gross Alpha	5.972E-015	6.261E-015	8.280E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275778	SLAPS LOADOUT	06/13/24	Gross Alpha/Beta	Gross Beta	2.664E-014	1.365E-014	1.831E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275779	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Alpha	8.980E-016	3.638E-015	8.277E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275779	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Beta	4.001E-015	1.029E-014	1.804E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275780	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Alpha	4.705E-015	5.716E-015	8.276E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275780	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Beta	3.413E-015	1.031E-014	1.824E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275781	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Alpha	4.704E-015	5.716E-015	8.278E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275781	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Beta	1.392E-014	1.189E-014	1.824E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275782	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Alpha	5.973E-015	6.261E-015	8.277E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275782	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Beta	8.064E-015	1.107E-014	1.831E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275783	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Alpha	3.435E-015	5.116E-015	8.278E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275783	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Beta	1.330E-014	1.177E-014	1.817E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275784	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Alpha	5.970E-015	6.261E-015	8.283E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275784	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Beta	4.442E-014	1.584E-014	1.831E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275785	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Alpha	5.973E-015	6.261E-015	8.277E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275785	SLAPS LOADOUT	06/14/24	Gross Alpha/Beta	Gross Beta	8.064E-015	1.107E-014	1.831E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275786	SLAPS LOADOUT	06/17/24	Gross Alpha/Beta	Gross Alpha	8.970E-016	3.638E-015	8.278E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275786	SLAPS LOADOUT	06/17/24	Gross Alpha/Beta	Gross Beta	1.612E-014	1.210E-014	1.804E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275787	SLAPS LOADOUT	06/17/24	Gross Alpha/Beta	Gross Alpha	5.970E-015	6.261E-015	8.282E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275787	SLAPS LOADOUT	06/17/24	Gross Alpha/Beta	Gross Beta	4.038E-014	1.536E-014	1.831E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275788	SLAPS LOADOUT	06/17/24	Gross Alpha/Beta	Gross Alpha	3.436E-015	5.116E-015	8.276E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275788	SLAPS LOADOUT	06/17/24	Gross Alpha/Beta	Gross Beta	1.185E-015	9.914E-015	1.817E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275789	SLAPS LOADOUT	06/18/24	Gross Alpha/Beta	Gross Alpha	8.509E-015	7.231E-015	8.280E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275789	SLAPS LOADOUT	06/18/24	Gross Alpha/Beta	Gross Beta	2.787E-014	1.386E-014	1.844E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275790	SLAPS LOADOUT	06/18/24	Gross Alpha/Beta	Gross Alpha	-3.70E-16	2.605E-015	8.276E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275790	SLAPS LOADOUT	06/18/24	Gross Alpha/Beta	Gross Beta	-6.50E-16	9.486E-015	1.799E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275791	SLAPS LOADOUT	06/18/24	Gross Alpha/Beta	Gross Alpha	8.980E-016	3.638E-015	8.277E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275791	SLAPS LOADOUT	06/18/24	Gross Alpha/Beta	Gross Beta	4.809E-015	1.042E-014	1.804E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275792	SLAPS LOADOUT	06/18/24	Gross Alpha/Beta	Gross Alpha	3.434E-015	5.116E-015	8.280E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275792	SLAPS LOADOUT	06/18/24	Gross Alpha/Beta	Gross Beta	2.542E-014	1.343E-014	1.817E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275793	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Alpha	-3.70E-16	2.605E-015	8.276E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275793	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Beta	2.582E-015	1.002E-014	1.799E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275794	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Alpha	-3.71E-16	2.605E-015	8.277E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275794	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Beta	8.237E-015	1.091E-014	1.799E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275795	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Alpha	8.990E-016	3.638E-015	8.276E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275795	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Beta	1.578E-015	9.899E-015	1.804E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275796	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Alpha	-3.70E-16	2.605E-015	8.276E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275796	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Beta	-2.27E-15	9.209E-015	1.799E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275797	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Alpha	2.165E-015	4.438E-015	8.280E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275797	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Beta	2.642E-014	1.353E-014	1.811E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275798	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Alpha	2.167E-015	4.438E-015	8.277E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275798	SLAPS LOADOUT	06/19/24	Gross Alpha/Beta	Gross Beta	3.805E-015	1.030E-014	1.811E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275799	SLAPS LOADOUT	06/20/24	Gross Alpha/Beta	Gross Alpha	-1.64E-15	6.020E-016	8.276E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275799	SLAPS LOADOUT	06/20/24	Gross Alpha/Beta	Gross Beta	-4.54E-16	9.478E-015	1.799E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275800	SLAPS LOADOUT	06/20/24	Gross Alpha/Beta	Gross Alpha	5.971E-015	6.261E-015	8.281E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275800	SLAPS LOADOUT	06/20/24	Gross Alpha/Beta	Gross Beta	3.391E-014	1.457E-014	1.831E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275801	SLAPS LOADOUT	06/20/24	Gross Alpha/Beta	Gross Alpha	-3.71E-16	2.605E-015	8.278E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275801	SLAPS LOADOUT	06/20/24	Gross Alpha/Beta	Gross Beta	1.228E-014	1.152E-014	1.799E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275802	SLAPS LOADOUT	06/21/24	Gross Alpha/Beta	Gross Alpha	1.970E-015	4.812E-015	9.318E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275802	SLAPS LOADOUT	06/21/24	Gross Alpha/Beta	Gross Beta	1.647E-014	1.483E-014	2.336E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275803	SLAPS LOADOUT	06/21/24	Gross Alpha/Beta	Gross Alpha	-1.58E-15	2.492E-015	9.308E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275803	SLAPS LOADOUT	06/21/24	Gross Alpha/Beta	Gross Beta	6.660E-016	1.292E-014	2.329E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275804	SLAPS LOADOUT	06/24/24	Gross Alpha/Beta	Gross Alpha	1.980E-015	4.812E-015	9.308E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275804	SLAPS LOADOUT	06/24/24	Gross Alpha/Beta	Gross Beta	1.170E-016	1.294E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275805	SLAPS LOADOUT	06/24/24	Gross Alpha/Beta	Gross Alpha	1.958E-015	4.812E-015	9.330E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275805	SLAPS LOADOUT	06/24/24	Gross Alpha/Beta	Gross Beta	3.517E-014	1.684E-014	2.336E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275806	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Alpha	-3.96E-16	3.441E-015	9.308E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275806	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Beta	-2.96E-16	1.283E-014	2.329E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275807	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Alpha	7.910E-016	4.182E-015	9.308E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275807	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Beta	1.079E-015	1.302E-014	2.332E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275808	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Alpha	7.880E-016	4.182E-015	9.311E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275808	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Beta	5.752E-015	1.358E-014	2.332E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275809	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Alpha	7.895E-015	7.192E-015	9.334E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275809	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Beta	4.048E-014	1.749E-014	2.358E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275810	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Alpha	-3.94E-16	3.441E-015	9.308E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275810	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Beta	-3.41E-15	1.245E-014	2.329E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275811	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Alpha	1.974E-015	4.812E-015	9.314E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275811	SLAPS LOADOUT	06/25/24	Gross Alpha/Beta	Gross Beta	1.024E-014	1.412E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275812	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Alpha	1.022E-015	5.469E-015	1.219E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275812	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Beta	2.178E-014	1.938E-014	3.049E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275813	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Alpha	1.037E-015	5.469E-015	1.217E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275813	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Beta	-2.66E-15	1.654E-014	3.049E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275814	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Alpha	-5.26E-16	4.500E-015	1.218E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275814	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Beta	1.285E-014	1.834E-014	3.045E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275815	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Alpha	2.580E-015	6.293E-015	1.218E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275815	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Beta	1.441E-014	1.859E-014	3.055E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275816	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Alpha	2.587E-015	6.293E-015	1.217E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275816	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Beta	4.227E-015	1.740E-014	3.055E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275817	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Alpha	2.588E-015	6.293E-015	1.217E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275817	SLAPS LOADOUT	06/26/24	Gross Alpha/Beta	Gross Beta	2.190E-015	1.716E-014	3.055E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275818	SLAPS LOADOUT	06/27/24	Gross Alpha/Beta	Gross Alpha	1.980E-015	4.812E-015	9.308E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275818	SLAPS LOADOUT	06/27/24	Gross Alpha/Beta	Gross Beta	1.170E-016	1.294E-014	2.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275819	SLAPS LOADOUT	06/27/24	Gross Alpha/Beta	Gross Alpha	4.351E-015	5.876E-015	9.313E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275819	SLAPS LOADOUT	06/27/24	Gross Alpha/Beta	Gross Beta	7.540E-015	1.386E-014	2.345E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275820	SLAPS LOADOUT	06/27/24	Gross Alpha/Beta	Gross Alpha	-4.01E-16	3.441E-015	9.313E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275820	SLAPS LOADOUT	06/27/24	Gross Alpha/Beta	Gross Beta	7.493E-015	1.376E-014	2.329E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275821	SLAPS LOADOUT	06/28/24	Gross Alpha/Beta	Gross Alpha	-2.32E-15	6.980E-016	8.763E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275821	SLAPS LOADOUT	06/28/24	Gross Alpha/Beta	Gross Beta	1.142E-014	1.374E-014	2.251E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275822	SLAPS LOADOUT	06/28/24	Gross Alpha/Beta	Gross Alpha	7.125E-015	6.745E-015	8.778E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275822	SLAPS LOADOUT	06/28/24	Gross Alpha/Beta	Gross Beta	3.533E-014	1.648E-014	2.276E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275823	SLAPS LOADOUT	06/28/24	Gross Alpha/Beta	Gross Alpha	-2.32E-15	6.980E-016	8.759E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275823	SLAPS LOADOUT	06/28/24	Gross Alpha/Beta	Gross Beta	3.971E-015	1.288E-014	2.251E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275824	SLAPS LOADOUT	07/01/24	Gross Alpha/Beta	Gross Alpha	4.300E-017	3.412E-015	8.763E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275824	SLAPS LOADOUT	07/01/24	Gross Alpha/Beta	Gross Beta	1.181E-014	1.383E-014	2.251E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275825	SLAPS LOADOUT	07/01/24	Gross Alpha/Beta	Gross Alpha	1.234E-015	4.153E-015	8.756E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275825	SLAPS LOADOUT	07/01/24	Gross Alpha/Beta	Gross Beta	-3.25E-15	1.210E-014	2.255E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275826	SLAPS LOADOUT	07/01/24	Gross Alpha/Beta	Gross Alpha	4.769E-015	5.844E-015	8.768E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275826	SLAPS LOADOUT	07/01/24	Gross Alpha/Beta	Gross Beta	2.005E-014	1.483E-014	2.268E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275827	SLAPS LOADOUT	07/02/24	Gross Alpha/Beta	Gross Alpha	1.215E-015	4.153E-015	8.775E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275827	SLAPS LOADOUT	07/02/24	Gross Alpha/Beta	Gross Beta	3.099E-014	1.593E-014	2.255E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275828	SLAPS LOADOUT	07/02/24	Gross Alpha/Beta	Gross Alpha	-1.14E-15	2.461E-015	8.758E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275828	SLAPS LOADOUT	07/02/24	Gross Alpha/Beta	Gross Beta	3.052E-015	1.280E-014	2.251E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275829	SLAPS LOADOUT	07/02/24	Gross Alpha/Beta	Gross Alpha	-2.32E-15	6.980E-016	8.762E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275829	SLAPS LOADOUT	07/02/24	Gross Alpha/Beta	Gross Beta	9.926E-015	1.357E-014	2.251E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275830	SLAPS LOADOUT	07/03/24	Gross Alpha/Beta	Gross Alpha	-2.15E-15	4.649E-015	1.656E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275830	SLAPS LOADOUT	07/03/24	Gross Alpha/Beta	Gross Beta	2.545E-014	2.643E-014	4.252E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275831	SLAPS LOADOUT	07/03/24	Gross Alpha/Beta	Gross Alpha	-2.16E-15	4.649E-015	1.656E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275831	SLAPS LOADOUT	07/03/24	Gross Alpha/Beta	Gross Beta	4.092E-014	2.813E-014	4.252E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275832	SLAPS LOADOUT	07/03/24	Gross Alpha/Beta	Gross Alpha	2.317E-015	7.844E-015	1.655E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275832	SLAPS LOADOUT	07/03/24	Gross Alpha/Beta	Gross Beta	1.917E-014	2.581E-014	4.260E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275833	SLAPS LOADOUT	07/08/24	Gross Alpha/Beta	Gross Alpha	2.410E-015	4.782E-015	8.761E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275833	SLAPS LOADOUT	07/08/24	Gross Alpha/Beta	Gross Beta	8.484E-015	1.350E-014	2.260E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275834	SLAPS LOADOUT	07/08/24	Gross Alpha/Beta	Gross Alpha	4.763E-015	5.844E-015	8.775E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275834	SLAPS LOADOUT	07/08/24	Gross Alpha/Beta	Gross Beta	3.047E-014	1.593E-014	2.268E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275835	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Alpha	-1.06E-16	3.666E-015	9.583E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275835	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Beta	3.190E-016	9.770E-015	1.818E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275836	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Alpha	1.162E-015	4.460E-015	9.585E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275836	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Beta	1.224E-014	1.165E-014	1.824E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275837	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Alpha	-1.38E-15	2.648E-015	9.584E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275837	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Beta	7.786E-015	1.092E-014	1.818E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275838	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Alpha	1.004E-014	8.096E-015	9.587E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275838	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Beta	3.106E-014	1.438E-014	1.870E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275839	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Alpha	-1.38E-15	2.648E-015	9.584E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275839	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Beta	3.747E-015	1.029E-014	1.818E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275840	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Alpha	1.163E-015	4.460E-015	9.584E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275840	SLAPS LOADOUT	07/10/24	Gross Alpha/Beta	Gross Beta	1.739E-015	1.004E-014	1.824E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275841	SLAPS LOADOUT	07/11/24	Gross Alpha/Beta	Gross Alpha	-1.07E-16	3.666E-015	9.584E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275841	SLAPS LOADOUT	07/11/24	Gross Alpha/Beta	Gross Beta	7.590E-015	1.092E-014	1.818E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275842	SLAPS LOADOUT	07/11/24	Gross Alpha/Beta	Gross Alpha	2.428E-015	5.134E-015	9.587E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275842	SLAPS LOADOUT	07/11/24	Gross Alpha/Beta	Gross Beta	3.466E-014	1.466E-014	1.830E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275843	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Alpha	2.587E-015	5.131E-015	9.401E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275843	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Beta	3.969E-014	1.534E-014	1.848E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275844	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Alpha	1.321E-015	4.456E-015	9.397E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275844	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Beta	5.955E-015	1.081E-014	1.841E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275845	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Alpha	2.590E-015	5.131E-015	9.397E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275845	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Beta	5.759E-015	1.081E-014	1.848E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275846	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Alpha	5.300E-017	3.662E-015	9.396E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275846	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Beta	2.112E-015	1.017E-014	1.835E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275847	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Alpha	-1.22E-15	2.641E-015	9.396E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275847	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Beta	-1.73E-15	9.496E-015	1.835E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275848	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Alpha	5.200E-017	3.662E-015	9.397E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275848	SLAPS LOADOUT	07/12/24	Gross Alpha/Beta	Gross Beta	4.536E-015	1.055E-014	1.835E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275849	SLAPS LOADOUT	07/15/24	Gross Alpha/Beta	Gross Alpha	-1.22E-15	2.641E-015	9.397E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275849	SLAPS LOADOUT	07/15/24	Gross Alpha/Beta	Gross Beta	4.732E-015	1.054E-014	1.835E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275850	SLAPS LOADOUT	07/15/24	Gross Alpha/Beta	Gross Alpha	5.200E-017	3.662E-015	9.397E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275850	SLAPS LOADOUT	07/15/24	Gross Alpha/Beta	Gross Beta	1.100E-014	1.152E-014	1.835E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275851	SLAPS LOADOUT	07/15/24	Gross Alpha/Beta	Gross Alpha	1.321E-015	4.456E-015	9.397E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275851	SLAPS LOADOUT	07/15/24	Gross Alpha/Beta	Gross Beta	5.148E-015	1.068E-014	1.841E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275852	SLAPS LOADOUT	07/17/24	Gross Alpha/Beta	Gross Alpha	5.300E-017	3.662E-015	9.396E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275852	SLAPS LOADOUT	07/17/24	Gross Alpha/Beta	Gross Beta	-3.11E-16	9.774E-015	1.835E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275853	SLAPS LOADOUT	07/17/24	Gross Alpha/Beta	Gross Alpha	-1.22E-15	2.641E-015	9.397E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275853	SLAPS LOADOUT	07/17/24	Gross Alpha/Beta	Gross Beta	1.120E-014	1.152E-014	1.835E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275854	SLAPS LOADOUT	07/17/24	Gross Alpha/Beta	Gross Alpha	-1.22E-15	2.641E-015	9.397E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275854	SLAPS LOADOUT	07/17/24	Gross Alpha/Beta	Gross Beta	5.540E-015	1.067E-014	1.835E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275855	SLAPS LOADOUT	07/18/24	Gross Alpha/Beta	Gross Alpha	-1.22E-15	2.641E-015	9.399E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275855	SLAPS LOADOUT	07/18/24	Gross Alpha/Beta	Gross Beta	2.493E-014	1.341E-014	1.835E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275856	SLAPS LOADOUT	07/18/24	Gross Alpha/Beta	Gross Alpha	1.321E-015	4.456E-015	9.397E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275856	SLAPS LOADOUT	07/18/24	Gross Alpha/Beta	Gross Beta	3.532E-015	1.043E-014	1.841E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275857	SLAPS LOADOUT	07/18/24	Gross Alpha/Beta	Gross Alpha	-1.22E-15	2.641E-015	9.396E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275857	SLAPS LOADOUT	07/18/24	Gross Alpha/Beta	Gross Beta	2.309E-015	1.016E-014	1.835E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275858	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Alpha	-1.13E-15	2.461E-015	8.756E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275858	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Beta	-4.36E-15	1.284E-014	2.398E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275859	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Alpha	1.231E-015	4.153E-015	8.757E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275859	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Beta	1.990E-015	1.360E-014	2.402E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275860	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Alpha	3.597E-015	5.339E-015	8.756E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275860	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Beta	-5.93E-16	1.336E-014	2.409E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275861	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Alpha	2.409E-015	4.782E-015	8.762E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275861	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Beta	1.000E-014	1.449E-014	2.406E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275862	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Alpha	-1.13E-15	2.461E-015	8.756E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275862	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Beta	-8.08E-15	1.241E-014	2.398E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275863	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Alpha	3.596E-015	5.339E-015	8.757E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275863	SLAPS LOADOUT	07/19/24	Gross Alpha/Beta	Gross Beta	8.960E-016	1.352E-014	2.409E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275864	SLAPS LOADOUT	07/20/24	Gross Alpha/Beta	Gross Alpha	1.225E-015	4.153E-015	8.764E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275864	SLAPS LOADOUT	07/20/24	Gross Alpha/Beta	Gross Beta	1.316E-014	1.480E-014	2.402E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275865	SLAPS LOADOUT	07/20/24	Gross Alpha/Beta	Gross Alpha	-2.31E-15	6.980E-016	8.756E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275865	SLAPS LOADOUT	07/20/24	Gross Alpha/Beta	Gross Beta	-4.19E-15	1.283E-014	2.398E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275866	SLAPS LOADOUT	07/20/24	Gross Alpha/Beta	Gross Alpha	4.600E-017	3.412E-015	8.760E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275866	SLAPS LOADOUT	07/20/24	Gross Alpha/Beta	Gross Beta	5.886E-015	1.400E-014	2.398E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275867	SLAPS LOADOUT	07/22/24	Gross Alpha/Beta	Gross Alpha	8.600E-017	6.446E-015	1.655E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275867	SLAPS LOADOUT	07/22/24	Gross Alpha/Beta	Gross Beta	1.393E-014	2.675E-014	4.529E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275868	SLAPS LOADOUT	07/22/24	Gross Alpha/Beta	Gross Alpha	6.775E-015	1.008E-014	1.656E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275868	SLAPS LOADOUT	07/22/24	Gross Alpha/Beta	Gross Beta	3.544E-014	2.915E-014	4.551E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275869	SLAPS LOADOUT	07/22/24	Gross Alpha/Beta	Gross Alpha	-4.35E-15	1.318E-015	1.654E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275869	SLAPS LOADOUT	07/22/24	Gross Alpha/Beta	Gross Beta	-4.17E-14	2.018E-014	4.529E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275870	SLAPS LOADOUT	07/23/24	Gross Alpha/Beta	Gross Alpha	8.306E-015	7.155E-015	8.780E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275870	SLAPS LOADOUT	07/23/24	Gross Alpha/Beta	Gross Beta	3.817E-014	1.746E-014	2.425E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275871	SLAPS LOADOUT	07/23/24	Gross Alpha/Beta	Gross Alpha	4.778E-015	5.844E-015	8.758E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275871	SLAPS LOADOUT	07/23/24	Gross Alpha/Beta	Gross Beta	2.211E-015	1.369E-014	2.413E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275872	SLAPS LOADOUT	07/23/24	Gross Alpha/Beta	Gross Alpha	4.500E-017	3.412E-015	8.762E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275872	SLAPS LOADOUT	07/23/24	Gross Alpha/Beta	Gross Beta	8.864E-015	1.432E-014	2.398E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275873	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Alpha	-1.88E-15	2.500E-015	9.630E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275873	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Beta	-2.34E-15	1.270E-014	2.360E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275874	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Alpha	2.880E-015	5.370E-015	9.630E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275874	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Beta	-6.96E-15	1.230E-014	2.370E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275875	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Alpha	1.680E-015	4.820E-015	9.630E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275875	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Beta	-2.11E-15	1.280E-014	2.370E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275876	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Alpha	2.870E-015	5.370E-015	9.630E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275876	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Beta	8.240E-016	1.320E-014	2.370E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275877	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Alpha	2.820E-015	5.370E-015	9.670E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275877	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Beta	7.870E-014	2.130E-014	2.370E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275878	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Alpha	1.680E-015	4.820E-015	9.630E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275878	SLAPS LOADOUT	07/24/24	Gross Alpha/Beta	Gross Beta	4.120E-015	1.360E-014	2.370E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275879	SLAPS LOADOUT	07/25/24	Gross Alpha/Beta	Gross Alpha	2.860E-015	5.370E-015	9.630E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275879	SLAPS LOADOUT	07/25/24	Gross Alpha/Beta	Gross Beta	1.020E-014	1.430E-014	2.370E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275880	SLAPS LOADOUT	07/25/24	Gross Alpha/Beta	Gross Alpha	-3.07E-15	8.140E-016	9.630E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275880	SLAPS LOADOUT	07/25/24	Gross Alpha/Beta	Gross Beta	-2.16E-15	1.270E-014	2.360E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275881	SLAPS LOADOUT	07/25/24	Gross Alpha/Beta	Gross Alpha	4.030E-015	5.880E-015	9.650E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275881	SLAPS LOADOUT	07/25/24	Gross Alpha/Beta	Gross Beta	4.190E-014	1.770E-014	2.370E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275882	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Alpha	3.180E-015	9.100E-015	1.820E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275882	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Beta	-5.45E-15	2.410E-014	4.470E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275883	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Alpha	3.170E-015	9.100E-015	1.820E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275883	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Beta	2.100E-014	2.720E-014	4.470E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275884	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Alpha	-1.31E-15	6.520E-015	1.820E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275884	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Beta	8.480E-015	2.560E-014	4.460E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275885	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Alpha	-1.91E-15	2.510E-015	9.650E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275885	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Beta	4.050E-014	1.750E-014	2.360E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275886	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Alpha	4.980E-016	4.190E-015	9.630E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275886	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Beta	-4.26E-15	1.260E-014	2.360E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275887	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Alpha	4.970E-016	4.190E-015	9.630E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275887	SLAPS LOADOUT	07/26/24	Gross Alpha/Beta	Gross Beta	-3.48E-15	1.270E-014	2.360E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275888	SLAPS LOADOUT	07/30/24	Gross Alpha/Beta	Gross Alpha	1.638E-015	4.818E-015	9.677E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275888	SLAPS LOADOUT	07/30/24	Gross Alpha/Beta	Gross Beta	-8.14E-15	1.239E-014	2.409E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275889	SLAPS LOADOUT	07/30/24	Gross Alpha/Beta	Gross Alpha	2.822E-015	5.375E-015	9.677E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275889	SLAPS LOADOUT	07/30/24	Gross Alpha/Beta	Gross Beta	-1.31E-15	1.324E-014	2.413E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275890	SLAPS LOADOUT	07/30/24	Gross Alpha/Beta	Gross Alpha	7.565E-015	7.194E-015	9.686E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275890	SLAPS LOADOUT	07/30/24	Gross Alpha/Beta	Gross Beta	1.354E-014	1.501E-014	2.430E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275891	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Alpha	-1.93E-15	2.507E-015	9.679E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275891	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Beta	3.315E-015	1.367E-014	2.403E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275892	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Alpha	-7.37E-16	3.451E-015	9.677E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275892	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Beta	-8.55E-15	1.229E-014	2.403E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275893	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Alpha	1.469E-014	9.303E-015	9.691E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275893	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Beta	2.256E-014	1.611E-014	2.456E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275894	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Alpha	5.186E-015	6.348E-015	9.689E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275894	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Beta	1.857E-014	1.551E-014	2.422E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275895	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Alpha	5.191E-015	6.348E-015	9.683E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275895	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Beta	1.001E-014	1.458E-014	2.422E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275896	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Alpha	4.012E-015	5.881E-015	9.677E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275896	SLAPS LOADOUT	07/31/24	Gross Alpha/Beta	Gross Beta	-3.83E-15	1.297E-014	2.417E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275897	SLAPS LOADOUT	08/01/24	Gross Alpha/Beta	Gross Alpha	5.186E-015	6.348E-015	9.689E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275897	SLAPS LOADOUT	08/01/24	Gross Alpha/Beta	Gross Beta	1.857E-014	1.551E-014	2.422E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275898	SLAPS LOADOUT	08/01/24	Gross Alpha/Beta	Gross Alpha	-7.48E-16	3.451E-015	9.683E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275898	SLAPS LOADOUT	08/01/24	Gross Alpha/Beta	Gross Beta	8.584E-015	1.430E-014	2.403E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275899	SLAPS LOADOUT	08/01/24	Gross Alpha/Beta	Gross Alpha	6.389E-015	6.784E-015	9.677E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275899	SLAPS LOADOUT	08/01/24	Gross Alpha/Beta	Gross Beta	-5.75E-15	1.279E-014	2.426E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275900	SLAPS LOADOUT	08/02/24	Gross Alpha/Beta	Gross Alpha	3.913E-015	5.728E-015	9.332E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275900	SLAPS LOADOUT	08/02/24	Gross Alpha/Beta	Gross Beta	-3.90E-15	9.398E-015	1.871E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275901	SLAPS LOADOUT	08/02/24	Gross Alpha/Beta	Gross Alpha	2.640E-015	5.130E-015	9.337E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275901	SLAPS LOADOUT	08/02/24	Gross Alpha/Beta	Gross Beta	3.830E-014	1.524E-014	1.864E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275902	SLAPS LOADOUT	08/02/24	Gross Alpha/Beta	Gross Alpha	-1.16E-15	2.639E-015	9.333E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275902	SLAPS LOADOUT	08/02/24	Gross Alpha/Beta	Gross Beta	1.728E-015	1.016E-014	1.851E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275903	SLAPS LOADOUT	08/05/24	Gross Alpha/Beta	Gross Alpha	1.040E-016	3.660E-015	9.334E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275903	SLAPS LOADOUT	08/05/24	Gross Alpha/Beta	Gross Beta	1.446E-014	1.210E-014	1.851E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275904	SLAPS LOADOUT	08/05/24	Gross Alpha/Beta	Gross Alpha	6.444E-015	6.770E-015	9.339E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275904	SLAPS LOADOUT	08/05/24	Gross Alpha/Beta	Gross Beta	5.710E-014	1.748E-014	1.883E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275905	SLAPS LOADOUT	08/05/24	Gross Alpha/Beta	Gross Alpha	2.644E-015	5.130E-015	9.332E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275905	SLAPS LOADOUT	08/05/24	Gross Alpha/Beta	Gross Beta	-3.71E-15	9.390E-015	1.864E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275906	SLAPS LOADOUT	08/06/24	Gross Alpha/Beta	Gross Alpha	2.643E-015	5.130E-015	9.333E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275906	SLAPS LOADOUT	08/06/24	Gross Alpha/Beta	Gross Beta	5.987E-015	1.094E-014	1.864E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275907	SLAPS LOADOUT	08/06/24	Gross Alpha/Beta	Gross Alpha	1.050E-016	3.660E-015	9.333E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275907	SLAPS LOADOUT	08/06/24	Gross Alpha/Beta	Gross Beta	3.148E-015	1.043E-014	1.851E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275908	SLAPS LOADOUT	08/06/24	Gross Alpha/Beta	Gross Alpha	1.279E-014	8.874E-015	9.339E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275908	SLAPS LOADOUT	08/06/24	Gross Alpha/Beta	Gross Beta	5.693E-014	1.758E-014	1.915E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275909	SLAPS LOADOUT	08/07/24	Gross Alpha/Beta	Gross Alpha	1.374E-015	4.455E-015	9.333E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275909	SLAPS LOADOUT	08/07/24	Gross Alpha/Beta	Gross Beta	9.414E-015	1.141E-014	1.858E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275910	SLAPS LOADOUT	08/07/24	Gross Alpha/Beta	Gross Alpha	1.040E-016	3.660E-015	9.334E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275910	SLAPS LOADOUT	08/07/24	Gross Alpha/Beta	Gross Beta	1.769E-014	1.255E-014	1.851E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275911	SLAPS LOADOUT	08/07/24	Gross Alpha/Beta	Gross Alpha	1.060E-016	3.660E-015	9.332E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275911	SLAPS LOADOUT	08/07/24	Gross Alpha/Beta	Gross Beta	-3.32E-15	9.372E-015	1.851E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275912	SLAPS LOADOUT	08/08/24	Gross Alpha/Beta	Gross Alpha	-2.90E-16	2.432E-015	7.639E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275912	SLAPS LOADOUT	08/08/24	Gross Alpha/Beta	Gross Beta	7.110E-015	1.351E-014	2.291E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275913	SLAPS LOADOUT	08/08/24	Gross Alpha/Beta	Gross Alpha	-1.48E-15	5.760E-016	7.645E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275913	SLAPS LOADOUT	08/08/24	Gross Alpha/Beta	Gross Beta	1.398E-014	1.426E-014	2.291E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275914	SLAPS LOADOUT	08/08/24	Gross Alpha/Beta	Gross Alpha	2.059E-015	4.138E-015	7.662E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275914	SLAPS LOADOUT	08/08/24	Gross Alpha/Beta	Gross Beta	3.654E-014	1.670E-014	2.298E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275915	SLAPS LOADOUT	08/09/24	Gross Alpha/Beta	Gross Alpha	2.074E-015	4.138E-015	7.641E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275915	SLAPS LOADOUT	08/09/24	Gross Alpha/Beta	Gross Beta	9.739E-015	1.386E-014	2.298E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275916	SLAPS LOADOUT	08/09/24	Gross Alpha/Beta	Gross Alpha	8.840E-016	3.393E-015	7.652E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275916	SLAPS LOADOUT	08/09/24	Gross Alpha/Beta	Gross Beta	2.331E-014	1.531E-014	2.294E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275917	SLAPS LOADOUT	08/09/24	Gross Alpha/Beta	Gross Alpha	4.435E-015	5.329E-015	7.647E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275917	SLAPS LOADOUT	08/09/24	Gross Alpha/Beta	Gross Beta	1.683E-014	1.468E-014	2.306E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275918	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Alpha	8.980E-016	3.393E-015	7.634E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275918	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Beta	-2.74E-15	1.240E-014	2.294E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275919	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Alpha	2.076E-015	4.138E-015	7.638E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275919	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Beta	5.272E-015	1.335E-014	2.298E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275920	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Alpha	8.970E-016	3.393E-015	7.634E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275920	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Beta	-2.00E-15	1.249E-014	2.294E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275921	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Alpha	5.600E-015	5.836E-015	7.672E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275921	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Beta	5.016E-014	1.812E-014	2.310E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275922	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Alpha	5.626E-015	5.836E-015	7.634E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275922	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Beta	-4.62E-16	1.277E-014	2.310E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275923	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Alpha	-2.84E-16	2.432E-015	7.634E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275923	SLAPS LOADOUT	08/12/24	Gross Alpha/Beta	Gross Beta	-4.06E-15	1.221E-014	2.291E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275924	SLAPS LOADOUT	08/13/24	Gross Alpha/Beta	Gross Alpha	8.910E-016	3.393E-015	7.642E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275924	SLAPS LOADOUT	08/13/24	Gross Alpha/Beta	Gross Beta	9.913E-015	1.385E-014	2.294E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275925	SLAPS LOADOUT	08/13/24	Gross Alpha/Beta	Gross Alpha	4.423E-015	5.329E-015	7.665E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275925	SLAPS LOADOUT	08/13/24	Gross Alpha/Beta	Gross Beta	3.991E-014	1.708E-014	2.306E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275926	SLAPS LOADOUT	08/13/24	Gross Alpha/Beta	Gross Alpha	-2.86E-16	2.432E-015	7.634E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275926	SLAPS LOADOUT	08/13/24	Gross Alpha/Beta	Gross Beta	-3.35E-16	1.266E-014	2.291E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275927	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Alpha	-1.68E-15	3.480E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275927	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Beta	1.070E-015	1.292E-014	2.321E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275928	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Alpha	4.258E-015	6.358E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275928	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Beta	-1.40E-15	1.276E-014	2.338E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275929	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Alpha	1.884E-015	5.390E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275929	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Beta	-4.93E-15	1.227E-014	2.329E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275930	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Alpha	6.608E-015	7.202E-015	1.061E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275930	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Beta	4.029E-014	1.742E-014	2.346E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275931	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Alpha	-1.69E-15	3.480E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275931	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Beta	3.407E-015	1.320E-014	2.321E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275932	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Alpha	-1.69E-15	3.480E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275932	SLAPS LOADOUT	08/14/24	Gross Alpha/Beta	Gross Beta	6.522E-015	1.357E-014	2.321E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275933	SLAPS LOADOUT	08/15/24	Gross Alpha/Beta	Gross Alpha	1.883E-015	5.390E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275933	SLAPS LOADOUT	08/15/24	Gross Alpha/Beta	Gross Beta	-2.59E-15	1.256E-014	2.329E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275934	SLAPS LOADOUT	08/15/24	Gross Alpha/Beta	Gross Alpha	4.252E-015	6.358E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275934	SLAPS LOADOUT	08/15/24	Gross Alpha/Beta	Gross Beta	7.945E-015	1.387E-014	2.338E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275935	SLAPS LOADOUT	08/15/24	Gross Alpha/Beta	Gross Alpha	1.017E-014	8.316E-015	1.061E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275935	SLAPS LOADOUT	08/15/24	Gross Alpha/Beta	Gross Beta	4.519E-014	1.798E-014	2.360E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275936	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Alpha	5.423E-015	6.793E-015	1.061E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275936	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Beta	3.502E-014	1.685E-014	2.342E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275937	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Alpha	-1.68E-15	3.480E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275937	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Beta	-7.50E-15	1.186E-014	2.321E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275938	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Alpha	-1.68E-15	3.480E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275938	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Beta	1.849E-015	1.302E-014	2.321E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275939	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Alpha	-4.06E-15	9.480E-016	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275939	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Beta	-6.35E-15	1.195E-014	2.321E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275940	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Alpha	6.970E-016	4.836E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275940	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Beta	-7.08E-15	1.197E-014	2.324E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275941	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Alpha	3.064E-015	5.893E-015	1.059E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275941	SLAPS LOADOUT	08/16/24	Gross Alpha/Beta	Gross Beta	7.349E-015	1.377E-014	2.333E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275942	SLAPS LOADOUT	08/19/24	Gross Alpha/Beta	Gross Alpha	4.234E-015	5.329E-015	7.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275942	SLAPS LOADOUT	08/19/24	Gross Alpha/Beta	Gross Beta	6.974E-015	1.333E-014	2.261E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275943	SLAPS LOADOUT	08/19/24	Gross Alpha/Beta	Gross Alpha	5.407E-015	5.836E-015	7.943E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275943	SLAPS LOADOUT	08/19/24	Gross Alpha/Beta	Gross Beta	2.467E-014	1.531E-014	2.265E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275944	SLAPS LOADOUT	08/19/24	Gross Alpha/Beta	Gross Alpha	5.419E-015	5.836E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275944	SLAPS LOADOUT	08/19/24	Gross Alpha/Beta	Gross Beta	8.450E-016	1.264E-014	2.265E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275945	SLAPS LOADOUT	08/20/24	Gross Alpha/Beta	Gross Alpha	6.720E-016	3.394E-015	7.950E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275945	SLAPS LOADOUT	08/20/24	Gross Alpha/Beta	Gross Beta	3.430E-014	1.624E-014	2.248E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275946	SLAPS LOADOUT	08/20/24	Gross Alpha/Beta	Gross Alpha	-4.91E-16	2.434E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275946	SLAPS LOADOUT	08/20/24	Gross Alpha/Beta	Gross Beta	-3.49E-15	1.199E-014	2.245E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275947	SLAPS LOADOUT	08/20/24	Gross Alpha/Beta	Gross Alpha	6.920E-016	3.394E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275947	SLAPS LOADOUT	08/20/24	Gross Alpha/Beta	Gross Beta	-3.67E-15	1.200E-014	2.248E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275948	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Alpha	-4.93E-16	2.434E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275948	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Beta	2.280E-016	1.244E-014	2.245E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275949	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Alpha	-4.94E-16	2.434E-015	7.927E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275949	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Beta	2.461E-015	1.271E-014	2.245E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275950	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Alpha	7.766E-015	6.740E-015	7.951E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275950	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Beta	3.548E-014	1.648E-014	2.273E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275951	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Alpha	-4.93E-16	2.434E-015	7.926E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275951	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Beta	2.280E-016	1.244E-014	2.245E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275952	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Alpha	6.603E-015	6.304E-015	7.926E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275952	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Beta	-8.19E-16	1.247E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275953	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Alpha	-4.95E-16	2.434E-015	7.929E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275953	SLAPS LOADOUT	08/21/24	Gross Alpha/Beta	Gross Beta	4.694E-015	1.297E-014	2.245E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275954	SLAPS LOADOUT	08/22/24	Gross Alpha/Beta	Gross Alpha	1.869E-015	4.139E-015	7.930E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275954	SLAPS LOADOUT	08/22/24	Gross Alpha/Beta	Gross Beta	5.834E-015	1.315E-014	2.252E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275955	SLAPS LOADOUT	08/22/24	Gross Alpha/Beta	Gross Alpha	7.765E-015	6.740E-015	7.953E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275955	SLAPS LOADOUT	08/22/24	Gross Alpha/Beta	Gross Beta	3.772E-014	1.671E-014	2.273E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275956	SLAPS LOADOUT	08/22/24	Gross Alpha/Beta	Gross Alpha	4.233E-015	5.329E-015	7.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275956	SLAPS LOADOUT	08/22/24	Gross Alpha/Beta	Gross Beta	7.719E-015	1.342E-014	2.261E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275957	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Alpha	1.078E-015	4.156E-015	8.938E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275957	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Beta	1.215E-014	1.433E-014	2.335E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275958	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Alpha	4.609E-015	5.846E-015	8.955E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275958	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Beta	4.141E-014	1.741E-014	2.347E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275959	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Alpha	-1.28E-15	2.468E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275959	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Beta	5.920E-016	1.299E-014	2.331E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275960	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Alpha	4.631E-015	5.846E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275960	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Beta	4.650E-016	1.310E-014	2.347E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275961	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Alpha	-9.80E-17	3.417E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275961	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Beta	-3.27E-16	1.291E-014	2.331E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275962	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Alpha	1.088E-015	4.156E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275962	SLAPS LOADOUT	08/25/24	Gross Alpha/Beta	Gross Beta	-7.20E-15	1.213E-014	2.335E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275963	SLAPS LOADOUT	08/26/24	Gross Alpha/Beta	Gross Alpha	9.337E-015	7.545E-015	8.958E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275963	SLAPS LOADOUT	08/26/24	Gross Alpha/Beta	Gross Beta	4.518E-014	1.786E-014	2.363E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275964	SLAPS LOADOUT	08/26/24	Gross Alpha/Beta	Gross Alpha	-1.03E-16	3.417E-015	8.936E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275964	SLAPS LOADOUT	08/26/24	Gross Alpha/Beta	Gross Beta	8.607E-015	1.391E-014	2.331E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275965	SLAPS LOADOUT	08/26/24	Gross Alpha/Beta	Gross Alpha	5.816E-015	6.312E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275965	SLAPS LOADOUT	08/26/24	Gross Alpha/Beta	Gross Beta	-3.43E-15	1.267E-014	2.351E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275966	SLAPS LOADOUT	08/27/24	Gross Alpha/Beta	Gross Alpha	6.962E-015	6.747E-015	8.969E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275966	SLAPS LOADOUT	08/27/24	Gross Alpha/Beta	Gross Beta	6.488E-014	1.972E-014	2.355E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275967	SLAPS LOADOUT	08/27/24	Gross Alpha/Beta	Gross Alpha	6.991E-015	6.747E-015	8.937E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275967	SLAPS LOADOUT	08/27/24	Gross Alpha/Beta	Gross Beta	9.793E-015	1.418E-014	2.355E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275968	SLAPS LOADOUT	08/27/24	Gross Alpha/Beta	Gross Alpha	1.079E-015	4.156E-015	8.936E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275968	SLAPS LOADOUT	08/27/24	Gross Alpha/Beta	Gross Beta	9.177E-015	1.400E-014	2.335E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275969	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Alpha	2.264E-015	4.784E-015	8.933E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA275969	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Beta	3.791E-015	1.342E-014	2.339E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275970	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Alpha	4.625E-015	5.846E-015	8.938E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275970	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Beta	1.163E-014	1.434E-014	2.347E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275971	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Alpha	-1.02E-16	3.417E-015	8.935E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275971	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Beta	6.373E-015	1.367E-014	2.331E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275972	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Alpha	3.451E-015	5.341E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275972	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Beta	-3.08E-15	1.266E-014	2.343E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275973	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Alpha	2.271E-015	4.784E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275973	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Beta	-8.12E-15	1.204E-014	2.339E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275974	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Alpha	-1.10E-16	3.417E-015	8.944E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275974	SLAPS LOADOUT	08/28/24	Gross Alpha/Beta	Gross Beta	2.201E-014	1.536E-014	2.331E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275975	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Alpha	9.488E-015	7.579E-015	8.874E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275975	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Beta	2.625E-014	1.595E-014	2.347E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275976	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Alpha	1.425E-014	8.982E-015	8.864E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275976	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Beta	1.228E-014	1.451E-014	2.365E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275977	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Alpha	9.484E-015	7.579E-015	8.878E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275977	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Beta	3.170E-014	1.653E-014	2.347E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275978	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Alpha	4.720E-015	5.872E-015	8.892E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275978	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Beta	5.191E-014	1.852E-014	2.329E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275979	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Alpha	1.181E-015	4.173E-015	8.864E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275979	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Beta	1.118E-014	1.412E-014	2.316E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275980	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Alpha	7.113E-015	6.777E-015	8.872E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275980	SLAPS LOADOUT	08/29/24	Gross Alpha/Beta	Gross Beta	2.350E-014	1.561E-014	2.338E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275981	SLAPS LOADOUT	09/03/24	Gross Alpha/Beta	Gross Alpha	1.067E-014	7.952E-015	8.876E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275981	SLAPS LOADOUT	09/03/24	Gross Alpha/Beta	Gross Beta	2.918E-014	1.629E-014	2.352E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275982	SLAPS LOADOUT	09/03/24	Gross Alpha/Beta	Gross Alpha	2.361E-015	4.805E-015	8.873E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275982	SLAPS LOADOUT	09/03/24	Gross Alpha/Beta	Gross Beta	2.501E-014	1.569E-014	2.320E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275983	SLAPS LOADOUT	09/03/24	Gross Alpha/Beta	Gross Alpha	8.306E-015	7.189E-015	8.867E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275983	SLAPS LOADOUT	09/03/24	Gross Alpha/Beta	Gross Beta	1.631E-014	1.484E-014	2.343E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275984	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Alpha	7.100E-015	6.777E-015	8.887E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA275984	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Beta	4.453E-014	1.782E-014	2.338E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA275985	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Alpha	4.744E-015	5.872E-015	8.865E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275985	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Beta	1.296E-014	1.440E-014	2.329E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275986	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Alpha	5.925E-015	6.340E-015	8.872E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275986	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Beta	2.369E-014	1.561E-014	2.334E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA275987	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Alpha	1.182E-015	4.173E-015	8.862E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275987	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Beta	9.618E-015	1.394E-014	2.316E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275988	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Alpha	4.743E-015	5.872E-015	8.866E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275988	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Beta	1.452E-014	1.457E-014	2.329E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275989	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Alpha	4.749E-015	5.872E-015	8.859E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275989	SLAPS LOADOUT	09/04/24	Gross Alpha/Beta	Gross Beta	4.396E-015	1.341E-014	2.329E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275990	SLAPS LOADOUT	09/05/24	Gross Alpha/Beta	Gross Alpha	1.753E-015	4.141E-015	8.091E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA275990	SLAPS LOADOUT	09/05/24	Gross Alpha/Beta	Gross Beta	4.006E-014	1.719E-014	2.327E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA277527	SLAPS LOADOUT	09/05/24	Gross Alpha/Beta	Gross Alpha	5.960E-016	3.397E-015	8.063E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277527	SLAPS LOADOUT	09/05/24	Gross Alpha/Beta	Gross Beta	-8.15E-15	1.194E-014	2.323E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277528	SLAPS LOADOUT	09/05/24	Gross Alpha/Beta	Gross Alpha	-5.94E-16	2.438E-015	8.067E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277528	SLAPS LOADOUT	09/05/24	Gross Alpha/Beta	Gross Beta	5.422E-015	1.349E-014	2.321E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277529	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Alpha	1.190E-015	4.827E-015	1.012E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277529	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Beta	-3.79E-15	1.315E-014	2.446E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277530	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Alpha	2.340E-015	5.382E-015	1.016E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277530	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Beta	5.834E-014	1.966E-014	2.450E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277531	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Alpha	1.425E-014	9.304E-015	1.013E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277531	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Beta	4.329E-015	1.435E-014	2.492E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277532	SLAPS LOADOUT	09/06/24	Gross Alpha/Beta	Gross Alpha	5.680E-016	3.397E-015	8.093E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277532	SLAPS LOADOUT	09/06/24	Gross Alpha/Beta	Gross Beta	4.396E-014	1.756E-014	2.323E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277533	SLAPS LOADOUT	09/06/24	Gross Alpha/Beta	Gross Alpha	1.763E-015	4.141E-015	8.077E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277533	SLAPS LOADOUT	09/06/24	Gross Alpha/Beta	Gross Beta	1.996E-014	1.513E-014	2.327E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277534	SLAPS LOADOUT	09/06/24	Gross Alpha/Beta	Gross Alpha	1.771E-015	4.141E-015	8.067E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277534	SLAPS LOADOUT	09/06/24	Gross Alpha/Beta	Gross Beta	5.818E-015	1.359E-014	2.327E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277535	SLAPS LOADOUT	09/09/24	Gross Alpha/Beta	Gross Alpha	-1.78E-15	6.060E-016	8.066E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277535	SLAPS LOADOUT	09/09/24	Gross Alpha/Beta	Gross Beta	4.108E-015	1.332E-014	2.321E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277536	SLAPS LOADOUT	09/09/24	Gross Alpha/Beta	Gross Alpha	1.769E-015	4.141E-015	8.069E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277536	SLAPS LOADOUT	09/09/24	Gross Alpha/Beta	Gross Beta	8.796E-015	1.392E-014	2.327E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277537	SLAPS LOADOUT	09/09/24	Gross Alpha/Beta	Gross Alpha	1.755E-015	4.141E-015	8.087E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277537	SLAPS LOADOUT	09/09/24	Gross Alpha/Beta	Gross Beta	3.485E-014	1.667E-014	2.327E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277538	SLAPS LOADOUT	09/10/24	Gross Alpha/Beta	Gross Alpha	4.136E-015	5.331E-015	8.067E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277538	SLAPS LOADOUT	09/10/24	Gross Alpha/Beta	Gross Beta	5.469E-015	1.359E-014	2.335E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277539	SLAPS LOADOUT	09/10/24	Gross Alpha/Beta	Gross Alpha	5.890E-016	3.397E-015	8.065E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277539	SLAPS LOADOUT	09/10/24	Gross Alpha/Beta	Gross Beta	3.759E-015	1.333E-014	2.323E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277540	SLAPS LOADOUT	09/10/24	Gross Alpha/Beta	Gross Alpha	6.488E-015	6.305E-015	8.083E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277540	SLAPS LOADOUT	09/10/24	Gross Alpha/Beta	Gross Beta	2.969E-014	1.622E-014	2.343E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277541	SLAPS LOADOUT	09/11/24	Gross Alpha/Beta	Gross Alpha	2.951E-015	4.772E-015	8.070E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277541	SLAPS LOADOUT	09/11/24	Gross Alpha/Beta	Gross Beta	1.011E-014	1.408E-014	2.331E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277542	SLAPS LOADOUT	09/11/24	Gross Alpha/Beta	Gross Alpha	-1.77E-15	6.060E-016	8.064E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277542	SLAPS LOADOUT	09/11/24	Gross Alpha/Beta	Gross Beta	1.130E-015	1.298E-014	2.321E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277543	SLAPS LOADOUT	09/11/24	Gross Alpha/Beta	Gross Alpha	4.116E-015	5.331E-015	8.093E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277543	SLAPS LOADOUT	09/11/24	Gross Alpha/Beta	Gross Beta	4.344E-014	1.756E-014	2.335E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277544	SLAPS LOADOUT	09/12/24	Gross Alpha/Beta	Gross Alpha	-3.26E-15	8.380E-016	9.787E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277544	SLAPS LOADOUT	09/12/24	Gross Alpha/Beta	Gross Beta	5.288E-015	1.349E-014	2.333E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277545	SLAPS LOADOUT	09/12/24	Gross Alpha/Beta	Gross Alpha	3.846E-015	5.856E-015	9.784E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277545	SLAPS LOADOUT	09/12/24	Gross Alpha/Beta	Gross Beta	-6.18E-15	1.232E-014	2.346E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277546	SLAPS LOADOUT	09/12/24	Gross Alpha/Beta	Gross Alpha	-8.91E-16	3.440E-015	9.788E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277546	SLAPS LOADOUT	09/12/24	Gross Alpha/Beta	Gross Beta	7.916E-015	1.383E-014	2.333E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277547	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Alpha	2.950E-016	4.174E-015	9.784E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277547	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Beta	2.980E-016	1.300E-014	2.334E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277548	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Alpha	2.720E-016	4.174E-015	9.807E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA277548	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Beta	4.496E-014	1.771E-014	2.333E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277549	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Alpha	2.661E-015	5.353E-015	9.784E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277549	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Beta	-7.96E-16	1.292E-014	2.342E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277550	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Alpha	-8.86E-16	3.440E-015	9.784E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277550	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Beta	-2.51E-15	1.265E-014	2.333E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277551	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Alpha	2.920E-016	4.174E-015	9.788E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277551	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Beta	7.742E-015	1.384E-014	2.334E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277552	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Alpha	-8.83E-16	3.440E-015	9.784E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277552	SLAPS LOADOUT	09/13/24	Gross Alpha/Beta	Gross Beta	-7.72E-15	1.203E-014	2.333E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277553	SLAPS LOADOUT	09/16/24	Gross Alpha/Beta	Gross Alpha	8.546E-015	7.550E-015	9.811E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277553	SLAPS LOADOUT	09/16/24	Gross Alpha/Beta	Gross Beta	5.119E-014	1.844E-014	2.362E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277554	SLAPS LOADOUT	09/16/24	Gross Alpha/Beta	Gross Alpha	2.657E-015	5.353E-015	9.787E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277554	SLAPS LOADOUT	09/16/24	Gross Alpha/Beta	Gross Beta	5.904E-015	1.368E-014	2.342E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277555	SLAPS LOADOUT	09/16/24	Gross Alpha/Beta	Gross Alpha	3.840E-015	5.856E-015	9.787E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277555	SLAPS LOADOUT	09/16/24	Gross Alpha/Beta	Gross Beta	4.985E-015	1.360E-014	2.346E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277556	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Alpha	7.387E-015	7.162E-015	9.787E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277556	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Beta	5.951E-015	1.378E-014	2.358E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277557	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Alpha	1.800E-014	1.016E-014	9.812E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277557	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Beta	5.351E-014	1.880E-014	2.394E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277558	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Alpha	7.391E-015	7.162E-015	9.784E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277558	SLAPS LOADOUT	09/17/24	Gross Alpha/Beta	Gross Beta	-1.49E-15	1.294E-014	2.358E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277559	SLAPS LOADOUT	09/18/24	Gross Alpha/Beta	Gross Alpha	-8.87E-16	3.440E-015	9.785E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277559	SLAPS LOADOUT	09/18/24	Gross Alpha/Beta	Gross Beta	1.217E-015	1.308E-014	2.333E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277560	SLAPS LOADOUT	09/18/24	Gross Alpha/Beta	Gross Alpha	6.170E-015	6.754E-015	9.821E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277560	SLAPS LOADOUT	09/18/24	Gross Alpha/Beta	Gross Beta	7.089E-014	2.028E-014	2.354E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277561	SLAPS LOADOUT	09/18/24	Gross Alpha/Beta	Gross Alpha	-3.25E-15	8.380E-016	9.784E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277561	SLAPS LOADOUT	09/18/24	Gross Alpha/Beta	Gross Beta	-4.39E-15	1.238E-014	2.333E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277562	SLAPS LOADOUT	09/19/24	Gross Alpha/Beta	Gross Alpha	1.520E-016	3.410E-015	8.637E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277562	SLAPS LOADOUT	09/19/24	Gross Alpha/Beta	Gross Beta	-7.40E-15	1.154E-014	2.248E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277563	SLAPS LOADOUT	09/19/24	Gross Alpha/Beta	Gross Alpha	6.055E-015	6.309E-015	8.643E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277563	SLAPS LOADOUT	09/19/24	Gross Alpha/Beta	Gross Beta	1.034E-014	1.376E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277564	SLAPS LOADOUT	09/19/24	Gross Alpha/Beta	Gross Alpha	1.195E-014	8.269E-015	8.665E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277564	SLAPS LOADOUT	09/19/24	Gross Alpha/Beta	Gross Beta	4.520E-014	1.754E-014	2.290E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277565	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Alpha	7.533E-015	9.030E-015	1.335E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277565	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Beta	9.338E-015	2.048E-014	3.501E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277566	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Alpha	3.854E-015	7.387E-015	1.338E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277566	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Beta	5.590E-014	2.546E-014	3.488E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277567	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Alpha	5.701E-015	8.248E-015	1.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277567	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Beta	1.881E-014	2.152E-014	3.494E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277568	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Alpha	1.484E-014	1.166E-014	1.336E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277568	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Beta	1.171E-014	2.090E-014	3.527E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277569	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Alpha	-1.61E-15	3.797E-015	1.337E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277569	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Beta	2.794E-014	2.239E-014	3.474E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA277570	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Alpha	2.049E-015	6.415E-015	1.336E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277570	SLAPS LOADOUT	09/25/24	Gross Alpha/Beta	Gross Beta	1.360E-014	2.086E-014	3.481E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277571	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Alpha	-7.70E-17	4.202E-015	1.020E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277571	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Beta	4.495E-014	1.781E-014	2.327E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277572	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Alpha	1.139E-015	4.828E-015	1.017E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277572	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Beta	-4.02E-16	1.284E-014	2.331E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277573	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Alpha	4.694E-015	6.353E-015	1.018E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277573	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Beta	1.307E-014	1.449E-014	2.344E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277574	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Alpha	-5.40E-17	4.202E-015	1.018E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277574	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Beta	6.790E-015	1.367E-014	2.327E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277575	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Alpha	-5.10E-17	4.202E-015	1.017E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277575	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Beta	2.896E-015	1.321E-014	2.327E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277576	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Alpha	8.264E-015	7.587E-015	1.017E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277576	SLAPS LOADOUT	09/26/24	Gross Alpha/Beta	Gross Beta	3.953E-015	1.352E-014	2.358E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277577	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Alpha	5.875E-015	6.788E-015	1.019E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277577	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Beta	2.457E-014	1.578E-014	2.349E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277578	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Alpha	4.702E-015	6.353E-015	1.017E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277578	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Beta	-1.72E-16	1.295E-014	2.344E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277579	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Alpha	1.136E-015	4.828E-015	1.017E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277579	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Beta	4.271E-015	1.340E-014	2.331E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277580	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Alpha	-1.23E-15	3.466E-015	1.017E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277580	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Beta	-7.83E-15	1.186E-014	2.327E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277581	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Alpha	7.077E-015	7.198E-015	1.017E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277581	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Beta	2.578E-015	1.333E-014	2.353E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277582	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Alpha	4.703E-015	6.353E-015	1.017E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277582	SLAPS LOADOUT	09/30/24	Gross Alpha/Beta	Gross Beta	-1.73E-15	1.276E-014	2.344E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277583	SLAPS LOADOUT	10/01/24	Gross Alpha/Beta	Gross Alpha	3.511E-015	5.887E-015	1.018E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277583	SLAPS LOADOUT	10/01/24	Gross Alpha/Beta	Gross Beta	6.242E-015	1.368E-014	2.340E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277584	SLAPS LOADOUT	10/01/24	Gross Alpha/Beta	Gross Alpha	7.059E-015	7.198E-015	1.019E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277584	SLAPS LOADOUT	10/01/24	Gross Alpha/Beta	Gross Beta	3.062E-014	1.644E-014	2.353E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277585	SLAPS LOADOUT	10/01/24	Gross Alpha/Beta	Gross Alpha	2.318E-015	5.383E-015	1.018E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277585	SLAPS LOADOUT	10/01/24	Gross Alpha/Beta	Gross Beta	1.421E-014	1.457E-014	2.335E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277586	SLAPS LOADOUT	10/02/24	Gross Alpha/Beta	Gross Alpha	3.513E-015	5.887E-015	1.017E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277586	SLAPS LOADOUT	10/02/24	Gross Alpha/Beta	Gross Beta	1.569E-015	1.313E-014	2.340E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277587	SLAPS LOADOUT	10/02/24	Gross Alpha/Beta	Gross Alpha	7.078E-015	7.198E-015	1.017E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277587	SLAPS LOADOUT	10/02/24	Gross Alpha/Beta	Gross Beta	-5.38E-16	1.296E-014	2.353E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277588	SLAPS LOADOUT	10/02/24	Gross Alpha/Beta	Gross Alpha	-1.23E-15	3.466E-015	1.017E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277588	SLAPS LOADOUT	10/02/24	Gross Alpha/Beta	Gross Beta	-6.27E-15	1.206E-014	2.327E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277589	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Alpha	1.576E-015	5.395E-015	1.086E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277589	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Beta	1.251E-014	1.448E-014	2.354E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277590	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Alpha	1.583E-015	5.395E-015	1.085E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277590	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Beta	8.270E-016	1.313E-014	2.354E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277591	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Alpha	7.520E-015	7.593E-015	1.086E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA277591	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Beta	5.365E-015	1.379E-014	2.377E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277592	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Alpha	5.140E-015	6.796E-015	1.086E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277592	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Beta	1.352E-014	1.467E-014	2.368E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277593	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Alpha	9.876E-015	8.317E-015	1.087E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277593	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Beta	3.849E-014	1.741E-014	2.385E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277594	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Alpha	1.584E-015	5.395E-015	1.085E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277594	SLAPS LOADOUT	10/03/24	Gross Alpha/Beta	Gross Beta	4.800E-017	1.304E-014	2.354E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277595	SLAPS LOADOUT	10/04/24	Gross Alpha/Beta	Gross Alpha	7.517E-015	7.592E-015	1.086E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277595	SLAPS LOADOUT	10/04/24	Gross Alpha/Beta	Gross Beta	1.082E-014	1.441E-014	2.376E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277596	SLAPS LOADOUT	10/04/24	Gross Alpha/Beta	Gross Alpha	5.112E-015	6.796E-015	1.088E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277596	SLAPS LOADOUT	10/04/24	Gross Alpha/Beta	Gross Beta	5.869E-014	1.935E-014	2.368E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277597	SLAPS LOADOUT	10/04/24	Gross Alpha/Beta	Gross Alpha	1.589E-015	5.395E-015	1.085E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277597	SLAPS LOADOUT	10/04/24	Gross Alpha/Beta	Gross Beta	-7.74E-15	1.209E-014	2.354E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277598	SLAPS LOADOUT	10/07/24	Gross Alpha/Beta	Gross Alpha	1.573E-015	5.395E-015	1.086E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277598	SLAPS LOADOUT	10/07/24	Gross Alpha/Beta	Gross Beta	1.718E-014	1.500E-014	2.354E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277599	SLAPS LOADOUT	10/07/24	Gross Alpha/Beta	Gross Alpha	1.559E-015	5.395E-015	1.087E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277599	SLAPS LOADOUT	10/07/24	Gross Alpha/Beta	Gross Beta	4.133E-014	1.756E-014	2.354E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277600	SLAPS LOADOUT	10/07/24	Gross Alpha/Beta	Gross Alpha	-1.99E-15	3.490E-015	1.086E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277600	SLAPS LOADOUT	10/07/24	Gross Alpha/Beta	Gross Beta	8.385E-015	1.394E-014	2.349E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277601	SLAPS LOADOUT	10/08/24	Gross Alpha/Beta	Gross Alpha	-2.65E-16	3.671E-015	9.766E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277601	SLAPS LOADOUT	10/08/24	Gross Alpha/Beta	Gross Beta	7.884E-015	1.117E-014	1.856E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277602	SLAPS LOADOUT	10/08/24	Gross Alpha/Beta	Gross Alpha	2.273E-015	5.137E-015	9.766E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277602	SLAPS LOADOUT	10/08/24	Gross Alpha/Beta	Gross Beta	4.260E-015	1.069E-014	1.867E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277603	SLAPS LOADOUT	10/08/24	Gross Alpha/Beta	Gross Alpha	4.807E-015	6.274E-015	9.769E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277603	SLAPS LOADOUT	10/08/24	Gross Alpha/Beta	Gross Beta	3.699E-014	1.515E-014	1.880E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277604	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Alpha	3.542E-015	5.733E-015	9.766E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277604	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Beta	6.487E-015	1.107E-014	1.874E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277605	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Alpha	2.272E-015	5.137E-015	9.767E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277605	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Beta	1.234E-014	1.188E-014	1.867E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277606	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Alpha	2.274E-015	5.137E-015	9.765E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277606	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Beta	-2.20E-15	9.662E-015	1.867E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277607	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Alpha	9.990E-016	4.463E-015	9.771E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277607	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Beta	4.808E-014	1.638E-014	1.861E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277608	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Alpha	-1.53E-15	2.655E-015	9.765E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277608	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Beta	1.000E-018	9.904E-015	1.856E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277609	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Alpha	-2.65E-16	3.671E-015	9.766E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277609	SLAPS LOADOUT	10/09/24	Gross Alpha/Beta	Gross Beta	3.037E-015	1.043E-014	1.856E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277610	SLAPS LOADOUT	10/10/24	Gross Alpha/Beta	Gross Alpha	8.965E-015	7.620E-015	9.583E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277610	SLAPS LOADOUT	10/10/24	Gross Alpha/Beta	Gross Beta	7.137E-014	2.047E-014	2.340E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277611	SLAPS LOADOUT	10/10/24	Gross Alpha/Beta	Gross Alpha	1.870E-015	4.872E-015	9.549E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277611	SLAPS LOADOUT	10/10/24	Gross Alpha/Beta	Gross Beta	1.717E-014	1.478E-014	2.313E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277612	SLAPS LOADOUT	10/10/24	Gross Alpha/Beta	Gross Alpha	5.442E-015	6.390E-015	9.541E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277612	SLAPS LOADOUT	10/10/24	Gross Alpha/Beta	Gross Beta	4.939E-015	1.345E-014	2.327E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA277613	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Alpha	3.030E-015	5.424E-015	9.578E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277613	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Beta	6.372E-014	1.964E-014	2.317E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277614	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Alpha	3.063E-015	5.424E-015	9.544E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277614	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Beta	9.199E-015	1.390E-014	2.317E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277615	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Alpha	7.814E-015	7.232E-015	9.545E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277615	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Beta	1.080E-014	1.418E-014	2.335E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277616	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Alpha	1.732E-014	9.942E-015	9.547E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277616	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Beta	1.401E-014	1.474E-014	2.371E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277617	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Alpha	1.138E-014	8.345E-015	9.547E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277617	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Beta	1.415E-014	1.464E-014	2.349E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277618	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Alpha	1.019E-014	7.990E-015	9.550E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277618	SLAPS LOADOUT	10/11/24	Gross Alpha/Beta	Gross Beta	1.901E-014	1.515E-014	2.344E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277619	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Alpha	1.017E-014	7.990E-015	9.562E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA277619	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Beta	3.770E-014	1.714E-014	2.344E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA277620	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Alpha	3.059E-015	5.424E-015	9.548E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277620	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Beta	1.621E-014	1.470E-014	2.317E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277621	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Alpha	1.868E-015	4.872E-015	9.552E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277621	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Beta	2.184E-014	1.530E-014	2.313E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA277622	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Alpha	3.070E-015	5.424E-015	9.538E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277622	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Beta	-1.71E-15	1.260E-014	2.318E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277623	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Alpha	1.876E-015	4.872E-015	9.543E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277623	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Beta	7.824E-015	1.371E-014	2.313E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277624	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Alpha	4.253E-015	5.926E-015	9.542E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277624	SLAPS LOADOUT	10/16/24	Gross Alpha/Beta	Gross Beta	5.900E-015	1.354E-014	2.322E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277625	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Alpha	1.729E-015	4.142E-015	8.130E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277625	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Beta	-8.23E-15	1.194E-014	2.325E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277626	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Alpha	-6.45E-16	2.440E-015	8.136E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA277626	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Beta	8.500E-015	1.383E-014	2.319E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278346	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Alpha	5.410E-016	3.398E-015	8.131E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278346	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Beta	1.626E-015	1.307E-014	2.321E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278347	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Alpha	-6.32E-16	2.440E-015	8.130E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278347	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Beta	-1.61E-14	1.091E-014	2.319E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278348	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Alpha	2.911E-015	4.773E-015	8.130E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278348	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Beta	-6.91E-15	1.213E-014	2.329E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278349	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Alpha	4.071E-015	5.331E-015	8.154E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278349	SLAPS LOADOUT	10/23/24	Gross Alpha/Beta	Gross Beta	3.535E-014	1.675E-014	2.333E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278350	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Alpha	-5.82E-16	2.614E-015	8.579E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278350	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Beta	3.994E-015	1.055E-014	1.852E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278351	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Alpha	1.956E-015	4.442E-015	8.580E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278351	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Beta	5.218E-015	1.081E-014	1.862E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278352	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Alpha	1.956E-015	4.442E-015	8.579E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278352	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Beta	3.710E-016	1.005E-014	1.862E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278353	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Alpha	4.493E-015	5.719E-015	8.580E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA278353	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Beta	8.865E-015	1.142E-014	1.875E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278354	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Alpha	9.563E-015	7.673E-015	8.587E-015	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA278354	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Beta	5.817E-014	1.766E-014	1.900E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278355	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Alpha	6.880E-016	3.644E-015	8.579E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278355	SLAPS LOADOUT	10/25/24	Gross Alpha/Beta	Gross Beta	-1.86E-15	9.645E-015	1.855E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278356	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Alpha	3.218E-015	5.120E-015	8.588E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278356	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Beta	6.399E-014	1.819E-014	1.868E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278357	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Alpha	1.955E-015	4.442E-015	8.580E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278357	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Beta	8.449E-015	1.129E-014	1.862E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278358	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Alpha	3.224E-015	5.120E-015	8.580E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278358	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Beta	9.869E-015	1.153E-014	1.868E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278359	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Alpha	6.870E-016	3.644E-015	8.579E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278359	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Beta	2.183E-015	1.030E-014	1.855E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278360	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Alpha	1.955E-015	4.442E-015	8.580E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278360	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Beta	1.007E-014	1.153E-014	1.862E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278361	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Alpha	4.494E-015	5.719E-015	8.579E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278361	SLAPS LOADOUT	10/28/24	Gross Alpha/Beta	Gross Beta	1.594E-015	1.032E-014	1.875E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278362	SLAPS LOADOUT	10/29/24	Gross Alpha/Beta	Gross Alpha	6.880E-016	3.644E-015	8.579E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278362	SLAPS LOADOUT	10/29/24	Gross Alpha/Beta	Gross Beta	-5.09E-15	9.095E-015	1.855E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278363	SLAPS LOADOUT	10/29/24	Gross Alpha/Beta	Gross Alpha	8.296E-015	7.233E-015	8.585E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278363	SLAPS LOADOUT	10/29/24	Gross Alpha/Beta	Gross Beta	4.382E-014	1.601E-014	1.894E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278364	SLAPS LOADOUT	10/29/24	Gross Alpha/Beta	Gross Alpha	3.225E-015	5.120E-015	8.580E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278364	SLAPS LOADOUT	10/29/24	Gross Alpha/Beta	Gross Beta	4.214E-015	1.069E-014	1.868E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278365	SLAPS LOADOUT	10/30/24	Gross Alpha/Beta	Gross Alpha	4.493E-015	5.719E-015	8.580E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278365	SLAPS LOADOUT	10/30/24	Gross Alpha/Beta	Gross Beta	5.633E-015	1.094E-014	1.875E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278366	SLAPS LOADOUT	10/30/24	Gross Alpha/Beta	Gross Alpha	8.294E-015	7.233E-015	8.587E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278366	SLAPS LOADOUT	10/30/24	Gross Alpha/Beta	Gross Beta	5.917E-014	1.775E-014	1.894E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278367	SLAPS LOADOUT	10/30/24	Gross Alpha/Beta	Gross Alpha	4.493E-015	5.719E-015	8.580E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278367	SLAPS LOADOUT	10/30/24	Gross Alpha/Beta	Gross Beta	5.633E-015	1.094E-014	1.875E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278368	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Alpha	-1.73E-15	2.498E-015	9.469E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278368	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Beta	-1.23E-16	1.302E-014	2.361E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278369	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Alpha	3.014E-015	5.372E-015	9.474E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278369	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Beta	8.492E-015	1.413E-014	2.373E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278370	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Alpha	-1.73E-15	2.498E-015	9.469E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278370	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Beta	-6.35E-15	1.226E-014	2.361E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278371	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Alpha	4.207E-015	5.878E-015	9.469E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278371	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Beta	5.210E-016	1.323E-014	2.377E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278372	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Alpha	-5.34E-16	3.446E-015	9.469E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278372	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Beta	-1.74E-14	1.087E-014	2.361E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278373	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Alpha	8.947E-015	7.583E-015	9.481E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278373	SLAPS LOADOUT	10/31/24	Gross Alpha/Beta	Gross Beta	1.926E-014	1.544E-014	2.394E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278374	SLAPS LOADOUT	11/01/24	Gross Alpha/Beta	Gross Alpha	5.394E-015	6.346E-015	9.470E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278374	SLAPS LOADOUT	11/01/24	Gross Alpha/Beta	Gross Beta	1.896E-015	1.342E-014	2.381E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA278375	SLAPS LOADOUT	11/01/24	Gross Alpha/Beta	Gross Alpha	6.420E-016	4.186E-015	9.471E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278375	SLAPS LOADOUT	11/01/24	Gross Alpha/Beta	Gross Beta	2.627E-015	1.340E-014	2.364E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278376	SLAPS LOADOUT	11/01/24	Gross Alpha/Beta	Gross Alpha	4.194E-015	5.878E-015	9.483E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278376	SLAPS LOADOUT	11/01/24	Gross Alpha/Beta	Gross Beta	2.233E-014	1.568E-014	2.377E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278377	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Alpha	-1.73E-15	2.498E-015	9.469E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278377	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Beta	-3.24E-15	1.265E-014	2.361E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278378	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Alpha	3.012E-015	5.372E-015	9.476E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278378	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Beta	1.161E-014	1.448E-014	2.373E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278379	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Alpha	1.827E-015	4.815E-015	9.474E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278379	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Beta	7.896E-015	1.404E-014	2.368E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278380	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Alpha	4.193E-015	5.878E-015	9.484E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278380	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Beta	2.389E-014	1.585E-014	2.377E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA278381	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Alpha	6.380E-016	4.186E-015	9.474E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278381	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Beta	8.858E-015	1.412E-014	2.364E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278382	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Alpha	5.397E-015	6.346E-015	9.469E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278382	SLAPS LOADOUT	11/06/24	Gross Alpha/Beta	Gross Beta	-3.56E-15	1.277E-014	2.381E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278383	SLAPS LOADOUT	11/07/24	Gross Alpha/Beta	Gross Alpha	6.580E-015	6.782E-015	9.472E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278383	SLAPS LOADOUT	11/07/24	Gross Alpha/Beta	Gross Beta	4.828E-015	1.379E-014	2.386E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278384	SLAPS LOADOUT	11/07/24	Gross Alpha/Beta	Gross Alpha	3.016E-015	5.372E-015	9.473E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278384	SLAPS LOADOUT	11/07/24	Gross Alpha/Beta	Gross Beta	6.156E-015	1.386E-014	2.373E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278385	SLAPS LOADOUT	11/07/24	Gross Alpha/Beta	Gross Alpha	-5.51E-16	3.446E-015	9.476E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278385	SLAPS LOADOUT	11/07/24	Gross Alpha/Beta	Gross Beta	1.138E-014	1.438E-014	2.361E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278386	SLAPS LOADOUT	11/08/24	Gross Alpha/Beta	Gross Alpha	1.111E-015	3.632E-015	7.953E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278386	SLAPS LOADOUT	11/08/24	Gross Alpha/Beta	Gross Beta	-4.01E-15	8.932E-015	1.802E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278387	SLAPS LOADOUT	11/08/24	Gross Alpha/Beta	Gross Alpha	-1.58E-16	2.597E-015	7.953E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278387	SLAPS LOADOUT	11/08/24	Gross Alpha/Beta	Gross Beta	-1.39E-15	9.348E-015	1.796E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278388	SLAPS LOADOUT	11/08/24	Gross Alpha/Beta	Gross Alpha	6.182E-015	6.258E-015	7.959E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278388	SLAPS LOADOUT	11/08/24	Gross Alpha/Beta	Gross Beta	3.641E-014	1.487E-014	1.829E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278389	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Alpha	1.106E-015	3.632E-015	7.959E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278389	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Beta	4.123E-014	1.535E-014	1.802E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278390	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Alpha	-1.58E-16	2.597E-015	7.953E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278390	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Beta	-1.39E-15	9.348E-015	1.796E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278391	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Alpha	-1.58E-16	2.597E-015	7.953E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278391	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Beta	-3.81E-15	8.923E-015	1.796E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278392	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Alpha	1.110E-015	3.632E-015	7.953E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278392	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Beta	3.262E-015	1.016E-014	1.802E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278393	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Alpha	1.109E-015	3.632E-015	7.954E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278393	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Beta	8.109E-015	1.092E-014	1.802E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278394	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Alpha	-1.60E-16	2.597E-015	7.955E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278394	SLAPS LOADOUT	11/13/24	Gross Alpha/Beta	Gross Beta	1.073E-014	1.128E-014	1.796E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278395	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Alpha	1.521E-015	4.146E-015	8.397E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278395	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Beta	1.119E-014	1.375E-014	2.249E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278396	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Alpha	-8.32E-16	2.449E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA278396	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Beta	-1.01E-14	1.115E-014	2.244E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278397	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Alpha	3.430E-016	3.404E-015	8.392E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278397	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Beta	3.175E-015	1.280E-014	2.245E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278398	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Alpha	3.500E-016	3.404E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278398	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Beta	-8.74E-15	1.135E-014	2.245E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278399	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Alpha	3.400E-016	3.404E-015	8.395E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278399	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Beta	8.386E-015	1.341E-014	2.245E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278400	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Alpha	6.227E-015	6.307E-015	8.427E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278400	SLAPS LOADOUT	11/15/24	Gross Alpha/Beta	Gross Beta	5.739E-014	1.864E-014	2.266E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278401	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Alpha	-2.02E-15	6.490E-016	8.394E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278401	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Beta	7.246E-015	1.323E-014	2.244E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278402	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Alpha	3.896E-015	5.334E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278402	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Beta	-7.77E-15	1.155E-014	2.258E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278403	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Alpha	-2.03E-15	6.500E-016	8.399E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278403	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Beta	1.469E-014	1.407E-014	2.244E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278404	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Alpha	-8.37E-16	2.449E-015	8.389E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278404	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Beta	-1.12E-15	1.226E-014	2.244E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278405	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Alpha	3.430E-016	3.404E-015	8.392E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278405	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Beta	3.175E-015	1.280E-014	2.245E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278406	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Alpha	-2.03E-15	6.490E-016	8.395E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278406	SLAPS LOADOUT	11/22/24	Gross Alpha/Beta	Gross Beta	8.735E-015	1.340E-014	2.244E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278407	SLAPS LOADOUT	11/26/24	Gross Alpha/Beta	Gross Alpha	9.570E-016	9.644E-015	2.380E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278407	SLAPS LOADOUT	11/26/24	Gross Alpha/Beta	Gross Beta	3.853E-014	3.966E-014	6.361E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278408	SLAPS LOADOUT	11/26/24	Gross Alpha/Beta	Gross Alpha	9.670E-016	9.644E-015	2.378E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278408	SLAPS LOADOUT	11/26/24	Gross Alpha/Beta	Gross Beta	1.954E-014	3.750E-014	6.361E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278409	SLAPS LOADOUT	11/26/24	Gross Alpha/Beta	Gross Alpha	-2.38E-15	6.938E-015	2.377E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278409	SLAPS LOADOUT	11/26/24	Gross Alpha/Beta	Gross Beta	3.162E-015	3.551E-014	6.357E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278410	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Alpha	-1.28E-15	2.468E-015	8.932E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278410	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Beta	1.988E-015	1.307E-014	2.318E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278411	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Alpha	-1.02E-16	3.417E-015	8.935E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278411	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Beta	7.025E-015	1.366E-014	2.318E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278412	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Alpha	2.260E-015	4.784E-015	8.938E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278412	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Beta	1.189E-014	1.425E-014	2.326E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278413	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Alpha	-1.04E-16	3.417E-015	8.937E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278413	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Beta	1.000E-014	1.400E-014	2.318E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278414	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Alpha	3.450E-015	5.341E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278414	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Beta	-1.69E-15	1.274E-014	2.330E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278415	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Alpha	1.087E-015	4.156E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278415	SLAPS LOADOUT	11/27/24	Gross Alpha/Beta	Gross Beta	-5.06E-15	1.230E-014	2.322E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278416	SLAPS LOADOUT	12/02/24	Gross Alpha/Beta	Gross Alpha	2.263E-015	4.784E-015	8.935E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278416	SLAPS LOADOUT	12/02/24	Gross Alpha/Beta	Gross Beta	7.420E-015	1.376E-014	2.326E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278417	SLAPS LOADOUT	12/02/24	Gross Alpha/Beta	Gross Alpha	4.634E-015	5.846E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278417	SLAPS LOADOUT	12/02/24	Gross Alpha/Beta	Gross Beta	-4.10E-15	1.249E-014	2.334E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA278418	SLAPS LOADOUT	12/02/24	Gross Alpha/Beta	Gross Alpha	4.594E-015	5.846E-015	8.973E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278418	SLAPS LOADOUT	12/02/24	Gross Alpha/Beta	Gross Beta	7.035E-014	2.015E-014	2.334E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278419	SLAPS LOADOUT	12/03/24	Gross Alpha/Beta	Gross Alpha	-1.00E-16	3.417E-015	8.932E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278419	SLAPS LOADOUT	12/03/24	Gross Alpha/Beta	Gross Beta	1.814E-015	1.307E-014	2.318E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278420	SLAPS LOADOUT	12/03/24	Gross Alpha/Beta	Gross Alpha	-9.20E-17	3.417E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278420	SLAPS LOADOUT	12/03/24	Gross Alpha/Beta	Gross Beta	-1.16E-14	1.148E-014	2.318E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278421	SLAPS LOADOUT	12/03/24	Gross Alpha/Beta	Gross Alpha	-1.09E-16	3.417E-015	8.943E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278421	SLAPS LOADOUT	12/03/24	Gross Alpha/Beta	Gross Beta	2.043E-014	1.512E-014	2.318E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278422	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Alpha	-2.46E-15	7.210E-016	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278422	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Beta	-8.15E-16	1.272E-014	2.318E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278423	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Alpha	8.126E-015	7.156E-015	8.990E-015	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278423	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Beta	9.960E-014	2.288E-014	2.346E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278424	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Alpha	3.449E-015	5.341E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278424	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Beta	-9.43E-16	1.283E-014	2.330E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278425	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Alpha	-9.10E-17	3.417E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278425	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Beta	-1.46E-14	1.111E-014	2.318E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278426	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Alpha	-1.28E-15	2.468E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278426	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Beta	-1.73E-15	1.264E-014	2.318E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278427	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Alpha	2.272E-015	4.784E-015	8.931E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278427	SLAPS LOADOUT	12/04/24	Gross Alpha/Beta	Gross Beta	-9.70E-15	1.177E-014	2.326E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278428	SLAPS LOADOUT	12/05/24	Gross Alpha/Beta	Gross Alpha	-2.37E-15	2.515E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278428	SLAPS LOADOUT	12/05/24	Gross Alpha/Beta	Gross Beta	3.885E-015	1.298E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278429	SLAPS LOADOUT	12/05/24	Gross Alpha/Beta	Gross Alpha	2.356E-015	5.357E-015	1.009E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278429	SLAPS LOADOUT	12/05/24	Gross Alpha/Beta	Gross Beta	1.733E-014	1.458E-014	2.277E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278430	SLAPS LOADOUT	12/05/24	Gross Alpha/Beta	Gross Alpha	-1.20E-15	3.449E-015	1.009E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278430	SLAPS LOADOUT	12/05/24	Gross Alpha/Beta	Gross Beta	2.381E-014	1.522E-014	2.269E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA278431	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Alpha	-1.19E-15	3.449E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278431	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Beta	1.190E-014	1.391E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278432	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Alpha	-3.55E-15	8.790E-016	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278432	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Beta	1.225E-014	1.391E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278433	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Alpha	-1.19E-15	3.449E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278433	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Beta	1.041E-014	1.375E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278434	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Alpha	1.186E-015	4.804E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278434	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Beta	-7.06E-15	1.174E-014	2.273E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278435	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Alpha	1.179E-015	4.804E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278435	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Beta	7.084E-015	1.342E-014	2.273E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278436	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Alpha	-2.37E-15	2.515E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278436	SLAPS LOADOUT	12/09/24	Gross Alpha/Beta	Gross Beta	-5.82E-16	1.245E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278437	SLAPS LOADOUT	12/10/24	Gross Alpha/Beta	Gross Alpha	-2.37E-15	2.515E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278437	SLAPS LOADOUT	12/10/24	Gross Alpha/Beta	Gross Beta	5.374E-015	1.315E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278438	SLAPS LOADOUT	12/10/24	Gross Alpha/Beta	Gross Alpha	-2.39E-15	2.515E-015	1.010E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278438	SLAPS LOADOUT	12/10/24	Gross Alpha/Beta	Gross Beta	3.962E-014	1.684E-014	2.269E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278439	SLAPS LOADOUT	12/10/24	Gross Alpha/Beta	Gross Alpha	-1.19E-15	3.449E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA278439	SLAPS LOADOUT	12/10/24	Gross Alpha/Beta	Gross Beta	8.177E-015	1.349E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278440	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Alpha	-1.20E-15	3.449E-015	1.010E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278440	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Beta	3.647E-014	1.654E-014	2.269E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278441	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Alpha	-1.18E-15	3.449E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278441	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Beta	-1.50E-15	1.237E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278442	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Alpha	-2.37E-15	2.515E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278442	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Beta	1.207E-014	1.391E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278443	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Alpha	-1.18E-15	3.449E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278443	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Beta	-8.95E-15	1.145E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278444	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Alpha	0.00E+00	4.181E-015	1.008E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278444	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Beta	5.580E-016	1.264E-014	2.269E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278445	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Alpha	5.406E-015	5.836E-015	7.944E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278445	SLAPS LOADOUT	12/11/24	Gross Alpha/Beta	Gross Beta	2.501E-014	1.508E-014	2.212E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA278446	SLAPS LOADOUT	12/12/24	Gross Alpha/Beta	Gross Alpha	-3.45E-16	4.857E-015	1.148E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278446	SLAPS LOADOUT	12/12/24	Gross Alpha/Beta	Gross Beta	-1.70E-15	1.324E-014	2.422E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278447	SLAPS LOADOUT	12/12/24	Gross Alpha/Beta	Gross Alpha	7.968E-015	7.967E-015	1.148E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278447	SLAPS LOADOUT	12/12/24	Gross Alpha/Beta	Gross Beta	2.473E-015	1.390E-014	2.450E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278448	SLAPS LOADOUT	12/12/24	Gross Alpha/Beta	Gross Alpha	8.200E-016	5.408E-015	1.150E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278448	SLAPS LOADOUT	12/12/24	Gross Alpha/Beta	Gross Beta	3.550E-014	1.729E-014	2.425E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278449	SLAPS LOADOUT	12/16/24	Gross Alpha/Beta	Gross Alpha	-3.44E-16	4.857E-015	1.148E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278449	SLAPS LOADOUT	12/16/24	Gross Alpha/Beta	Gross Beta	-3.26E-15	1.305E-014	2.422E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278450	SLAPS LOADOUT	12/16/24	Gross Alpha/Beta	Gross Alpha	5.592E-015	7.211E-015	1.148E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278450	SLAPS LOADOUT	12/16/24	Gross Alpha/Beta	Gross Beta	2.060E-015	1.380E-014	2.442E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278451	SLAPS LOADOUT	12/16/24	Gross Alpha/Beta	Gross Alpha	7.955E-015	7.967E-015	1.149E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278451	SLAPS LOADOUT	12/16/24	Gross Alpha/Beta	Gross Beta	2.272E-014	1.610E-014	2.450E-014	µCi/mL	UJ	T04, T05	SLAPS Loadout (General Area)-Perimeter Air
SLA278452	SLAPS LOADOUT	12/17/24	Gross Alpha/Beta	Gross Alpha	-1.54E-15	4.238E-015	1.148E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278452	SLAPS LOADOUT	12/17/24	Gross Alpha/Beta	Gross Beta	3.157E-015	1.377E-014	2.422E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278453	SLAPS LOADOUT	12/17/24	Gross Alpha/Beta	Gross Alpha	-1.53E-15	4.238E-015	1.148E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278453	SLAPS LOADOUT	12/17/24	Gross Alpha/Beta	Gross Beta	4.100E-017	1.341E-014	2.422E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278454	SLAPS LOADOUT	12/17/24	Gross Alpha/Beta	Gross Alpha	2.012E-015	5.908E-015	1.149E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278454	SLAPS LOADOUT	12/17/24	Gross Alpha/Beta	Gross Beta	2.909E-014	1.665E-014	2.429E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA278455	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Alpha	-2.73E-15	3.513E-015	1.148E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278455	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Beta	7.234E-015	1.421E-014	2.422E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278456	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Alpha	-5.10E-15	1.077E-015	1.148E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278456	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Beta	2.148E-015	1.358E-014	2.422E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278457	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Alpha	-2.72E-15	3.513E-015	1.148E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278457	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Beta	3.340E-015	1.377E-014	2.422E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278458	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Alpha	-2.72E-15	3.513E-015	1.148E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278458	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Beta	-2.89E-15	1.304E-014	2.422E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278459	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Alpha	-3.80E-16	4.857E-015	1.150E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278459	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Beta	5.516E-014	1.923E-014	2.422E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278460	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Alpha	-2.72E-15	3.513E-015	1.148E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278460	SLAPS LOADOUT	12/18/24	Gross Alpha/Beta	Gross Beta	-2.89E-15	1.304E-014	2.422E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

Table C-4. SLAPS Perimeter Air Data Results for CY 2024 (Continued)

Sample Name	Station Name	Collect Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Sampling Event
SLA278461	SLAPS LOADOUT	12/19/24	Gross Alpha/Beta	Gross Alpha	2.464E-015	4.781E-015	8.697E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278461	SLAPS LOADOUT	12/19/24	Gross Alpha/Beta	Gross Beta	-1.85E-15	1.247E-014	2.288E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278462	SLAPS LOADOUT	12/19/24	Gross Alpha/Beta	Gross Alpha	1.276E-015	4.152E-015	8.703E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278462	SLAPS LOADOUT	12/19/24	Gross Alpha/Beta	Gross Beta	9.489E-015	1.375E-014	2.284E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278463	SLAPS LOADOUT	12/19/24	Gross Alpha/Beta	Gross Alpha	4.806E-015	5.843E-015	8.723E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278463	SLAPS LOADOUT	12/19/24	Gross Alpha/Beta	Gross Beta	4.247E-014	1.729E-014	2.296E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278464	SLAPS LOADOUT	12/23/24	Gross Alpha/Beta	Gross Alpha	1.020E-016	3.411E-015	8.697E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278464	SLAPS LOADOUT	12/23/24	Gross Alpha/Beta	Gross Beta	-6.72E-15	1.183E-014	2.280E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278465	SLAPS LOADOUT	12/23/24	Gross Alpha/Beta	Gross Alpha	1.279E-015	4.152E-015	8.699E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278465	SLAPS LOADOUT	12/23/24	Gross Alpha/Beta	Gross Beta	3.533E-015	1.307E-014	2.284E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278466	SLAPS LOADOUT	12/23/24	Gross Alpha/Beta	Gross Alpha	1.266E-015	4.152E-015	8.715E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278466	SLAPS LOADOUT	12/23/24	Gross Alpha/Beta	Gross Beta	2.884E-014	1.584E-014	2.284E-014	µCi/mL	J	T04, T20	SLAPS Loadout (General Area)-Perimeter Air
SLA278467	SLAPS LOADOUT	12/24/24	Gross Alpha/Beta	Gross Alpha	2.422E-015	4.781E-015	8.745E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278467	SLAPS LOADOUT	12/24/24	Gross Alpha/Beta	Gross Beta	7.855E-014	2.074E-014	2.288E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278468	SLAPS LOADOUT	12/24/24	Gross Alpha/Beta	Gross Alpha	1.000E-016	3.411E-015	8.697E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278468	SLAPS LOADOUT	12/24/24	Gross Alpha/Beta	Gross Beta	-2.25E-15	1.237E-014	2.280E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278469	SLAPS LOADOUT	12/24/24	Gross Alpha/Beta	Gross Alpha	1.283E-015	4.152E-015	8.697E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278469	SLAPS LOADOUT	12/24/24	Gross Alpha/Beta	Gross Beta	-3.17E-15	1.228E-014	2.284E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278470	SLAPS LOADOUT	12/26/24	Gross Alpha/Beta	Gross Alpha	-1.08E-15	2.459E-015	8.697E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278470	SLAPS LOADOUT	12/26/24	Gross Alpha/Beta	Gross Beta	-3.56E-15	1.218E-014	2.279E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278471	SLAPS LOADOUT	12/26/24	Gross Alpha/Beta	Gross Alpha	2.463E-015	4.781E-015	8.697E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278471	SLAPS LOADOUT	12/26/24	Gross Alpha/Beta	Gross Beta	1.126E-015	1.282E-014	2.288E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278472	SLAPS LOADOUT	12/26/24	Gross Alpha/Beta	Gross Alpha	2.441E-015	4.781E-015	8.723E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278472	SLAPS LOADOUT	12/26/24	Gross Alpha/Beta	Gross Beta	4.281E-014	1.729E-014	2.288E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278473	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Alpha	3.628E-015	5.338E-015	8.718E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278473	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Beta	3.445E-014	1.646E-014	2.292E-014	µCi/mL	=		SLAPS Loadout (General Area)-Perimeter Air
SLA278474	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Alpha	2.468E-015	4.781E-015	8.697E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278474	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Beta	-8.55E-15	1.166E-014	2.288E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278475	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Alpha	-1.08E-15	2.459E-015	8.697E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278475	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Beta	1.600E-016	1.263E-014	2.279E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278476	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Alpha	1.280E-015	4.152E-015	8.698E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278476	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Beta	2.044E-015	1.290E-014	2.284E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278477	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Alpha	-1.08E-15	2.459E-015	8.697E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278477	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Beta	-1.33E-15	1.245E-014	2.279E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278478	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Alpha	9.900E-017	3.411E-015	8.697E-015	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air
SLA278478	SLAPS LOADOUT	12/30/24	Gross Alpha/Beta	Gross Beta	-7.59E-16	1.255E-014	2.280E-014	µCi/mL	UJ	T06	SLAPS Loadout (General Area)-Perimeter Air

VQs:

= - Indicates that the data met all QA/QC requirements, and that the parameter has been positively identified and the associated concentration value is accurate.

J - Indicates that the parameter was positively identified; the associated numerical value is the approximate concentration of the parameter in the sample.

UJ - Indicates that the parameter was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Validation Reason Code:

T04 - Radionuclide Quantitation: Professional judgment was used to qualify the data.

T05 - Analytical result is less than the associated MDA, but greater than the counting uncertainty.

T06 - Radionuclide Quantitation: Analytical result is less than both the associated counting uncertainty and MDA.

T20 - Radionuclide Quantitation: Analytical result is greater than the associated MDA, with uncertainty 50 to 100 percent of the result.

APPENDIX D

STORMWATER, WASTEWATER, AND EXCAVATION WATER DATA

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Table D-1. NPDES Analytical Data for CY 2024

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	SW846 6020	Arsenic	2.20		1.6	µg/L	=	
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	SW846 6020	Cadmium	0.1		0	µg/L	J	E01, E08
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	SW846 6020	Chromium	1.70		1.30	µg/L	J	F01
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	SW846 8082	Aroclor-1016	0.10		0.10	µg/L	U	
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	SW846 8082	Aroclor-1221	0.10		0.10	µg/L	U	
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	SW846 8082	Aroclor-1232	0.10		0.10	µg/L	U	
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	SW846 8082	Aroclor-1242	0.10		0.1	µg/L	U	
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	SW846 8082	Aroclor-1248	0.10		0.1	µg/L	U	
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	SW846 8082	Aroclor-1254	0.08		0.1	µg/L	U	
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	SW846 8082	Aroclor-1260	0.08		0.1	µg/L	U	
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	EPA 1664	Oil and Grease	1.40		1.40	mg/L	U	

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	EPA 1664	TRPH	1.40		1.4	mg/L	U	
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-015	U-234	1.2	0.62	0.5	pCi/L	J	T04, T20
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-015	U-238	0.78	0.49	0.39	pCi/L	J	T04, T20
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-005	Th-228	0.27	0.37	0.67	pCi/L	UJ	T06
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-005	Th-230	0.48	0.46	0.66	pCi/L	UJ	T04, T05
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-005	Th-232	0.05	0.19	0.58	pCi/L	UJ	T06
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-006	Ra-226	0.35	0.42	0.68	pCi/L	UJ	T06
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-015	U-235	0.1	0.3	0.7	pCi/L	UJ	T06
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-003	Ac-227	-0.64	6.91	11.80	pCi/L	UJ	T04, T06
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-003	Pa-231	0.81	26.20	45.10	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-018	Gross Alpha	-3.36	6.35	11.80	pCi/L	UJ	T06
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-018	Gross Beta	-5.98	7.27	13.00	pCi/L	UJ	T06
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	ML-024	pH	7.77		0.10	No Units	J	A03
SVP234143	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/02/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-005	Th-230	1.28	0.679	0.527	pCi/L	J	T04, T20
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-005	Th-228	0.165	0.286	0.607	pCi/L	UJ	T06
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-005	Th-232	0	0.233	0.606	pCi/L	UJ	T06
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-006	Ra-226	0.291	0.296	0.488	pCi/L	UJ	T06
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-015	U-234	0.414	0.395	0.463	pCi/L	UJ	T04, T05
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-015	U-235	0.215	0.374	0.792	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-015	U-238	0.391	0.396	0.555	pCi/L	UJ	T06
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-003	Ac-227	2.5	6.69	11.9	pCi/L	UJ	T04, T06
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-003	Pa-231	2.01	25.3	43.7	pCi/L	UJ	T04, T06
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-018	Gross Alpha	-3.36	6.35	11.8	pCi/L	UJ	T06
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-018	Gross Beta	-3.04	7.41	13	pCi/L	UJ	T06
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	ML-024	pH	7.62		0.1	No Units	J	A03
SVP234144	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/03/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-005	Th-230	0.749	0.556	0.513	pCi/L	J	T04, T20
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-005	Th-228	0.386	0.434	0.71	pCi/L	UJ	T06
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-005	Th-232	-0.0482	0.205	0.616	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-006	Ra-226	0.125	0.28	0.674	pCi/L	UJ	T06
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-015	U-234	0.362	0.356	0.532	pCi/L	UJ	T04, T05
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-015	U-235	0	0.252	0.656	pCi/L	UJ	T06
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-015	U-238	0.198	0.253	0.382	pCi/L	UJ	T06
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-003	Ac-227	-0.15	6.28	10.9	pCi/L	UJ	T04, T06
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-003	Pa-231	-3.57	24.5	41.7	pCi/L	UJ	T04, T06
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-018	Gross Alpha	-0.306	6.63	11.8	pCi/L	UJ	T06
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-018	Gross Beta	-4.6	7.33	13	pCi/L	UJ	T06
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	ML-024	pH	7.52		0.1	No Units	J	A03
SVP234145	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/04/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-005	Th-230	1.17	0.789	0.859	pCi/L	J	T04, T20
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-015	U-234	0.472	0.375	0.372	pCi/L	J	T04, T20
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-015	U-238	0.888	0.512	0.37	pCi/L	J	T04, T20
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-005	Th-228	0.641	0.583	0.744	pCi/L	UJ	T04, T05
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-005	Th-232	-0.0582	0.247	0.744	pCi/L	UJ	T06
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-006	Ra-226	0.224	0.317	0.627	pCi/L	UJ	T06
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-015	U-235	0	0.244	0.635	pCi/L	UJ	T06
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-003	Ac-227	5.05	7.76	14	pCi/L	UJ	T04, T06
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-003	Pa-231	35.7	30.5	55.4	pCi/L	UJ	T04, T05
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-018	Gross Alpha	-5.51	6.15	11.8	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234146	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-018	Gross Beta	-4.41	7.34	13	pCi/L	UJ	T06
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-005	Th-230	1.41	0.692	0.421	pCi/L	=	
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-015	U-234	0.822	0.552	0.605	pCi/L	J	T04, T20
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-015	U-238	0.532	0.44	0.522	pCi/L	J	T04, T20
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-005	Th-228	0.376	0.359	0.42	pCi/L	UJ	T04, T05
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-005	Th-232	0	0.224	0.582	pCi/L	UJ	T06
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-006	Ra-226	0	0.164	0.561	pCi/L	UJ	T06
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-015	U-235	0.076	0.209	0.538	pCi/L	UJ	T06
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-003	Ac-227	4.87	7.48	13.5	pCi/L	UJ	T04, T06
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-003	Pa-231	19.1	29.5	52.5	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-018	Gross Alpha	3.06	6.94	11.8	pCi/L	UJ	T06
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-018	Gross Beta	-1.47	7.49	13	pCi/L	UJ	T06
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	ML-024	pH	7.46		0.1	No Units	J	A03
SVP234147	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/05/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-005	Th-230	0.982	0.71	0.738	pCi/L	J	F01, T04, T20
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-015	U-234	0.615	0.416	0.413	pCi/L	J	T04, T20
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-015	U-238	0.564	0.392	0.342	pCi/L	J	T04, T20
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-005	Th-228	0.75	0.675	1.05	pCi/L	UJ	T04, T05
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-005	Th-232	0	0.326	0.849	pCi/L	UJ	T06
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-006	Ra-226	0.217	0.307	0.609	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-015	U-235	0	0.226	0.587	pCi/L	UJ	T06
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-003	Ac-227	3.45	7.75	13.8	pCi/L	UJ	T04, T06
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-003	Pa-231	6.25	28.9	50.3	pCi/L	UJ	T04, T06
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-018	Gross Alpha	4.53	6.43	10.6	pCi/L	UJ	T06
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-018	Gross Beta	-2.01	7.46	12.9	pCi/L	UJ	T06
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	ML-024	pH	7.36		0.1	No Units	J	A03
SVP234148	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/08/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-015	U-238	0.401	0.318	0.316	pCi/L	J	T04, T20
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-005	Th-228	0.624	0.585	0.957	pCi/L	UJ	T04, T05
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-005	Th-230	0.4	0.45	0.736	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-005	Th-232	0.0748	0.206	0.53	pCi/L	UJ	T06
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-006	Ra-226	0.344	0.337	0.506	pCi/L	UJ	T04, T05
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-015	U-234	0.269	0.272	0.381	pCi/L	UJ	T06
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-015	U-235	0.203	0.259	0.391	pCi/L	UJ	T06
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-003	Ac-227	2.6	7.54	13.3	pCi/L	UJ	T04, T06
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-003	Pa-231	-7.35	29.2	49.1	pCi/L	UJ	T04, T06
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-018	Gross Alpha	-0.566	5.95	10.6	pCi/L	UJ	T06
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-018	Gross Beta	-0.787	7.51	12.9	pCi/L	UJ	T06
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	ML-024	pH	7.68		0.1	No Units	J	A03
SVP234149	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/10/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-005	Th-230	1.45	0.933	0.969	pCi/L	J	F01, T04, T20
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-015	U-234	0.707	0.492	0.429	pCi/L	J	T04, T20
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-015	U-238	0.543	0.431	0.427	pCi/L	J	T04, T20
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-005	Th-228	0.493	0.61	1.12	pCi/L	UJ	T06
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-005	Th-232	0.131	0.372	0.967	pCi/L	UJ	T06
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-006	Ra-226	0.355	0.362	0.532	pCi/L	UJ	T06
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-015	U-235	-0.0249	0.205	0.529	pCi/L	UJ	T06
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-003	Ac-227	3.77	8.45	14.8	pCi/L	UJ	T04, T06
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-003	Pa-231	-7.12	30.8	51.7	pCi/L	UJ	T04, T06
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-018	Gross Alpha	1.13	6.11	10.6	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-018	Gross Beta	-1.31	7.49	12.9	pCi/L	UJ	T06
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	ML-024	pH	7.66		0.1	No Units	J	A03
SVP234150	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/11/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-005	Th-230	1.05	0.616	0.594	pCi/L	J	F01, T04, T20
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-015	U-234	0.631	0.439	0.383	pCi/L	J	T04, T20
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-005	Th-228	0.565	0.461	0.594	pCi/L	UJ	T04, T05
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-005	Th-232	0.161	0.28	0.593	pCi/L	UJ	T06
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-006	Ra-226	0.144	0.322	0.774	pCi/L	UJ	T06
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-015	U-235	0.134	0.26	0.568	pCi/L	UJ	T06
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-015	U-238	-0.0359	0.152	0.459	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-003	Ac-227	12.6	8.96	17	pCi/L	UJ	T04, T05
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-003	Pa-231	24.3	30	54.5	pCi/L	UJ	T04, T06
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-018	Gross Alpha	2.14	6.69	11.5	pCi/L	UJ	T06
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-018	Gross Beta	-2.06	7.06	12.3	pCi/L	UJ	T06
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	ML-024	pH	6.96		0.1	No Units	J	A03
SVP234151	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/24/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-005	Th-230	0.864	0.528	0.53	pCi/L	J	F01, T04, T20
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-015	U-234	0.701	0.44	0.449	pCi/L	J	T04, T20
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-015	U-238	0.729	0.437	0.329	pCi/L	J	T04, T20
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-005	Th-228	0.27	0.291	0.382	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-005	Th-232	0.0719	0.203	0.529	pCi/L	UJ	T06
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-006	Ra-226	-8.4E-08	0.172	0.592	pCi/L	UJ	T06
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-015	U-235	0.134	0.221	0.408	pCi/L	UJ	T06
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-003	Ac-227	-1.79	6.54	11	pCi/L	UJ	T04, T06
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-003	Pa-231	5.65	25.8	44.5	pCi/L	UJ	T04, T06
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-018	Gross Alpha	-0.306	2.29	4.72	pCi/L	UJ	T06
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-018	Gross Beta	2.25	8.7	14.7	pCi/L	UJ	T06
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	ML-024	pH	7.71		0.1	No Units	J	A03
SVP234152	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/30/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-015	U-238	0.761	0.606	0.599	pCi/L	J	T04, T20

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-005	Th-228	0.211	0.269	0.407	pCi/L	UJ	T06
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-005	Th-230	0.345	0.35	0.49	pCi/L	UJ	T06
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-005	Th-232	0.0575	0.158	0.407	pCi/L	UJ	T06
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-006	Ra-226	0.376	0.342	0.461	pCi/L	UJ	T04, T05
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-015	U-234	0.566	0.559	0.833	pCi/L	UJ	T04, T05
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-015	U-235	-0.0349	0.288	0.742	pCi/L	UJ	T06
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-003	Ac-227	-1.89	6.69	11.3	pCi/L	UJ	T04, T06
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-003	Pa-231	-10.1	25.3	42	pCi/L	UJ	T04, T06
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-018	Gross Alpha	0	2.37	4.72	pCi/L	UJ	T06
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-018	Gross Beta	0.49	8.61	14.7	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	ML-024	pH	7.28		0.1	No Units	J	A03
SVP234153	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	01/31/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-015	U-234	0.918	0.587	0.615	pCi/L	J	T04, T20
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-005	Th-228	0.197	0.28	0.504	pCi/L	UJ	T06
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-005	Th-230	0.395	0.39	0.582	pCi/L	UJ	T04, T05
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-005	Th-232	0.0789	0.223	0.581	pCi/L	UJ	T06
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-006	Ra-226	-0.0372	0.197	0.721	pCi/L	UJ	T06
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-015	U-235	0.0515	0.219	0.658	pCi/L	UJ	T06
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-015	U-238	0.416	0.41	0.612	pCi/L	UJ	T04, T05
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-003	Ac-227	5.7	8.38	15.3	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-003	Pa-231	8.88	31	54	pCi/L	UJ	T04, T06
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-018	Gross Alpha	3.36	3.13	4.72	pCi/L	UJ	T04, T05
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-018	Gross Beta	5	8.83	14.7	pCi/L	UJ	T06
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	ML-024	pH	7.59		0.1	No Units	J	A03
SVP234154	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/01/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-015	U-234	0.691	0.469	0.465	pCi/L	J	T04, T20
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-015	U-238	0.706	0.465	0.385	pCi/L	J	T04, T20
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-005	Th-228	0.273	0.365	0.669	pCi/L	UJ	T06
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-005	Th-230	0.637	0.52	0.67	pCi/L	UJ	T04, T05
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-005	Th-232	0.0227	0.198	0.655	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-006	Ra-226	0.107	0.215	0.482	pCi/L	UJ	T06
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-015	U-235	0.269	0.36	0.661	pCi/L	UJ	T06
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-003	Ac-227	-6.25	6.91	11	pCi/L	UJ	T04, T06
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-003	Pa-231	7.57	24.9	43.3	pCi/L	UJ	T04, T06
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-018	Gross Alpha	-0.918	2.12	4.72	pCi/L	UJ	T06
SVP234155	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-018	Gross Beta	-4.8	8.38	14.7	pCi/L	UJ	T06
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-005	Th-230	0.987	0.556	0.519	pCi/L	J	F01, T04, T20
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-015	U-234	0.693	0.532	0.59	pCi/L	J	T04, T20
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-015	U-238	0.69	0.53	0.587	pCi/L	J	T04, T20
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-005	Th-228	0.334	0.319	0.374	pCi/L	UJ	T04, T05

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-005	Th-232	0	0.199	0.518	pCi/L	UJ	T06
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-006	Ra-226	0.0709	0.201	0.522	pCi/L	UJ	T06
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-015	U-235	-0.0285	0.235	0.605	pCi/L	UJ	T06
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-003	Ac-227	-1.44	6.23	10.6	pCi/L	UJ	T04, T06
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-003	Pa-231	-11.7	25.8	42.8	pCi/L	UJ	T04, T06
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-018	Gross Alpha	1.53	2.74	4.72	pCi/L	UJ	T06
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-018	Gross Beta	5.39	8.85	14.7	pCi/L	UJ	T06
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	ML-024	pH	7.3		0.1	No Units	J	A03
SVP234156	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/02/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	SW846 6020	Arsenic	2.2		1.6	µg/L	=	

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	SW846 6020	Cadmium	0.06		0.06	µg/L	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	SW846 6020	Chromium	1.3		1.3	µg/L	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	SW846 8082	Aroclor-1016	0.1		0.1	µg/L	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	SW846 8082	Aroclor-1221	0.1		0.1	µg/L	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	SW846 8082	Aroclor-1232	0.1		0.1	µg/L	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	SW846 8082	Aroclor-1242	0.1		0.1	µg/L	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	SW846 8082	Aroclor-1248	0.1		0.1	µg/L	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	SW846 8082	Aroclor-1254	0.078		0.078	µg/L	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	SW846 8082	Aroclor-1260	0.078		0.078	µg/L	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	EPA 1664	Oil and Grease	1.8		1.4	mg/L	=	

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	EPA 1664	TRPH	1.4		1.4	mg/L	U	
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-005	Th-230	0.743	0.428	0.309	pCi/L	J	F01, T04, T20
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-006	Ra-226	0.534	0.41	0.48	pCi/L	J	T04, T20
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-015	U-234	0.951	0.64	0.7	pCi/L	J	T04, T20
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-005	Th-228	0.218	0.269	0.496	pCi/L	UJ	T06
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-005	Th-232	0.16	0.204	0.309	pCi/L	UJ	T06
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-015	U-235	0	0.332	0.864	pCi/L	UJ	T06
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-015	U-238	0.474	0.467	0.697	pCi/L	UJ	T04, T05
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-003	Ac-227	3.74	6.86	12.1	pCi/L	UJ	T04, T06
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-003	Pa-231	-15.7	24.7	40.5	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-018	Gross Alpha	-0.283	2.89	5.6	pCi/L	UJ	T06
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-018	Gross Beta	-3.06	8.62	14.9	pCi/L	UJ	T06
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	ML-024	pH	8.16		0.1	No Units	J	A03
SVP234157	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/05/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-005	Th-228	0.712	0.438	0.396	pCi/L	J	T04, T20
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-005	Th-230	0.868	0.489	0.456	pCi/L	J	F01, T04, T20
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-015	U-234	0.714	0.497	0.433	pCi/L	J	T04, T20
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-015	U-238	0.528	0.437	0.519	pCi/L	J	T04, T20
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-005	Th-232	0.0619	0.175	0.456	pCi/L	UJ	T06
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-006	Ra-226	0.0333	0.221	0.645	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-015	U-235	0	0.285	0.74	pCi/L	UJ	T06
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-003	Ac-227	-2.34	6.71	11.3	pCi/L	UJ	T04, T06
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-003	Pa-231	6.61	24.8	43.1	pCi/L	UJ	T04, T06
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-018	Gross Alpha	-0.566	2.83	5.6	pCi/L	UJ	T06
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-018	Gross Beta	-5.86	8.52	14.9	pCi/L	UJ	T06
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	ML-024	pH	8.02		0.1	No Units	J	A03
SVP234158	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/06/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-005	Th-230	1.14	0.565	0.466	pCi/L	J	F01
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-015	U-238	0.661	0.49	0.453	pCi/L	J	T04, T20
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-005	Th-228	0.522	0.412	0.606	pCi/L	UJ	T04, T05

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-005	Th-232	-0.0158	0.13	0.336	pCi/L	UJ	T06
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-006	Ra-226	0.446	0.37	0.463	pCi/L	UJ	T04, T05
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-015	U-234	0.407	0.388	0.455	pCi/L	UJ	T04, T05
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-015	U-235	-0.0264	0.218	0.561	pCi/L	UJ	T06
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-003	Ac-227	3.53	6.69	11.9	pCi/L	UJ	T04, T06
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-003	Pa-231	4.55	25.6	44.1	pCi/L	UJ	T04, T06
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-018	Gross Alpha	0	2.94	5.6	pCi/L	UJ	T06
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-018	Gross Beta	-4.63	8.56	14.9	pCi/L	UJ	T06
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	ML-024	pH	8.06		0.1	No Units	J	A03
SVP234159	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/07/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-005	Th-228	0.722	0.466	0.519	pCi/L	J	T04, T20
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-005	Th-230	0.921	0.519	0.484	pCi/L	J	F01, T04, T20
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-015	U-234	1.36	0.757	0.524	pCi/L	J	T04, T20
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-015	U-238	0.86	0.6	0.522	pCi/L	J	T04, T20
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-005	Th-232	0.23	0.268	0.419	pCi/L	UJ	T06
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-006	Ra-226	-0.0332	0.239	0.777	pCi/L	UJ	T06
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-015	U-235	0	0.344	0.896	pCi/L	UJ	T06
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-003	Ac-227	-1.89	6.24	10.5	pCi/L	UJ	T04, T06
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-003	Pa-231	-4.48	26.2	44.4	pCi/L	UJ	T04, T06
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-018	Gross Alpha	0.849	3.1	5.6	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-018	Gross Beta	-4.81	8.56	14.9	pCi/L	UJ	T06
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	ML-024	pH	7.83		0.1	No Units	J	A03
SVP234160	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/08/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-005	Th-230	1.34	0.625	0.36	pCi/L	J	F01
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-005	Th-232	0.457	0.364	0.36	pCi/L	J	T04, T20
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-015	U-234	0.973	0.599	0.541	pCi/L	J	T04, T20
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-005	Th-228	0.593	0.466	0.713	pCi/L	UJ	T04, T05
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-006	Ra-226	0.402	0.366	0.492	pCi/L	UJ	T04, T05
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-015	U-235	0.0783	0.215	0.554	pCi/L	UJ	T06
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-015	U-238	0.527	0.456	0.608	pCi/L	UJ	T04, T05

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-003	Ac-227	-0.805	8.69	15	pCi/L	UJ	T04, T06
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-003	Pa-231	-26.3	31.7	51	pCi/L	UJ	T04, T06
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-018	Gross Alpha	0.283	3	5.6	pCi/L	UJ	T06
SVP234161	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-018	Gross Beta	-3.58	8.6	14.9	pCi/L	UJ	T06
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-005	Th-228	1.44	0.634	0.409	pCi/L	=	
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-005	Th-230	1.99	0.755	0.472	pCi/L	J	F01
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-015	U-234	0.69	0.511	0.473	pCi/L	J	T04, T20
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-005	Th-232	0.288	0.291	0.409	pCi/L	UJ	T06
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-006	Ra-226	0.257	0.262	0.385	pCi/L	UJ	T06
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-015	U-235	0	0.311	0.808	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-015	U-238	0.155	0.255	0.471	pCi/L	UJ	T06
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-003	Ac-227	-1.3	8.67	14.7	pCi/L	UJ	T04, T06
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-003	Pa-231	1.36	29.4	50.7	pCi/L	UJ	T04, T06
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-018	Gross Alpha	0.849	3.1	5.6	pCi/L	UJ	T06
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-018	Gross Beta	0.962	8.78	14.9	pCi/L	UJ	T06
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	ML-024	pH	7.73		0.1	No Units	J	A03
SVP234162	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/09/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-005	Th-230	0.857	0.468	0.378	pCi/L	J	T04, T20
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-015	U-234	0.641	0.409	0.429	pCi/L	J	T04, T20
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-015	U-238	0.581	0.389	0.427	pCi/L	J	T04, T20

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-005	Th-228	0.354	0.346	0.594	pCi/L	UJ	T04, T05
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-005	Th-232	-0.0295	0.125	0.377	pCi/L	UJ	T06
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-006	Ra-226	0.295	0.33	0.542	pCi/L	UJ	T06
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-015	U-235	0.0719	0.204	0.529	pCi/L	UJ	T06
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-003	Ac-227	-5.06	8.41	13.9	pCi/L	UJ	T04, T06
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-003	Pa-231	4.39	31	53.8	pCi/L	UJ	T04, T06
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-018	Gross Alpha	0.612	2.29	4.31	pCi/L	UJ	T06
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-018	Gross Beta	12	9	14.4	pCi/L	UJ	T04, T05
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	ML-024	pH	8.03		0.1	No Units	J	A03
SVP234163	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/12/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-005	Th-230	1.04	0.534	0.403	pCi/L	J	T04, T20
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-015	U-234	0.826	0.476	0.449	pCi/L	J	T04, T20
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-005	Th-228	0.442	0.392	0.635	pCi/L	UJ	T04, T05
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-005	Th-232	0.0631	0.178	0.464	pCi/L	UJ	T06
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-006	Ra-226	0.109	0.218	0.49	pCi/L	UJ	T06
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-015	U-235	0.115	0.224	0.491	pCi/L	UJ	T06
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-015	U-238	0.434	0.359	0.491	pCi/L	UJ	T04, T05
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-003	Ac-227	11.3	14.4	28.7	pCi/L	UJ	T04, T06
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-003	Pa-231	-36.3	59.5	98.7	pCi/L	UJ	T04, T06
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-018	Gross Alpha	1.84	2.6	4.31	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-018	Gross Beta	1.76	8.49	14.4	pCi/L	UJ	T06
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	ML-024	pH	8.05		0.1	No Units	J	A03
SVP234164	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/13/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-005	Th-228	0.66	0.459	0.617	pCi/L	J	T04, T20
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-005	Th-230	0.741	0.456	0.412	pCi/L	J	T04, T20
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-005	Th-232	-0.0643	0.144	0.509	pCi/L	UJ	T06
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-006	Ra-226	0.501	0.415	0.519	pCi/L	UJ	T04, T05
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-015	U-234	0.369	0.328	0.453	pCi/L	UJ	T04, T05
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-015	U-235	-0.038	0.161	0.485	pCi/L	UJ	T06
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-015	U-238	0.291	0.277	0.325	pCi/L	UJ	T04, T05

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-003	Ac-227	0.283	8.01	13.9	pCi/L	UJ	T04, T06
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-003	Pa-231	-6.58	31.6	53.4	pCi/L	UJ	T04, T06
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-018	Gross Alpha	0.612	2.29	4.31	pCi/L	UJ	T06
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-018	Gross Beta	-0.588	8.38	14.4	pCi/L	UJ	T06
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	ML-024	pH	8.06		0.1	No Units	J	A03
SVP234165	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/14/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-005	Th-230	0.691	0.415	0.312	pCi/L	J	T04, T20
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-015	U-234	0.812	0.459	0.384	pCi/L	J	T04, T20
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-015	U-238	0.764	0.439	0.318	pCi/L	J	T04, T20
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-005	Th-228	0.294	0.295	0.465	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-005	Th-232	0.117	0.204	0.432	pCi/L	UJ	T06
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-006	Ra-226	0.253	0.298	0.487	pCi/L	UJ	T06
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-015	U-235	0.0556	0.153	0.394	pCi/L	UJ	T06
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-003	Ac-227	-5.08	8	12.8	pCi/L	UJ	T04, T06
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-003	Pa-231	-15.9	31.1	50.2	pCi/L	UJ	T04, T06
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-018	Gross Alpha	3.06	2.88	4.31	pCi/L	UJ	T04, T05
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-018	Gross Beta	4.9	8.64	14.4	pCi/L	UJ	T06
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	ML-024	pH	8.11		0.1	No Units	J	A03
SVP234166	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/15/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-015	U-234	0.678	0.459	0.456	pCi/L	J	T04, T20

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-005	Th-228	0.246	0.283	0.486	pCi/L	UJ	T06
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-005	Th-230	0.308	0.303	0.453	pCi/L	UJ	T04, T05
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-005	Th-232	0.0461	0.127	0.326	pCi/L	UJ	T06
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-006	Ra-226	0.142	0.317	0.762	pCi/L	UJ	T06
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-015	U-235	-0.022	0.181	0.467	pCi/L	UJ	T06
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-015	U-238	0.391	0.354	0.454	pCi/L	UJ	T04, T05
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-003	Ac-227	-3.47	7.78	13	pCi/L	UJ	T04, T06
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-003	Pa-231	5.22	30.5	52.7	pCi/L	UJ	T04, T06
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-018	Gross Alpha	2.45	2.74	4.31	pCi/L	UJ	T06
SVP234167	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-018	Gross Beta	6.47	8.72	14.4	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-005	Th-230	0.68	0.434	0.455	pCi/L	J	T04, T20
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-015	U-234	0.821	0.479	0.465	pCi/L	J	T04, T20
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-015	U-238	0.754	0.459	0.463	pCi/L	J	T04, T20
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-005	Th-228	0	0	0.573	pCi/L	U	
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-005	Th-232	0	0.174	0.454	pCi/L	UJ	T06
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-006	Ra-226	0.354	0.361	0.595	pCi/L	UJ	T06
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-015	U-235	0.234	0.312	0.573	pCi/L	UJ	T06
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-003	Ac-227	5.16	7.79	14	pCi/L	UJ	T04, T06
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-003	Pa-231	-22.7	30.7	49.9	pCi/L	UJ	T04, T06
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-018	Gross Alpha	3.06	2.88	4.31	pCi/L	UJ	T04, T05

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-018	Gross Beta	3.33	8.57	14.4	pCi/L	UJ	T06
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	ML-024	pH	8.27		0.1	No Units	J	A03
SVP234168	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/16/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-015	U-238	0.772	0.519	0.569	pCi/L	J	T04, T20
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-005	Th-228	0.885	0.791	1.09	pCi/L	UJ	T04, T05
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-005	Th-230	0.702	0.672	0.784	pCi/L	UJ	T04, T05
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-005	Th-232	-0.0737	0.313	0.942	pCi/L	UJ	T06
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-006	Ra-226	0.162	0.283	0.629	pCi/L	UJ	T06
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-015	U-234	0.0582	0.16	0.412	pCi/L	UJ	T06
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-015	U-235	0.0957	0.271	0.704	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-003	Ac-227	-3.45	6.91	11.5	pCi/L	UJ	T04, T06
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-003	Pa-231	-18.2	26.4	43.1	pCi/L	UJ	T04, T06
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-018	Gross Alpha	-1.81	2.34	5.36	pCi/L	UJ	T06
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-018	Gross Beta	3.16	8.55	14.3	pCi/L	UJ	T06
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	ML-024	pH	8.14		0.1	No Units	J	A03
SVP234169	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/19/24	EPA 160.5	SS	0.1		0.1	mL/L/hour	U	
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-005	Th-228	0.413	0.554	1.01	pCi/L	UJ	T06
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-005	Th-230	0.827	0.739	1.01	pCi/L	UJ	T04, T05
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-005	Th-232	0.0688	0.292	0.879	pCi/L	UJ	T06
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-006	Ra-226	0.227	0.321	0.635	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-015	U-234	0.391	0.373	0.437	pCi/L	UJ	T04, T05
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-015	U-235	0.0762	0.21	0.539	pCi/L	UJ	T06
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-015	U-238	0.205	0.291	0.523	pCi/L	UJ	T06
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-003	Ac-227	1.57	6.43	11.3	pCi/L	UJ	T04, T06
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-003	Pa-231	-1.77	23.8	40.7	pCi/L	UJ	T04, T06
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-018	Gross Alpha	-0.301	2.69	5.36	pCi/L	UJ	T06
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-018	Gross Beta	2.11	8.5	14.3	pCi/L	UJ	T06
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	ML-024	pH	7.69		0.1	No Units	J	A03
SVP234170	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/20/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-005	Th-230	1.6	0.914	0.756	pCi/L	J	F01, T04, T20

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-015	U-234	0.863	0.58	0.635	pCi/L	J	T04, T20
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-015	U-238	0.752	0.524	0.456	pCi/L	J	T04, T20
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-005	Th-228	0.443	0.608	1.24	pCi/L	UJ	T06
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-005	Th-232	0.118	0.335	0.87	pCi/L	UJ	T06
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-006	Ra-226	0.407	0.372	0.571	pCi/L	UJ	T04, T05
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-015	U-235	0.0798	0.22	0.565	pCi/L	UJ	T06
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-003	Ac-227	7.31	8.15	14.7	pCi/L	UJ	T04, T06
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-003	Pa-231	6.76	29.6	51.1	pCi/L	UJ	T04, T06
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-018	Gross Alpha	0.301	2.83	5.36	pCi/L	UJ	T06
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-018	Gross Beta	1.4	8.47	14.3	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	ML-024	pH	7.76		0.1	No Units	J	A03
SVP234171	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/21/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-015	U-234	1.09	0.658	0.494	pCi/L	J	T04, T20
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-005	Th-228	0.233	0.559	1.36	pCi/L	UJ	T06
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-005	Th-230	0.641	0.583	0.744	pCi/L	UJ	T04, T05
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-005	Th-232	0.0873	0.24	0.618	pCi/L	UJ	T06
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-006	Ra-226	0.592	0.491	0.796	pCi/L	UJ	T04, T05
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-015	U-235	0	0.325	0.844	pCi/L	UJ	T06
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-015	U-238	0.347	0.375	0.492	pCi/L	UJ	T06
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-003	Ac-227	0.416	6.97	12	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-003	Pa-231	6.66	25.9	45	pCi/L	UJ	T04, T06
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-018	Gross Alpha	-0.903	2.56	5.36	pCi/L	UJ	T06
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-018	Gross Beta	3.16	8.55	14.3	pCi/L	UJ	T06
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	ML-024	pH	7.48		0.1	No Units	J	A03
SVP234172	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/22/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-015	U-234	0.667	0.505	0.613	pCi/L	J	T04, T20
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-015	U-238	0.477	0.412	0.441	pCi/L	J	T04, T20
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-005	Th-228	0.546	0.63	1.08	pCi/L	UJ	T06
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-005	Th-230	0.615	0.625	0.873	pCi/L	UJ	T06
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-005	Th-232	0.136	0.386	1	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-006	Ra-226	0.31	0.304	0.457	pCi/L	UJ	T04, T05
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-015	U-235	0.103	0.291	0.757	pCi/L	UJ	T06
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-003	Ac-227	-0.736	6.78	11.4	pCi/L	UJ	T04, T06
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-003	Pa-231	8.9	25.8	44.8	pCi/L	UJ	T04, T06
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-018	Gross Alpha	-0.903	2.56	5.36	pCi/L	UJ	T06
SVP234173	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-018	Gross Beta	8.07	8.77	14.3	pCi/L	UJ	T06
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-005	Th-230	0.941	0.818	0.869	pCi/L	J	F01, T04, T20
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-015	U-238	0.898	0.64	0.735	pCi/L	J	T04, T20
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-005	Th-228	0.368	0.691	1.57	pCi/L	UJ	T06
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-005	Th-232	-0.0408	0.337	0.867	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-006	Ra-226	-0.131	0.207	0.821	pCi/L	UJ	T06
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-015	U-234	0.501	0.495	0.738	pCi/L	UJ	T04, T05
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-015	U-235	0.124	0.35	0.91	pCi/L	UJ	T06
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-003	Ac-227	-2.75	6.68	11.1	pCi/L	UJ	T04, T06
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-003	Pa-231	-3.69	25.6	43.4	pCi/L	UJ	T04, T06
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-018	Gross Alpha	1.2	3.01	5.36	pCi/L	UJ	T06
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-018	Gross Beta	7.2	8.73	14.3	pCi/L	UJ	T06
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	ML-024	pH	7.66		0.1	No Units	J	A03
SVP234174	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/23/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-015	U-234	0.815	0.619	0.75	pCi/L	J	T04, T20

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-015	U-238	0.66	0.547	0.648	pCi/L	J	T04, T20
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-005	Th-228	0.212	0.463	1.08	pCi/L	UJ	T06
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-005	Th-230	0.795	0.788	1.17	pCi/L	UJ	T04, T05
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-005	Th-232	0.159	0.45	1.17	pCi/L	UJ	T06
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-006	Ra-226	-0.0969	0.25	0.864	pCi/L	UJ	T06
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-015	U-235	0.503	0.565	0.925	pCi/L	UJ	T06
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-003	Ac-227	2.61	8.76	15.5	pCi/L	UJ	T04, T06
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-003	Pa-231	-2.25	31.7	54	pCi/L	UJ	T04, T06
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-018	Gross Alpha	-1.45	2.43	5.31	pCi/L	UJ	T06
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-018	Gross Beta	3.27	8.96	15	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	ML-024	pH	7.59		0.1	No Units	J	A03
SVP234175	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/26/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-005	Th-230	1.32	0.937	0.855	pCi/L	J	F01, T04, T20
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-015	U-234	0.714	0.484	0.565	pCi/L	J	T04, T20
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-015	U-238	0.64	0.454	0.523	pCi/L	J	T04, T20
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-005	Th-228	0.431	0.534	0.725	pCi/L	UJ	T06
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-005	Th-232	0.152	0.431	1.12	pCi/L	UJ	T06
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-006	Ra-226	0.313	0.319	0.468	pCi/L	UJ	T06
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-015	U-235	0.0881	0.249	0.648	pCi/L	UJ	T06
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-003	Ac-227	-4.1	8.39	13.9	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-003	Pa-231	-1.8	30.5	52.2	pCi/L	UJ	T04, T06
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-018	Gross Alpha	-1.16	2.5	5.31	pCi/L	UJ	T06
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-018	Gross Beta	1.03	8.86	15	pCi/L	UJ	T06
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	ML-024	pH	7.57		0.1	No Units	J	A03
SVP234176	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/27/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-005	Th-228	1.73	1.38	1.61	pCi/L	J	T04, T20
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-015	U-234	0.814	0.496	0.499	pCi/L	J	T04, T20
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-005	Th-230	1.1	1.2	2.01	pCi/L	UJ	T06
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-005	Th-232	-0.0393	0.479	1.12	pCi/L	UJ	T06
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-006	Ra-226	0.233	0.311	0.488	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-015	U-235	0.167	0.29	0.616	pCi/L	UJ	T06
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-015	U-238	0.253	0.273	0.359	pCi/L	UJ	T06
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-003	Ac-227	4.45	7.69	14.1	pCi/L	UJ	T04, T06
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-003	Pa-231	-11.6	30.3	50	pCi/L	UJ	T04, T06
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-018	Gross Alpha	1.16	2.99	5.31	pCi/L	UJ	T06
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-018	Gross Beta	7.56	9.15	15	pCi/L	UJ	T06
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	ML-024	pH	7.75		0.1	No Units	J	A03
SVP234177	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/28/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-005	Th-228	1.81	1.17	1.21	pCi/L	J	T04, T20
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-015	U-234	0.572	0.455	0.45	pCi/L	J	T04, T20

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-015	U-238	0.928	0.593	0.621	pCi/L	J	T04, T20
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-005	Th-230	0.275	0.474	0.924	pCi/L	UJ	T06
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-005	Th-232	0.164	0.466	1.21	pCi/L	UJ	T06
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-006	Ra-226	0.106	0.213	0.415	pCi/L	UJ	T06
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-015	U-235	0.183	0.301	0.555	pCi/L	UJ	T06
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-003	Ac-227	6.06	8.35	15.2	pCi/L	UJ	T04, T06
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-003	Pa-231	-6.8	30.9	52.2	pCi/L	UJ	T04, T06
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-018	Gross Alpha	1.16	2.99	5.31	pCi/L	UJ	T06
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-018	Gross Beta	10.5	9.29	15	pCi/L	UJ	T04, T05
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	ML-024	pH	6.95		0.1	No Units	J	A03

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234178	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	02/29/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-006	Ra-226	0.508	0.39	0.457	pCi/L	J	T04, T20
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-015	U-234	0.815	0.497	0.5	pCi/L	J	T04, T20
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-015	U-238	0.592	0.412	0.359	pCi/L	J	T04, T20
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-005	Th-228	1.28	1.28	1.89	pCi/L	UJ	T04, T05
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-005	Th-230	0.772	1.04	1.89	pCi/L	UJ	T06
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-005	Th-232	0.214	0.522	1.22	pCi/L	UJ	T06
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-015	U-235	0	0.237	0.617	pCi/L	UJ	T06
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-003	Ac-227	-1.33	6.18	10.5	pCi/L	UJ	T04, T06
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-003	Pa-231	-19.2	22.8	36.8	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-018	Gross Alpha	-1.74	2.36	5.31	pCi/L	UJ	T06
SVP234179	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-018	Gross Beta	5.51	9.06	15	pCi/L	UJ	T06
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-005	Th-230	1.29	1.02	0.901	pCi/L	J	F01, T04, T20
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-015	U-234	0.415	0.343	0.407	pCi/L	J	T04, T20
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-015	U-238	1.08	0.549	0.467	pCi/L	J	T04, T20
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-005	Th-228	0.788	0.866	1.38	pCi/L	UJ	T06
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-005	Th-232	-0.0315	0.383	0.899	pCi/L	UJ	T06
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-006	Ra-226	0.416	0.379	0.51	pCi/L	UJ	T04, T05
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-015	U-235	0	0.176	0.622	pCi/L	UJ	T06
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-003	Ac-227	0.893	6.35	11.1	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-003	Pa-231	-5.06	23.2	39.3	pCi/L	UJ	T04, T06
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-018	Gross Alpha	-0.58	2.63	5.31	pCi/L	UJ	T06
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-018	Gross Beta	7.56	9.15	15	pCi/L	UJ	T06
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	ML-024	pH	7.72		0.1	No Units	J	A03
SVP234180	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/01/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	SW846 6020	Arsenic	3		1.6	µg/L	=	
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	SW846 6020	Cadmium	0.22		0.06	µg/L	J	F01
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	SW846 6020	Chromium	1.3		1.3	µg/L	U	
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	SW846 8082	Aroclor-1016	0.1		0.1	µg/L	U	
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	SW846 8082	Aroclor-1221	0.1		0.1	µg/L	U	

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	SW846 8082	Aroclor-1232	0.1		0.1	µg/L	U	
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	SW846 8082	Aroclor-1242	0.1		0.1	µg/L	U	
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	SW846 8082	Aroclor-1248	0.1		0.1	µg/L	U	
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	SW846 8082	Aroclor-1254	0.078		0.078	µg/L	U	
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	SW846 8082	Aroclor-1260	0.078		0.078	µg/L	U	
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	EPA 1664	Oil and Grease	1.7		1.4	mg/L	=	
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-005	Th-230	0.964	0.607	0.476	pCi/L	J	F01, T04, T20
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-015	U-234	0.671	0.431	0.408	pCi/L	J	T04, T20
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-015	U-238	0.493	0.364	0.338	pCi/L	J	T04, T20
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-005	Th-228	0.246	0.315	0.475	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-005	Th-232	0.157	0.258	0.475	pCi/L	UJ	T06
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-006	Ra-226	0.455	0.415	0.678	pCi/L	UJ	T04, T05
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-015	U-235	0.0394	0.167	0.503	pCi/L	UJ	T06
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-003	Ac-227	3.11	6.67	11.9	pCi/L	UJ	T04, T06
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-003	Pa-231	17.1	24.9	44.4	pCi/L	UJ	T04, T06
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-018	Gross Alpha	0.903	2.66	4.84	pCi/L	UJ	T06
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-018	Gross Beta	-6.58	8.66	15.1	pCi/L	UJ	T06
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	ML-024	pH	7.33		0.1	No Units	J	A03
SVP234181	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/04/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-005	Th-228	0.994	0.608	0.609	pCi/L	J	T04, T20

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-005	Th-230	1.49	0.743	0.61	pCi/L	J	F01
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-015	U-234	0.483	0.4	0.475	pCi/L	J	T04, T20
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-015	U-238	0.499	0.397	0.393	pCi/L	J	T04, T20
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-005	Th-232	0.145	0.238	0.439	pCi/L	UJ	T06
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-006	Ra-226	0.146	0.274	0.615	pCi/L	UJ	T06
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-015	U-235	0.252	0.322	0.487	pCi/L	UJ	T06
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-003	Ac-227	-0.433	6.47	11.1	pCi/L	UJ	T04, T06
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-003	Pa-231	-4.73	24.7	41.5	pCi/L	UJ	T04, T06
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-018	Gross Alpha	0.301	2.52	4.84	pCi/L	UJ	T06
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-018	Gross Beta	-6.58	8.66	15.1	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	ML-024	pH	7.88		0.1	No Units	J	A03
SVP234182	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/05/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-005	Th-228	0.491	0.424	0.453	pCi/L	J	T04, T20
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-005	Th-230	0.769	0.548	0.629	pCi/L	J	F01, T04, T20
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-015	U-234	0.441	0.365	0.434	pCi/L	J	T04, T20
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-005	Th-232	0.0853	0.241	0.628	pCi/L	UJ	T06
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-006	Ra-226	0.0962	0.248	0.621	pCi/L	UJ	T06
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-015	U-235	0.251	0.336	0.617	pCi/L	UJ	T06
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-015	U-238	0.338	0.333	0.498	pCi/L	UJ	T04, T05
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-003	Ac-227	4.59	6.6	11.9	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-003	Pa-231	-2.3	25.3	42.6	pCi/L	UJ	T04, T06
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-018	Gross Alpha	-0.903	2.21	4.84	pCi/L	UJ	T06
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-018	Gross Beta	-1.14	8.87	15.1	pCi/L	UJ	T06
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	ML-024	pH	7.38		0.1	No Units	J	A03
SVP234183	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/06/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-005	Th-230	1.19	0.835	0.722	pCi/L	J	F01, T04, T20
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-005	Th-228	0.679	0.672	1	pCi/L	UJ	T04, T05
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-005	Th-232	0.102	0.28	0.721	pCi/L	UJ	T06
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-006	Ra-226	0.127	0.284	0.684	pCi/L	UJ	T06
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-015	U-234	0.196	0.262	0.481	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-015	U-235	0.121	0.235	0.514	pCi/L	UJ	T06
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-015	U-238	0.455	0.376	0.514	pCi/L	UJ	T04, T05
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-003	Ac-227	1.9	6.87	12.1	pCi/L	UJ	T04, T06
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-003	Pa-231	17.1	26.9	47.9	pCi/L	UJ	T04, T06
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-018	Gross Alpha	1.31	2.61	4.57	pCi/L	UJ	T06
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-018	Gross Beta	5.69	9.44	15.6	pCi/L	UJ	T06
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	ML-024	pH	7.52		0.1	No Units	J	A03
SVP234184	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/12/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-005	Th-228	0.97	0.723	0.665	pCi/L	J	F01, T04, T20
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-005	Th-230	0.878	0.719	0.923	pCi/L	UJ	T04, T05

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-005	Th-232	0	0.354	0.921	pCi/L	UJ	T06
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-006	Ra-226	-4.9E-06	0.301	0.891	pCi/L	UJ	T06
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-015	U-234	0.288	0.324	0.53	pCi/L	UJ	T06
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-015	U-235	-0.0222	0.183	0.472	pCi/L	UJ	T06
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-015	U-238	0.341	0.325	0.381	pCi/L	UJ	T04, T05
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-003	Ac-227	6.78	7.9	14.7	pCi/L	UJ	T04, T06
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-003	Pa-231	13.2	30.7	54.2	pCi/L	UJ	T04, T06
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-018	Gross Alpha	0.435	2.41	4.57	pCi/L	UJ	T06
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-018	Gross Beta	2.15	9.29	15.6	pCi/L	UJ	T06
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	ML-024	pH	7.49		0.1	No Units	J	A03

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP234185	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/13/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-005	Th-230	0.737	0.496	0.543	pCi/L	J	T04, T20
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-015	U-238	0.698	0.486	0.424	pCi/L	J	T04, T20
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-005	Th-228	0.239	0.303	0.531	pCi/L	UJ	T06
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-005	Th-232	0.0368	0.156	0.47	pCi/L	UJ	T06
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-006	Ra-226	0.235	0.277	0.452	pCi/L	UJ	T06
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-015	U-234	0.301	0.325	0.425	pCi/L	UJ	T06
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-015	U-235	-0.0247	0.204	0.525	pCi/L	UJ	T06
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-003	Ac-227	-3.38	7.52	12.6	pCi/L	UJ	T04, T06
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-003	Pa-231	-6.43	29.8	50.1	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-018	Gross Alpha	0.753	2.35	4.35	pCi/L	UJ	T06
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-018	Gross Beta	4.48	8.81	14.7	pCi/L	UJ	T06
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	ML-024	pH	7.54		0.1	No Units	J	A03
SVP274415	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/18/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-005	Th-230	0.673	0.499	0.461	pCi/L	J	T04, T20
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-015	U-238	0.578	0.438	0.532	pCi/L	J	T04, T20
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-005	Th-228	0.347	0.39	0.638	pCi/L	UJ	T06
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-005	Th-232	0.173	0.301	0.638	pCi/L	UJ	T06
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-006	Ra-226	-0.201	0.232	0.944	pCi/L	UJ	T06
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-015	U-234	0.363	0.358	0.534	pCi/L	UJ	T04, T05

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-015	U-235	0	0.253	0.659	pCi/L	UJ	T06
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-003	Ac-227	-9	8.11	12.8	pCi/L	UJ	T04, T06
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-003	Pa-231	19.5	29.9	53	pCi/L	UJ	T04, T06
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-018	Gross Alpha	1.66	2.58	4.35	pCi/L	UJ	T06
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-018	Gross Beta	0.263	8.64	14.7	pCi/L	UJ	T06
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	ML-024	pH	7.17		0.1	No Units	J	A03
SVP274416	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/19/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-005	Th-230	0.941	0.544	0.392	pCi/L	J	T04, T20
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-015	U-234	0.946	0.605	0.633	pCi/L	J	T04, T20
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-015	U-238	0.749	0.522	0.455	pCi/L	J	T04, T20

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-005	Th-228	0.35	0.334	0.391	pCi/L	UJ	T04, T05
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-005	Th-232	0.129	0.212	0.391	pCi/L	UJ	T06
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-006	Ra-226	0.679	0.619	1.01	pCi/L	UJ	T04, T05
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-015	U-235	0	0.3	0.781	pCi/L	UJ	T06
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-003	Ac-227	3.32	7.41	13.1	pCi/L	UJ	T04, T06
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-003	Pa-231	-13	28	46.6	pCi/L	UJ	T04, T06
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-018	Gross Alpha	1.66	2.58	4.35	pCi/L	UJ	T06
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-018	Gross Beta	1.67	8.69	14.7	pCi/L	UJ	T06
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	ML-024	pH	7.68		0.1	No Units	J	A03
SVP274417	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/20/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-005	Th-228	0.488	0.388	0.384	pCi/L	J	T04, T20
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-005	Th-230	1.07	0.574	0.384	pCi/L	J	T04, T20
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-015	U-234	1.02	0.6	0.58	pCi/L	J	T04, T20
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-015	U-238	0.706	0.502	0.578	pCi/L	J	T04, T20
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-005	Th-232	0.145	0.251	0.532	pCi/L	UJ	T06
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-006	Ra-226	0.0903	0.233	0.583	pCi/L	UJ	T06
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-015	U-235	0.0972	0.275	0.716	pCi/L	UJ	T06
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-003	Ac-227	3.43	6.72	12.1	pCi/L	UJ	T04, T06
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-003	Pa-231	-2.3	27.1	46.2	pCi/L	UJ	T04, T06
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-018	Gross Alpha	0.753	2.35	4.35	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274418	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-018	Gross Beta	4.48	8.81	14.7	pCi/L	UJ	T06
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-005	Th-230	0.558	0.445	0.555	pCi/L	J	T04, T20
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-015	U-234	0.729	0.48	0.397	pCi/L	J	T04, T20
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-005	Th-228	0.212	0.27	0.408	pCi/L	UJ	T06
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-005	Th-232	0.135	0.221	0.408	pCi/L	UJ	T06
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-006	Ra-226	0.26	0.305	0.547	pCi/L	UJ	T06
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-015	U-235	0.0922	0.261	0.679	pCi/L	UJ	T06
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-015	U-238	0.186	0.264	0.475	pCi/L	UJ	T06
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-003	Ac-227	1.63	6.63	11.7	pCi/L	UJ	T04, T06
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-003	Pa-231	0.0464	26.4	45.2	pCi/L	UJ	T04, T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-018	Gross Alpha	2.56	2.78	4.35	pCi/L	UJ	T06
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-018	Gross Beta	6.23	8.89	14.7	pCi/L	UJ	T06
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	ML-024	pH	7.81		0.1	No Units	J	A03
SVP274419	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/21/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-005	Th-230	1.24	0.625	0.516	pCi/L	J	F01, T04, T20
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-015	U-234	0.633	0.525	0.622	pCi/L	J	T04, T20
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-005	Th-228	0.232	0.334	0.686	pCi/L	UJ	T06
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-005	Th-232	0	0.202	0.526	pCi/L	UJ	T06
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-006	Ra-226	0	0.333	0.986	pCi/L	UJ	T06
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-015	U-235	0.36	0.482	0.884	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-015	U-238	0.388	0.436	0.714	pCi/L	UJ	T06
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-003	Ac-227	-0.395	7.96	13.5	pCi/L	UJ	T04, T06
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-003	Pa-231	-20.2	28.6	46.7	pCi/L	UJ	T04, T06
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-018	Gross Alpha	-0.452	2.02	4.35	pCi/L	UJ	T06
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-018	Gross Beta	-2.9	8.81	15.1	pCi/L	UJ	T06
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	ML-024	pH	7.57		0.1	No Units	J	A03
SVP274420	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/27/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-005	Th-230	0.826	0.628	0.76	pCi/L	J	F01, T04, T20
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-015	U-234	0.889	0.661	0.609	pCi/L	J	T04, T20
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-005	Th-228	0.645	0.605	0.989	pCi/L	UJ	T04, T05

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-005	Th-232	0.103	0.292	0.759	pCi/L	UJ	T06
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-006	Ra-226	0.0442	0.365	1.04	pCi/L	UJ	T06
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-015	U-235	0.142	0.401	1.04	pCi/L	UJ	T06
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-015	U-238	0.371	0.47	0.824	pCi/L	UJ	T06
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-003	Ac-227	1.92	7.99	13.9	pCi/L	UJ	T04, T06
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-003	Pa-231	-0.106	29.1	49.5	pCi/L	UJ	T04, T06
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-018	Gross Alpha	-0.151	2.11	4.35	pCi/L	UJ	T06
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-018	Gross Beta	-7.28	8.65	15.1	pCi/L	UJ	T06
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	ML-024	pH	7.97		0.1	No Units	J	A03
SVP274421	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/28/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-005	Th-230	2.01	1.01	0.821	pCi/L	J	F01, T04, T20
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-015	U-234	0.478	0.413	0.442	pCi/L	J	T04, T20
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-015	U-238	0.476	0.411	0.44	pCi/L	J	T04, T20
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-005	Th-228	0.919	0.729	1.07	pCi/L	UJ	T04, T05
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-005	Th-232	0.195	0.321	0.591	pCi/L	UJ	T06
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-006	Ra-226	0.0725	0.29	0.78	pCi/L	UJ	T06
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-015	U-235	0.077	0.212	0.545	pCi/L	UJ	T06
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-003	Ac-227	-2.51	7.89	13.3	pCi/L	UJ	T04, T06
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-003	Pa-231	-3.36	28.8	49	pCi/L	UJ	T04, T06
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-018	Gross Alpha	-0.452	2.02	4.35	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-018	Gross Beta	-2.9	8.81	15.1	pCi/L	UJ	T06
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	ML-024	pH	7.8		0.1	No Units	J	A03
SVP274422	Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC)	03/29/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-005	Th-228	0.307	0.331	0.447	pCi/L	UJ	T06
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-005	Th-230	0.434	0.386	0.455	pCi/L	UJ	T04, T05
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-005	Th-232	0.217	0.29	0.454	pCi/L	UJ	T06
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-006	Ra-226	0.358	0.405	0.623	pCi/L	UJ	T06
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-015	U-234	-0.0235	0.193	0.454	pCi/L	UJ	T06
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-015	U-235	0.116	0.328	0.728	pCi/L	UJ	T06
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-015	U-238	0.0467	0.198	0.523	pCi/L	UJ	T06
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-003	Ac-227	5.01	8.32	15.2	pCi/L	UJ	T04, T06
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-003	Pa-231	6.04	29.4	51.8	pCi/L	UJ	T04, T06
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-018	Gross Beta	12.5	7.65	11.9	pCi/L	J	T04, T20
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-018	Gross Alpha	-2.19	6.71	12.2	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	ML-024	pH	7.58		0.1	No Units	J	A04
SVP274423	Un-Named Outfall VP Ballfields	07/04/24	EPA 160.5	SS	0		0.1	mL/L/hour	UJ	A04
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-005	Th-228	0.649	0.48	0.552	pCi/L	J	T04, T20
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-005	Th-230	1.41	0.662	0.442	pCi/L	J	F01
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-005	Th-232	0.28	0.315	0.441	pCi/L	UJ	T06
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-006	Ra-226	0.34	0.333	0.428	pCi/L	UJ	T04, T05
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-015	U-234	0.197	0.252	0.347	pCi/L	UJ	T06
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-015	U-235	0.0663	0.182	0.428	pCi/L	UJ	T06
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-015	U-238	0.214	0.286	0.449	pCi/L	UJ	T06
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-003	Ac-227	1.19	7.65	13.4	pCi/L	UJ	T04, T06
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-003	Pa-231	15	29.5	51.5	pCi/L	UJ	T04, T06
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-018	Gross Alpha	4.22	6.54	10.9	pCi/L	UJ	T06
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-018	Gross Beta	-0.176	7.45	12.7	pCi/L	UJ	T06
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	EPA 160.5	SS	0.2		0.1	mL/L/hour	=	
SVP274424	Un-Named Outfall VP Ballfields	07/16/24	ML-024	pH	7.57		0.1	No Units	J	A03
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-005	Th-228	0.535	0.396	0.334	pCi/L	J	T04, T20

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-005	Th-230	0.898	0.526	0.434	pCi/L	J	F01, T04, T20
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-015	U-234	0.498	0.412	0.429	pCi/L	J	T04, T20
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-005	Th-232	0.138	0.239	0.434	pCi/L	UJ	T06
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-006	Ra-226	0.119	0.237	0.462	pCi/L	UJ	T06
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-015	U-235	0.0709	0.195	0.457	pCi/L	UJ	T06
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-015	U-238	0.305	0.343	0.48	pCi/L	UJ	T06
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-003	Ac-227	-4.65	7.36	12.1	pCi/L	UJ	T04, T06
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-003	Pa-231	3.88	26.2	45.4	pCi/L	UJ	T04, T06
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-018	Gross Alpha	0.157	6.13	10.9	pCi/L	UJ	T06
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-018	Gross Beta	0.968	7.29	12.4	pCi/L	UJ	T06
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	ML-024	pH	7.72		0.1	No Units	J	A03
SVP274425	Un-Named Outfall VP Ballfields	07/29/24	EPA 160.5	SS	0.1		0.1	mL/L/hour	U	
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-005	Th-228	0.582	0.418	0.383	pCi/L	J	F01, T04, T20
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-005	Th-230	1.1	0.577	0.431	pCi/L	J	T04, T20
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-015	U-234	0.345	0.297	0.29	pCi/L	J	T04, T20
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-005	Th-232	0.0513	0.141	0.331	pCi/L	UJ	T06

Table D-1. NPDES Analytical Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-006	Ra-226	0.241	0.285	0.404	pCi/L	UJ	T06
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-015	U-235	0.037	0.157	0.415	pCi/L	UJ	T06
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-015	U-238	0.239	0.268	0.376	pCi/L	UJ	T06
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-003	Ac-227	2.6	7.84	13.8	pCi/L	UJ	T04, T06
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-003	Pa-231	-21.4	29.4	48.3	pCi/L	UJ	T04, T06
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-018	Gross Alpha	1.05	6.59	11.5	pCi/L	UJ	T06
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-018	Gross Beta	4.12	7.99	13.3	pCi/L	UJ	T06
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	ML-024	pH	8.84		0.1	No Units	J	A03
SVP274426	Un-Named Outfall VP Ballfields	09/23/24	EPA 160.5	SS	0		0.1	mL/L/hour	U	

VQs:

= - Indicates that the data met all QA/QC requirements, and that the parameter has been positively identified and the associated concentration value is accurate.

J - Indicates that the parameter was positively identified; the associated numerical value is the approximate concentration of the parameter in the sample.

U - Indicates that the data met all QA/QC requirements, and that the parameter was analyzed for but was not detected above the reported sample quantitation limit.

UJ - Indicates that the parameter was not detected above the reported sample quantitation limit and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. However, the reported quantitation limit is approximate.

Validation Reason Codes:

A03 - Analysis holding times were exceeded.

E01 - Interference check sample recovery was outside the control limits

E08 - Professional judgement was used to qualify the data.

F01 - Blanks: Sample data were qualified as a result of the method blank.

T04 - Radionuclide Quantitation: Professional judgment was used to qualify the data.

T05 - Radionuclide Quantitation: Analytical result is less than the associated MDA, but greater than the counting uncertainty.

T06 - Radionuclide Quantitation: Analytical result is less than both the associated counting uncertainty and MDA.

T20 - Radionuclide Quantitation: Analytical result is greater than the associated MDA, with uncertainty 50 percent to 100 percent of the result.

Table D-2. Rainfall Data for CY 2024
First Quarter

Date	Rainfall (inches)	Outfall	Outfall CWC-386, CWC-387, CWC-388 (Northwest Bank of CWC)	Date	Rainfall (inches)	Outfall	Outfall CWC-386, CWC-387, CWC-388 (Northwest Bank of CWC)	Date	Rainfall (inches)	Outfall	Outfall CWC-386, CWC-387, CWC-388 (Northwest Bank of CWC)
2024	24-Hour Total	002[a]	Un-Named[b,c,d]	2024	24-Hour Total	002[a]	Un-Named[b,c,d]	2024	24-Hour Total	002[a]	Un-Named[b,c,d]
1-Jan				1-Feb			2.10	1-Mar	0.05		2.10
2-Jan			2.10	2-Feb			2.10	2-Mar			
3-Jan			2.10	3-Feb				3-Mar			
4-Jan			2.10	4-Feb				4-Mar			2.10
5-Jan			2.10	5-Feb			2.10	5-Mar			2.10
6-Jan	0.19			6-Feb			2.10	6-Mar			2.10
7-Jan				7-Feb			2.10	7-Mar			
8-Jan			2.10	8-Feb			2.10	8-Mar	0.10		
9-Jan	0.47			9-Feb			2.10	9-Mar	0.26		
10-Jan	0.12		2.10	10-Feb				10-Mar			
11-Jan			2.10	11-Feb				11-Mar			
12-Jan	0.61			12-Feb			2.10	12-Mar			2.10
13-Jan	0.08			13-Feb			2.10	13-Mar			2.10
14-Jan	0.03			14-Feb			2.10	14-Mar			
15-Jan				15-Feb	0.01		2.10	15-Mar	0.66		
16-Jan	0.05			16-Feb			2.10	16-Mar			
17-Jan				17-Feb	0.39			17-Mar			
18-Jan				18-Feb				18-Mar			2.10
19-Jan				19-Feb			2.10	19-Mar			2.10
20-Jan	0.03			20-Feb			2.10	20-Mar			2.10
21-Jan				21-Feb			2.10	21-Mar			2.10
22-Jan	0.08			22-Feb			2.10	22-Mar			
23-Jan	0.84			23-Feb			2.10	23-Mar			
24-Jan	0.51		0.12	24-Feb				24-Mar			
25-Jan	0.01			25-Feb				25-Mar			
26-Jan	0.48			26-Feb			2.10	26-Mar	1.09		
27-Jan	0.01			27-Feb			2.10	27-Mar			2.10
28-Jan	0.24			28-Feb			2.10	28-Mar			2.10
29-Jan				29-Feb			2.10	29-Mar			2.10
30-Jan			2.10					30-Mar			
31-Jan			2.10					31-Mar			
Monthly Total	**3.75**		**19.02**	**Monthly Total**	**0.40**		**44.10**	**Monthly Total**	**2.16**		**27.30**

[a] Per a USACE email dated April 19, 2018, sampling at Outfall 002 has been increased to once per month.

[b] Un-named moving outfall is an outfall sampled during pumping activities or from a rain event producing a measurable flow offsite.

[c] Remediation work at the Un-Named Outfall CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) started on July 24, 2023.

[d] Pumping activities in CWC started on December 8, 2023.

Notes:

Flow measurements for the outfalls are reported in MGD. All blank spaces represent zero flow.

Rainfall data are obtained from the www.wunderground.com site (Weather Underground, Inc. 2024).

Table D-2. Rainfall Data for CY 2024 (Continued)
Second Quarter

Date	Rainfall (inches)	Outfall	Outfall CWC-386, CWC-387, CWC-388 (Northwest Bank of CWC)	Date	Rainfall (inches)	Outfall	Outfall CWC-386, CWC-387, CWC-388 (Northwest Bank of CWC)	Date	Rainfall (inches)	Outfall	Outfall CWC-386, CWC-387, CWC-388 (Northwest Bank of CWC)
2024	24-Hour Total	002[a]	Un-Named[b,c]	2024	24-Hour Total	002[a]	Un-Named[b,c]	2024	24-Hour Total	002[a,d]	Un-Named[b,c]
1-Apr				1-May				1-Jun	0.09		
2-Apr	3.01			2-May				2-Jun	0.02		
3-Apr				3-May	1.07			3-Jun			
4-Apr	0.06			4-May				4-Jun	0.15		
5-Apr				5-May	0.33			5-Jun	0.02		
6-Apr				6-May	0.20			6-Jun	0.09		
7-Apr				7-May	0.27			7-Jun			
8-Apr				8-May				8-Jun	0.21		
9-Apr				9-May	0.16			9-Jun	0.08		
10-Apr				10-May				10-Jun			
11-Apr	1.26			11-May				11-Jun			
12-Apr				12-May				12-Jun			
13-Apr				13-May				13-Jun			
14-Apr				14-May	0.24			14-Jun	0.05		
15-Apr				15-May	0.98			15-Jun			
16-Apr				16-May				16-Jun			
17-Apr				17-May	0.13			17-Jun			
18-Apr				18-May				18-Jun			
19-Apr	0.99			19-May				19-Jun			
20-Apr				20-May				20-Jun			
21-Apr				21-May				21-Jun			
22-Apr				22-May	0.32			22-Jun			
23-Apr				23-May	0.24			23-Jun			
24-Apr	0.44			24-May				24-Jun			
25-Apr				25-May	0.21			25-Jun			
26-Apr				26-May	0.12			26-Jun	0.16		
27-Apr	0.94			27-May	1.62			27-Jun	0.31		
28-Apr				28-May	0.09			28-Jun			
29-Apr	1.46			29-May				29-Jun			
30-Apr				30-May				30-Jun			
				31-May							
Monthly Total	**8.16**			**Monthly Total**	**5.98**			**Monthly Total**	**1.18**		

[a] Per a USACE email dated April 19, 2018, sampling at Outfall 002 has been increased to once per month.

[b] Un-named moving outfall is an outfall sampled during pumping activities or from a rain event producing a measurable flow offsite.

[c] RAs at the Un-Named Outfall CWC-386, CWC-387, CWC-388 (Northwest Bank of CWC) were initiated on July 24, 2023, and were completed on April 1, 2024.

[d] Outfall 002 was removed on June 7, 2024. A new outfall area, referred to as the Un-Named Outfall - VP Ballfields, was created to include James S McDonnell Boulevard and the J.S. McDonnell Bridge and IA-09 (VP Ballfields) collective watershed area.

Notes:

Flow measurements for the outfalls are reported in MGD. All blank spaces represent zero flow.

Rainfall data are obtained from the www.wunderground.com site (Weather Underground, Inc. 2024).

Table D-2. Rainfall Data for CY 2024 (Continued)
Third Quarter

Date	Rainfall (inches)	Outfall - VP Ballfields	Date	Rainfall (inches)	Outfall - VP Ballfields	Date	Rainfall (inches)	Outfall - VP Ballfields
2024	24-Hour Total	Un-Named[a]	2024	24-Hour Total	Un-Named[a]	2024	24-Hour Total	Un-Named[a]
1-Jul			1-Aug	0.02		1-Sep	0.02	
2-Jul			2-Aug	0.24		2-Sep		
3-Jul	0.68		3-Aug			3-Sep		
4-Jul	2.10	0.05	4-Aug			4-Sep		
5-Jul	0.60		5-Aug			5-Sep		
6-Jul			6-Aug			6-Sep		
7-Jul			7-Aug			7-Sep		
8-Jul			8-Aug			8-Sep		
9-Jul	0.24		9-Aug	0.01		9-Sep		
10-Jul	1.97		10-Aug			10-Sep		
11-Jul			11-Aug			11-Sep		
12-Jul			12-Aug			12-Sep		
13-Jul			13-Aug	0.27		13-Sep	0.07	
14-Jul			14-Aug			14-Sep	0.01	
15-Jul			15-Aug	0.07		15-Sep		
16-Jul	0.01		16-Aug	0.45		16-Sep		
17-Jul	1.85		17-Aug			17-Sep		
18-Jul		0.04	18-Aug			18-Sep		
19-Jul			19-Aug			19-Sep		
20-Jul			20-Aug			20-Sep		
21-Jul			21-Aug			21-Sep		
22-Jul			22-Aug			22-Sep	1.52	
23-Jul			23-Aug			23-Sep	0.54	0.10
24-Jul			24-Aug			24-Sep	2.62	
25-Jul			25-Aug			25-Sep	0.10	
26-Jul			26-Aug			26-Sep		
27-Jul			27-Aug			27-Sep	0.12	
28-Jul	0.08		28-Aug	0.30		28-Sep	0.77	
29-Jul		0.01	29-Aug			29-Sep		
30-Jul	0.60		30-Aug			30-Sep		
31-Jul	0.26		31-Aug					
Monthly Total	**8.39**	**0.10**	**Monthly Total**	**1.36**		**Monthly Total**	**5.77**	**0.10**

[a] Un-named moving outfall is an outfall sampled during pumping activities or from a rain event producing a measurable flow offsite.

Notes:

Flow measurements for the outfalls are reported in MGD. All blank spaces represent zero flow.

Rainfall data are obtained from the www.wunderground.com site (Weather Underground, Inc. 2024).

Table D-2. Rainfall Data for CY 2024 (Continued)
Fourth Quarter

Date	Rainfall (inches)	Outfall - VP Ballfields	Date	Rainfall (inches)	Outfall - VP Ballfields	Date	Rainfall (inches)	Outfall - VP Ballfields
2024	24-Hour Total	Un-Named[a]	2024	24-Hour Total	Un-Named[a]	2024	24-Hour Total	Un-Named[a]
1-Oct			1-Nov	0.09		1-Dec	0.24	
2-Oct			2-Nov			2-Dec		
3-Oct			3-Nov			3-Dec	0.03	
4-Oct			4-Nov	1.44		4-Dec		
5-Oct			5-Nov	5.72		5-Dec		
6-Oct			6-Nov	0.92		6-Dec		
7-Oct			7-Nov			7-Dec		
8-Oct			8-Nov			8-Dec		
9-Oct			9-Nov			9-Dec	0.17	
10-Oct			10-Nov	0.67		10-Dec		
11-Oct			11-Nov			11-Dec		
12-Oct			12-Nov			12-Dec		
13-Oct			13-Nov			13-Dec		
14-Oct			14-Nov	0.13		14-Dec		
15-Oct			15-Nov			15-Dec	1.35	
16-Oct			16-Nov			16-Dec	0.04	
17-Oct			17-Nov			17-Dec	0.01	
18-Oct			18-Nov	0.14		18-Dec	0.11	
19-Oct			19-Nov	0.26		19-Dec		
20-Oct			20-Nov			20-Dec		
21-Oct			21-Nov			21-Dec		
22-Oct			22-Nov			22-Dec		
23-Oct			23-Nov			23-Dec		
24-Oct			24-Nov			24-Dec		
25-Oct			25-Nov			25-Dec	0.08	
26-Oct	0.05		26-Nov			26-Dec	0.10	
27-Oct			27-Nov			27-Dec	0.12	
28-Oct			28-Nov	0.17		28-Dec	0.10	
29-Oct			29-Nov			29-Dec	0.23	
30-Oct			30-Nov			30-Dec	0.04	
31-Oct	0.68					31-Dec	0.46	
Monthly Total	**0.73**		**Monthly Total**	**9.54**		**Monthly Total**	**3.08**	

[a] Un-named moving outfall is an outfall sampled during pumping activities or from a rain event producing a measurable flow offsite.

Notes:

Flow measurements for the outfalls are reported in MGD. All blank spaces represent zero flow.

Rainfall data are obtained from the www.wunderground.com site (Weather Underground, Inc. 2024).

Table D-3. Self-Monitoring Report for Excavation Water Discharge During CY 2024 First Quarter

Parameter	Batch Number	Date of Discharge	Batch Results[a]		Amount Discharged (Gallons)	Total Activity per Discharge (Ci)[b]	MSD Discharge Limit		SOR
Gross Alpha (raw water)	SLAPS-388	01/24/24 - 01/31/24 (SLAPS VP Ballfields)	18.3	pCi/L	448,029	3.1E-05	3,000	pCi/L	0.02
Gross Beta			20.5	pCi/L		3.5E-05	NA		
Th-228			<0.65	pCi/L		1.1E-06	2,000	pCi/L	
Th-230			10	pCi/L		1.8E-05	1,000	pCi/L	
Total U (Isotopic U)[c]			11.6	pCi/L		2.0E-05	3,000	pCi/L	
Ra-226[d]			0.8	pCi/L		1.3E-06	10	pCi/L	
Ra-228[e,f]			<0.65	pCi/L		1.1E-06	30	pCi/L	
Barium			[i]	mg/L			10	mg/L	
Lead			[i]	mg/L			0.4	mg/L	
Selenium[g]			[i]	mg/L			0.2	mg/L[g]	
BOD[h]				mg/L			-		
COD[h]				mg/L			-		
Gross Alpha (TSS filtrate)			15.8	pCi/L			-		
TSS			21.6	mg/L			-		
Gross Alpha (raw water)	SLAPS-389	02/01/24 (SLAPS VP Ballfields)	<10.3	pCi/L	93,429	3.6E-06	3,000	pCi/L	0.01
Gross Beta			16.5	pCi/L		5.8E-06	NA		
Th-228			0.5	pCi/L		1.8E-07	2,000	pCi/L	
Th-230			3	pCi/L		1.1E-06	1,000	pCi/L	
Total U (Isotopic U)[c]			8.19	pCi/L		2.9E-06	3,000	pCi/L	
Ra-226[d]			<0.6	pCi/L		2.0E-07	10	pCi/L	
Ra-228[e,f]			0.5	pCi/L		1.8E-07	30	pCi/L	
Barium			[i]	mg/L			10	mg/L	
Lead			[i]	mg/L			0.4	mg/L	
Selenium[g]			[i]	mg/L			0.2	mg/L[g]	
BOD[h]				mg/L			-		
COD[h]				mg/L			-		
Gross Alpha (TSS filtrate)			<10.3	pCi/L			-		
TSS			6.8	mg/L			-		

Table D-3. Self-Monitoring Report for Excavation Water Discharge During CY 2024 First Quarter (Continued)

Parameter	Batch Number	Date of Discharge	Batch Results[a]		Amount Discharged (Gallons)	Total Activity per Discharge (Ci)[b]	MSD Discharge Limit		SOR
Gross Alpha (raw water)	SLAPS-390	02/29/24 (MSD CWC Phase A)	9.3	pCi/L	17,500	6.1E-07	3,000	pCi/L	0.01
Gross Beta			16.2	pCi/L		1.1E-06	NA		
Th-228			<0.7	pCi/L		4.8E-08	2,000	pCi/L	
Th-230			3.4	pCi/L		2.3E-07	1,000	pCi/L	
Total U (Isotopic U)[c]			4.75	pCi/L		3.1E-07	3,000	pCi/L	
Ra-226[d]			0.7	pCi/L		4.5E-08	10	pCi/L	
Ra-228[e,f]			<0.7	pCi/L		4.8E-08	30	pCi/L	
Barium			[i]	mg/L			10	mg/L	
Lead			[i]	mg/L			0.4	mg/L	
Selenium[g]			[i]	mg/L			0.2	mg/L[g]	
BOD[h]				mg/L			-		
COD[h]				mg/L			-		
Gross Alpha (TSS filtrate)			<5.31	pCi/L			-		
TSS			152	mg/L			-		

Total Activity Discharged in First Quarter of CY 2024 (Ci)

Th-228	1.3E-06
Th-230	1.9E-05
Total U (Isotopic U)[c]	2.3E-05
Ra-226	1.6E-06
Ra-228[e]	1.3E-06

Total Activity Discharged through 03/31/24 (Ci)

Th-228	1.3E-06
Th-230	1.9E-05
Total U (Isotopic U)[c]	2.3E-05
Ra-226	1.6E-06
Ra-228[e]	1.3E-06

Total Volume Discharged in First Quarter of CY 2024 (gallons)

Gallons	558,958

Total Volume Discharged through 03/31/24 (gallons)

Gallons	558,958

[a] Non-detect sample results are converted to the DL for total activity.

[b] The weighted average was used to calculate the total activity.

[c] Total U (KPA) is unavailable and sum of isotopic results are being substituted.

[d] 10 *CFR* 20 limit is 600 pCi/L for Ra-226.

[e] Ra-228 assumed to be in equilibrium with Th-228.

[f] 10 *CFR* 20 limit is 600 pCi/L for Ra-228.

[g] The limit for selenium can be a daily total mass of 76 g, with a concentration not to exceed 0.90 mg/L.

[h] MSD surcharges apply for BOD concentration greater than 300 mg/L and COD concentration greater than 600 mg/L.

[i] Analysis for metals is not required per the MSD letter dated May 24, 2012 (MSD 2012).

Notes:

- No data/No limit

BOD - biological oxygen demand

COD - chemical oxygen demand

NA - not applicable

SOR - sum of ratios (unitless)

TSS - total suspended solid(s)

Table D-3. Self-Monitoring Report for Excavation Water Discharge During CY 2024 Second Quarter

Parameter	Batch Number	Date of Discharge	Batch Results[a]		Amount Discharged (Gallons)	Total Activity per Discharge (Ci)[b]	MSD Discharge Limit		SOR
Gross Alpha (raw water)	SLAPS-391[i,j,k]	04/02/24 - 04/30/24 (SLAPS VP Ballfields)	14	pCi/L	1,653,787	8.8E-05	3,000	pCi/L	0.01
Gross Beta			<13.8	pCi/L		8.6E-05	NA		
Th-228			<1	pCi/L		6.1E-06	2,000	pCi/L	
Th-230			5.8	pCi/L		3.6E-05	1,000	pCi/L	
Total U (Isotopic U)[c]			3.4	pCi/L		2.1E-05	3,000	pCi/L	
Ra-226[d]			<0.9	pCi/L		5.3E-06	10	pCi/L	
Ra-228[e,f]			<1	pCi/L		6.1E-06	30	pCi/L	
Barium			[l]	mg/L			10	mg/L	
Lead			[l]	mg/L			0.4	mg/L	
Selenium[g]			[l]	mg/L			0.2	mg/L[g]	
BOD[h]				mg/L			-		
COD[h]				mg/L			-		
Gross Alpha (TSS filtrate)			<11.4	pCi/L			-		
TSS			84.3	mg/L			-		
Gross Alpha (raw water)	SLAPS-392[m,n]	05/02/24 - 05/15/24 (MSD CWC Phase A)	<11.1	pCi/L	460,999	1.9E-05	3,000	pCi/L	0.01
Gross Beta			<13.8	pCi/L		2.4E-05	NA		
Th-228			<1	pCi/L		1.8E-06	2,000	pCi/L	
Th-230			2.0	pCi/L		3.5E-06	1,000	pCi/L	
Total U (Isotopic U)[c]			2.56	pCi/L		4.5E-06	3,000	pCi/L	
Ra-226[d]			<0.9	pCi/L		1.6E-06	10	pCi/L	
Ra-228[e,f]			<1	pCi/L		1.8E-06	30	pCi/L	
Barium			[l]	mg/L			10	mg/L	
Lead			[l]	mg/L			0.4	mg/L	
Selenium[g]			[l]	mg/L			0.2	mg/L[g]	
BOD[h]				mg/L			-		
COD[h]				mg/L			-		
Gross Alpha (TSS filtrate)			<11.1	pCi/L			-		
TSS			9.8	mg/L			-		

Table D-3. Self-Monitoring Report for Excavation Water Discharge During CY 2024 Second Quarter (Continued)

Total Activity Discharged in Second Quarter of CY 2024 (Ci)		Total Activity Discharged through 06/30/24 (Ci)	
Th-228	7.8E-06	**Th-228**	9.2E-06
Th-230	4.0E-05	**Th-230**	5.9E-05
Total U (Isotopic U)[c]	2.6E-05	**Total U (Isotopic U)[c]**	4.9E-05
Ra-226	6.9E-06	**Ra-226**	8.5E-06
Ra-228[e]	7.8E-06	**Ra-228[e]**	9.2E-06

Total Volume Discharged in Second Quarter of CY 2024 (gallons)		Total Volume Discharged through 06/30/24 (gallons)	
Gallons	2,114,786	**Gallons**	2,673,744

[a] Non-detect sample results are converted to the DL for total activity.

[b] The weighted average was used to calculate the total activity.

[c] Total U (KPA) is unavailable and sum of isotopic results are being substituted.

[d] 10 *CFR* 20 limit is 600 pCi/L for Ra-226.

[e] Ra-228 assumed to be in equilibrium with Th-228.

[f] 10 *CFR* 20 limit is 600 pCi/L for Ra-228.

[g] The limit for selenium can be a daily total mass of 76 g, with a concentration not to exceed 0.90 mg/L.

[h] MSD surcharges apply for BOD concentration greater than 300 mg/L and COD concentration greater than 600 mg/L.

[i] Email approval on April 3, 2024, from Steve Grace (MSD) to Dave Evans (USACE) to increase daily discharge to 200,000 gallons.

[j] Email approval on April 5, 2024, from Steve Grace (MSD) to Dave Evans (USACE) to increase daily discharge to 300,000 gallons.

[k] Email approval on April 16, 2024, from Steve Grace (MSD) to Dave Evans (USACE) to continue increased daily discharge of 300,000 gallons through April 30, 2024.

[l] Analysis for metals is not required per the MSD letter dated May 24, 2012 (MSD 2012).

[m] Email approval on May 1, 2024, from Steve Grace (MSD) to Dave Evans (USACE) to continue increased daily discharge of 300,000 gallons.

[n] Email approval on May 23, 2024, from Steve Grace (MSD) to Dave Evans (USACE) to continue increased daily discharge of 300,000 gallons through July 31, 2024.

Notes:

- No data/No limit
BOD - biological oxygen demand
COD - chemical oxygen demand
NA - not applicable
SOR - sum of ratios (unitless)
TSS - total suspended solid(s)

Table D-3. Self-Monitoring Report for Excavation Water Discharge During CY 2024 Third Quarter

Parameter	Batch Number	Date of Discharge	Batch Results[a]		Amount Discharged (Gallons)	Total Activity per Discharge (Ci)[b]	MSD Discharge Limit		SOR
Gross Alpha (raw water)	SLAPS-393[i]	07/08/24 - 07/19/24 (MSD CWC Phase A)	<12.2	pCi/L	786,645	3.6E-05	3,000	pCi/L	0.00
Gross Beta			<13.8	pCi/L		4.1E-05	NA		
Th-228			<0.6	pCi/L		1.9E-06	2,000	pCi/L	
Th-230			2.0	pCi/L		5.8E-06	1,000	pCi/L	
Total U (Isotopic U)[c]			1.9	pCi/L		5.7E-06	3,000	pCi/L	
Ra-226[d]			<0.5	pCi/L		1.6E-06	10	pCi/L	
Ra-228[e,f]			<0.6	pCi/L		1.9E-06	30	pCi/L	
Barium			[j]	mg/L			10	mg/L	
Lead			[j]	mg/L			0.4	mg/L	
Selenium[g]			[j]	mg/L			0.2	mg/L[g]	
BOD[h]				mg/L			-		
COD[h]				mg/L			-		
Gross Alpha (TSS filtrate)			<12.2	pCi/L			-		
TSS			19	mg/L			-		

Table D-3. Self-Monitoring Report for Excavation Water Discharge During CY 2024 Third Quarter (Continued)

Parameter	Batch Number	Date of Discharge	Batch Results[a]		Amount Discharged (Gallons)	Total Activity per Discharge (Ci)[b]	MSD Discharge Limit		SOR
Gross Alpha (raw water)	SLAPS-394	08/01/24 (MSD CWC Phase A)	<10.9	pCi/L	151,102	6.2E-06	3,000	pCi/L	0.00
Gross Beta			<12.4	pCi/L		7.1E-06	NA		
Th-228			<0.4	pCi/L		2.4E-07	2,000	pCi/L	
Th-230			1.3	pCi/L		7.4E-07	1,000	pCi/L	
Total U (Isotopic U)[c]			1.29	pCi/L		7.4E-07	3,000	pCi/L	
Ra-226[d]			<0.4	pCi/L		2.6E-07	10	pCi/L	
Ra-228[e,f]			<0.4	pCi/L		2.4E-07	30	pCi/L	
Barium			[j]	mg/L			10	mg/L	
Lead			[j]	mg/L			0.4	mg/L	
Selenium[g]			[j]	mg/L			0.2	mg/L[g]	
BOD[h]				mg/L			-		
COD[h]				mg/L			-		
Gross Alpha (TSS filtrate)			<10.9	pCi/L			-		
TSS			9.2	mg/L			-		

Total Activity Discharged in Third Quarter of CY 2024 (Ci)	
Th-228	2.1E-06
Th-230	6.6E-06
Total U (Isotopic U)[c]	6.5E-06
Ra-226	1.9E-06
Ra-228[d]	2.1E-06

Total Activity Discharged through 09/30/24 (Ci)	
Th-228	1.1E-05
Th-230	6.5E-05
Total U (Isotopic U)[c]	5.5E-05
Ra-226	1.0E-05
Ra-228[d]	1.1E-05

Total Volume Discharged in Third Quarter of CY 2024 (gallons)	
Gallons	937,747

Total Volume Discharged through 09/30/24 (gallons)	
Gallons	3,611,491

[a] Non-detect sample results are converted to the DL for total activity.

[b] The weighted average was used to calculate the total activity.

[c] Total U (KPA) is unavailable and sum of isotopic results are being substituted.

[d] 10 *CFR* 20 limit is 600 pCi/L for Ra-226.

[e] Ra-228 assumed to be in equilibrium with Th-228.

[f] 10 *CFR* 20 limit is 600 pCi/L for Ra-228.

[g] The limit for selenium can be a daily total mass of 76 g, with a concentration not to exceed 0.90 mg/L.

[h] MSD surcharges apply for BOD concentration greater than 300 mg/L and COD concentration greater than 600 mg/L.

[i] Email approval on May 23, 2024, from Steve Grace (MSD) to Dave Evans (USACE) to continue increased daily discharge of 300,000 gallons through July 31, 2024.

[j] Analysis for metals is not required per the MSD letter dated May 24, 2012 (MSD 2012).

Notes:

- No data/No limit
BOD - biological oxygen demand
COD - chemical oxygen demand
NA - Not applicable
SOR - sum of ratios (unitless)
TSS - total suspended solid(s)

Table D-3. Self-Monitoring Report for Excavation Water Discharge During CY 2024 Fourth Quarter

Parameter	Batch Number	Date of Discharge	Batch Results[a]		Amount Discharged (Gallons)	Total Activity per Discharge (Ci)[b]	MSD Discharge Limit		SOR
Gross Alpha (raw water)	SLAPS-395	10/09/24 (SLAPS VP Ballfields)	<11.5	pCi/L	60,544	2.6E-06	3,000	pCi/L	0.00
Gross Beta			<13.3	pCi/L		3.0E-06	NA		
Th-228			0.8	pCi/L		1.8E-07	2,000	pCi/L	
Th-230			1.1	pCi/L		2.5E-07	1,000	pCi/L	
Total U (Isotopic U)[c]			1.31	pCi/L		3.0E-07	3,000	pCi/L	
Ra-226[d]			<0.4	pCi/L		1.0E-07	10	pCi/L	
Ra-228[e,f]			0.8	pCi/L		1.8E-07	30	pCi/L	
Barium			[i]	mg/L			10	mg/L	
Lead			[i]	mg/L			0.4	mg/L	
Selenium[g]			[i]	mg/L			0.2	mg/L[g]	
BOD[h]				mg/L			-		
COD[h]				mg/L			-		
Gross Alpha (TSS filtrate)			<11.5	pCi/L			-		
TSS			<3.5	mg/L			-		
Gross Alpha (raw water)	SLAPS-396[j]	11/06/24 - 11/20/24 (SLAPS VP Ballfields)	<11.5	pCi/L	1,371,891	6.0E-05	3,000	pCi/L	0.00
Gross Beta			<13.4	pCi/L		7.0E-05	NA		
Th-228			<0.6	pCi/L		2.9E-06	2,000	pCi/L	
Th-230			0.8	pCi/L		4.4E-06	1,000	pCi/L	
Total U (Isotopic U)[c]			2.56	pCi/L		1.3E-05	3,000	pCi/L	
Ra-226[d]			<0.8	pCi/L		4.0E-06	10	pCi/L	
Ra-228[e,f]			<0.6	pCi/L		2.9E-06	30	pCi/L	
Barium			[i]	mg/L			10	mg/L	
Lead			[i]	mg/L			0.4	mg/L	
Selenium[g]			[i]	mg/L			0.2	mg/L[g]	
BOD[h]				mg/L			-		
COD[h]				mg/L			-		
Gross Alpha (TSS filtrate)			<11.5	pCi/L			-		
TSS			14.0	mg/L			-		

Table D-3. Self-Monitoring Report for Excavation Water Discharge During CY 2024 Fourth Quarter (Continued)

Parameter	Batch Number	Date of Discharge	Batch Results[a]		Amount Discharged (Gallons)	Total Activity per Discharge (Ci)[b]	MSD Discharge Limit		SOR
Gross Alpha (raw water)	SLAPS-397[j]	12/23/24 - 12/24/24 (SLAPS VP Ballfields)	<11.5	pCi/L	335,741	1.5E-05	3,000	pCi/L	0.00
Gross Beta			<13.3	pCi/L		1.7E-05	NA		
Th-228			<0.6	pCi/L		7.5E-07	2,000	pCi/L	
Th-230			0.9	pCi/L		1.1E-06	1,000	pCi/L	
Total U (Isotopic U)[c]			3.35	pCi/L		4.3E-06	3,000	pCi/L	
Ra-226[d]			<0.5	pCi/L		6.5E-07	10	pCi/L	
Ra-228[e,f]			<0.6	pCi/L		7.5E-07	30	pCi/L	
Barium			[i]	mg/L			10	mg/L	
Lead			[i]	mg/L			0.4	mg/L	
Selenium[g]			[i]	mg/L			0.2	mg/L[g]	
BOD[h]				mg/L			-		
COD[h]				mg/L			-		
Gross Alpha (TSS filtrate)			<11.5	pCi/L			-		
TSS			30.1	mg/L			-		

Total Activity Discharged in Fourth Quarter of CY 2024 (Ci)		Total Activity Discharged through 12/31/24 (Ci)	
Th-228	3.8E-06	**Th-228**	1.5E-05
Th-230	5.8E-06	**Th-230**	7.1E-05
Total U (Isotopic U)[c]	1.8E-05	**Total U (Isotopic U)[c]**	7.3E-05
Ra-226	4.8E-06	**Ra-226**	1.5E-05
Ra-228[b]	3.8E-06	**Ra-228[b]**	1.5E-05

Total Volume Discharged in Fourth Quarter of CY 2024 (gallons)		Total Volume Discharged through 12/31/24 (gallons)	
Gallons	1,768,176	**Gallons**	5,379,667

[a] Non-detect sample results are converted to half the DL for total activity.

[b] The weighted average was used to calculate the total activity.

[c] Total U (KPA) is unavailable and sum of isotopic results are being substituted.

[d] 10 *CFR* 20 limit is 600 pCi/L for Ra-226.

[e] Ra-228 assumed to be in equilibrium with Th-228.

[f] 10 *CFR* 20 limit is 600 pCi/L for Ra-228.

[g] The limit for selenium can be a daily total mass of 76 g, with a concentration not to exceed 0.90 mg/L.

[h] MSD surcharges apply for BOD concentration greater than 300 mg/L and COD concentration greater than 600 mg/L.

[i] Analysis for metals is not required per the MSD letter dated May 24, 2012 (MSD 2012).

[j] Outfall 002 (PN02) was removed on June 7, 2024. The SLAPS VP Ballfields (IA-09) area also includes James S McDonnell Boulevard and the J.S. McDonnell Bridge collective watershed.

Notes:

- No data/No limit
BOD - biological oxygen demand
COD - chemical oxygen demand
NA - Not applicable
SOR - sum of ratios (unitless)
TSS - total suspended solid(s)

ATTACHMENT D-1

PN02 ANNUAL SAMPLING FREQUENCY SCHEDULE EMAIL, DATED APRIL 19, 2018

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From: Skoba, Gwenan
To: Daniel Carey (MDNR)
Cc: Dave Evans; Viehweg, William H. (USACE)
Subject: FW: Update regarding SLAPS Outfall 002
Date: Thursday, April 19, 2018 3:00:00 PM

Hello Dan,
Sorry for the late notice, USACE has restarted remediation at the Ballfields (SLAPS Outfall 002). We have resumed the sampling per the NPDES permit equivalent.
Please let Dave know if you have any questions.
Thank you!
Gwenan

Gwenan Skoba, MBA, CHMM
Principal Regulatory Specialist
HGL
110 James S. McDonnell Blvd
Hazelwood, MO 63042

-----Original Message-----
From: Skoba, Gwenan
Sent: Thursday, February 08, 2018 12:06 PM
To: Daniel Carey (MDNR)
Cc: Dave Evans; Viehweg, William H. (USACE)
Subject: RE: Update regarding SLAPS Outfall 002

Hi Dan,
For your records, USACE has temporarily stopped working at the Ballfields (SLAPS Outfall 002). Ballfields SU-12A & 12B were just confirmed.
We will notify MDNR when remediation resumes.
Thank you!
Gwenan

Gwenan Skoba, MBA, CHMM
Principal Regulatory Specialist
HGL
110 James S. McDonnell Blvd
Hazelwood, MO 63042

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APPENDIX E

COLDWATER CREEK SURFACE WATER AND SEDIMENT DATA

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Table E-1. CWC Surface Water Data for CY 2024

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275017	CWC002	04/25/24	Metals	Barium	89		0.69	µg/L	=	
CWC275017	CWC002	04/25/24	Metals	Molybdenum	7.8		2	µg/L	=	
CWC275017	CWC002	04/25/24	Metals	Antimony	0.31		0.29	µg/L	=	
CWC275017	CWC002	04/25/24	Metals	Arsenic	2.2		1.6	µg/L	=	
CWC275017	CWC002	04/25/24	Metals	Chromium	1.3		1.3	µg/L	=	
CWC275017	CWC002	04/25/24	Metals	Nickel	2.4		0.89	µg/L	=	
CWC275017	CWC002	04/25/24	Metals	Selenium	1.4		0.67	µg/L	=	
CWC275017	CWC002	04/25/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275017	CWC002	04/25/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275017	CWC002	04/25/24	Metals	Vanadium	4		4	µg/L	U	
CWC275017	CWC002	04/25/24	Alpha Spectroscopy	Th-228	1.06	0.684	0.759	pCi/L	J	T04, T20
CWC275017	CWC002	04/25/24	Alpha Spectroscopy	U-234	0.583	0.504	0.538	pCi/L	J	T04, T20
CWC275017	CWC002	04/25/24	Alpha Spectroscopy	Th-230	0.577	0.522	0.76	pCi/L	UJ	T04, T05
CWC275017	CWC002	04/25/24	Alpha Spectroscopy	Th-232	0	0.271	0.706	pCi/L	UJ	T06
CWC275017	CWC002	04/25/24	Alpha Spectroscopy	Ra-226	0.396	0.349	0.485	pCi/L	UJ	T04, T05
CWC275017	CWC002	04/25/24	Alpha Spectroscopy	U-235	0.0938	0.258	0.664	pCi/L	UJ	T06
CWC275017	CWC002	04/25/24	Alpha Spectroscopy	U-238	0.504	0.498	0.743	pCi/L	UJ	T04, T05
CWC275019	CWC003	04/25/24	Metals	Barium	92		0.69	µg/L	=	
CWC275019	CWC003	04/25/24	Metals	Molybdenum	7.9		2	µg/L	=	
CWC275019	CWC003	04/25/24	Metals	Antimony	0.34		0.29	µg/L	=	
CWC275019	CWC003	04/25/24	Metals	Arsenic	2.1		1.6	µg/L	=	
CWC275019	CWC003	04/25/24	Metals	Nickel	2.1		0.89	µg/L	=	
CWC275019	CWC003	04/25/24	Metals	Selenium	1.2		0.67	µg/L	=	
CWC275019	CWC003	04/25/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275019	CWC003	04/25/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275019	CWC003	04/25/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275019	CWC003	04/25/24	Metals	Vanadium	4		4	µg/L	U	
CWC275019	CWC003	04/25/24	Alpha Spectroscopy	Th-230	1.36	0.791	0.568	pCi/L	J	F01, T04, T20
CWC275019	CWC003	04/25/24	Alpha Spectroscopy	U-234	1.23	0.777	0.609	pCi/L	J	T04, T20
CWC275019	CWC003	04/25/24	Alpha Spectroscopy	Th-228	0.294	0.375	0.567	pCi/L	UJ	T06
CWC275019	CWC003	04/25/24	Alpha Spectroscopy	Th-232	0.213	0.371	0.785	pCi/L	UJ	T06
CWC275019	CWC003	04/25/24	Alpha Spectroscopy	Ra-226	0.101	0.202	0.453	pCi/L	UJ	T06
CWC275019	CWC003	04/25/24	Alpha Spectroscopy	U-235	0	0.4	1.04	pCi/L	UJ	T06

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275019	CWC003	04/25/24	Alpha Spectroscopy	U-238	0.399	0.466	0.729	pCi/L	UJ	T06
CWC275021	CWC004	04/25/24	Metals	Barium	110		0.69	µg/L	=	
CWC275021	CWC004	04/25/24	Metals	Molybdenum	7.9		2	µg/L	=	
CWC275021	CWC004	04/25/24	Metals	Antimony	0.39		0.29	µg/L	=	
CWC275021	CWC004	04/25/24	Metals	Arsenic	2.5		1.6	µg/L	=	
CWC275021	CWC004	04/25/24	Metals	Chromium	1.7		1.3	µg/L	=	
CWC275021	CWC004	04/25/24	Metals	Nickel	2.3		0.89	µg/L	=	
CWC275021	CWC004	04/25/24	Metals	Selenium	1.7		0.67	µg/L	=	
CWC275021	CWC004	04/25/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275021	CWC004	04/25/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275021	CWC004	04/25/24	Metals	Vanadium	4		4	µg/L	U	
CWC275021	CWC004	04/25/24	Alpha Spectroscopy	U-234	0.574	0.456	0.451	pCi/L	J	T04, T20
CWC275021	CWC004	04/25/24	Alpha Spectroscopy	Th-228	0.471	0.465	0.694	pCi/L	UJ	T04, T05
CWC275021	CWC004	04/25/24	Alpha Spectroscopy	Th-230	0.33	0.386	0.603	pCi/L	UJ	T06
CWC275021	CWC004	04/25/24	Alpha Spectroscopy	Th-232	0.0707	0.194	0.5	pCi/L	UJ	T06
CWC275021	CWC004	04/25/24	Alpha Spectroscopy	Ra-226	0.0954	0.191	0.429	pCi/L	UJ	T06
CWC275021	CWC004	04/25/24	Alpha Spectroscopy	U-235	0	0.297	0.772	pCi/L	UJ	T06
CWC275021	CWC004	04/25/24	Alpha Spectroscopy	U-238	0.592	0.483	0.623	pCi/L	UJ	T04, T05
CWC275023	CWC005	04/24/24	Metals	Barium	73		0.69	µg/L	=	
CWC275023	CWC005	04/24/24	Metals	Molybdenum	7.4		2	µg/L	=	
CWC275023	CWC005	04/24/24	Metals	Antimony	0.48		0.29	µg/L	=	
CWC275023	CWC005	04/24/24	Metals	Arsenic	1.8		1.6	µg/L	=	
CWC275023	CWC005	04/24/24	Metals	Chromium	1.7		1.3	µg/L	=	
CWC275023	CWC005	04/24/24	Metals	Nickel	2.7		0.89	µg/L	=	
CWC275023	CWC005	04/24/24	Metals	Selenium	0.87		0.67	µg/L	=	
CWC275023	CWC005	04/24/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275023	CWC005	04/24/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275023	CWC005	04/24/24	Metals	Vanadium	4		4	µg/L	U	
CWC275023	CWC005	04/24/24	Alpha Spectroscopy	U-238	0.564	0.487	0.52	pCi/L	J	T04, T20
CWC275023	CWC005	04/24/24	Alpha Spectroscopy	Th-228	0.501	0.446	0.615	pCi/L	UJ	T04, T05
CWC275023	CWC005	04/24/24	Alpha Spectroscopy	Th-230	0.439	0.419	0.603	pCi/L	UJ	T04, T05
CWC275023	CWC005	04/24/24	Alpha Spectroscopy	Th-232	-0.0209	0.172	0.443	pCi/L	UJ	T06
CWC275023	CWC005	04/24/24	Alpha Spectroscopy	Ra-226	0.16	0.231	0.432	pCi/L	UJ	T06
CWC275023	CWC005	04/24/24	Alpha Spectroscopy	U-234	0.394	0.453	0.779	pCi/L	UJ	T06
CWC275023	CWC005	04/24/24	Alpha Spectroscopy	U-235	0.121	0.344	0.894	pCi/L	UJ	T06

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275025	CWC006	04/24/24	Metals	Barium	69		0.69	µg/L	=	
CWC275025	CWC006	04/24/24	Metals	Molybdenum	6.5		2	µg/L	=	
CWC275025	CWC006	04/24/24	Metals	Antimony	0.69		0.29	µg/L	=	
CWC275025	CWC006	04/24/24	Metals	Arsenic	1.6		1.6	µg/L	=	
CWC275025	CWC006	04/24/24	Metals	Chromium	2.1		1.3	µg/L	=	
CWC275025	CWC006	04/24/24	Metals	Nickel	3		0.89	µg/L	=	
CWC275025	CWC006	04/24/24	Metals	Selenium	0.87		0.67	µg/L	=	
CWC275025	CWC006	04/24/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275025	CWC006	04/24/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275025	CWC006	04/24/24	Metals	Vanadium	4		4	µg/L	U	
CWC275025	CWC006	04/24/24	Alpha Spectroscopy	Th-228	0.806	0.613	0.742	pCi/L	J	T04, T20
CWC275025	CWC006	04/24/24	Alpha Spectroscopy	Th-230	0.58	0.502	0.536	pCi/L	J	F01, T04, T20
CWC275025	CWC006	04/24/24	Alpha Spectroscopy	U-234	0.422	0.364	0.39	pCi/L	J	T04, T20
CWC275025	CWC006	04/24/24	Alpha Spectroscopy	Th-232	-0.0252	0.208	0.535	pCi/L	UJ	T06
CWC275025	CWC006	04/24/24	Alpha Spectroscopy	Ra-226	-0.0674	0.165	0.566	pCi/L	UJ	T06
CWC275025	CWC006	04/24/24	Alpha Spectroscopy	U-235	0	0.256	0.666	pCi/L	UJ	T06
CWC275025	CWC006	04/24/24	Alpha Spectroscopy	U-238	0.274	0.296	0.388	pCi/L	UJ	T06
CWC275027	CWC007	04/24/24	Metals	Barium	60		0.69	µg/L	=	
CWC275027	CWC007	04/24/24	Metals	Molybdenum	5.4		2	µg/L	=	
CWC275027	CWC007	04/24/24	Metals	Antimony	0.63		0.29	µg/L	=	
CWC275027	CWC007	04/24/24	Metals	Arsenic	1.6		1.6	µg/L	=	
CWC275027	CWC007	04/24/24	Metals	Chromium	2.4		1.3	µg/L	=	
CWC275027	CWC007	04/24/24	Metals	Nickel	2.6		0.89	µg/L	=	
CWC275027	CWC007	04/24/24	Metals	Selenium	1.3		0.67	µg/L	=	
CWC275027	CWC007	04/24/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275027	CWC007	04/24/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275027	CWC007	04/24/24	Metals	Vanadium	4		4	µg/L	U	
CWC275027	CWC007	04/24/24	Alpha Spectroscopy	Th-230	1.09	0.606	0.42	pCi/L	J	F01, T04, T20
CWC275027	CWC007	04/24/24	Alpha Spectroscopy	U-234	0.59	0.437	0.404	pCi/L	J	T04, T20
CWC275027	CWC007	04/24/24	Alpha Spectroscopy	Th-228	0.0791	0.237	0.625	pCi/L	UJ	T06
CWC275027	CWC007	04/24/24	Alpha Spectroscopy	Th-232	0	0.223	0.581	pCi/L	UJ	T06
CWC275027	CWC007	04/24/24	Alpha Spectroscopy	Ra-226	0.105	0.21	0.471	pCi/L	UJ	T06
CWC275027	CWC007	04/24/24	Alpha Spectroscopy	U-235	0.164	0.27	0.499	pCi/L	UJ	T06
CWC275027	CWC007	04/24/24	Alpha Spectroscopy	U-238	0.36	0.383	0.646	pCi/L	UJ	T06
CWC275029	CWC008	04/24/24	Metals	Barium	50		0.69	µg/L	=	

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275029	CWC008	04/24/24	Metals	Antimony	0.56		0.29	µg/L	=	
CWC275029	CWC008	04/24/24	Metals	Chromium	2.5		1.3	µg/L	=	
CWC275029	CWC008	04/24/24	Metals	Molybdenum	4.1		2	µg/L	=	
CWC275029	CWC008	04/24/24	Metals	Nickel	2.5		0.89	µg/L	=	
CWC275029	CWC008	04/24/24	Metals	Arsenic	1.6		1.6	µg/L	U	
CWC275029	CWC008	04/24/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275029	CWC008	04/24/24	Metals	Selenium	0.67		0.67	µg/L	U	
CWC275029	CWC008	04/24/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275029	CWC008	04/24/24	Metals	Vanadium	4		4	µg/L	U	
CWC275029	CWC008	04/24/24	Alpha Spectroscopy	Th-230	0.898	0.594	0.489	pCi/L	J	F01, T04, T20
CWC275029	CWC008	04/24/24	Alpha Spectroscopy	Th-228	0.506	0.459	0.587	pCi/L	UJ	T04, T05
CWC275029	CWC008	04/24/24	Alpha Spectroscopy	Th-232	0	0.26	0.676	pCi/L	UJ	T06
CWC275029	CWC008	04/24/24	Alpha Spectroscopy	Ra-226	0.134	0.251	0.563	pCi/L	UJ	T06
CWC275029	CWC008	04/24/24	Alpha Spectroscopy	U-234	0.224	0.283	0.498	pCi/L	UJ	T06
CWC275029	CWC008	04/24/24	Alpha Spectroscopy	U-235	0.0426	0.181	0.544	pCi/L	UJ	T06
CWC275029	CWC008	04/24/24	Alpha Spectroscopy	U-238	0.344	0.338	0.506	pCi/L	UJ	T04, T05
CWC275031	CWC009	04/23/24	Metals	Barium	120		0.69	µg/L	=	
CWC275031	CWC009	04/23/24	Metals	Molybdenum	7.7		2	µg/L	=	
CWC275031	CWC009	04/23/24	Metals	Antimony	0.37		0.29	µg/L	=	
CWC275031	CWC009	04/23/24	Metals	Arsenic	2		1.6	µg/L	=	
CWC275031	CWC009	04/23/24	Metals	Nickel	2.3		0.89	µg/L	=	
CWC275031	CWC009	04/23/24	Metals	Selenium	1.6		0.67	µg/L	=	
CWC275031	CWC009	04/23/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275031	CWC009	04/23/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275031	CWC009	04/23/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275031	CWC009	04/23/24	Metals	Vanadium	4		4	µg/L	U	
CWC275031	CWC009	04/23/24	Alpha Spectroscopy	Th-230	0.79	0.553	0.616	pCi/L	J	F01, T04, T20
CWC275031	CWC009	04/23/24	Alpha Spectroscopy	U-234	0.636	0.443	0.386	pCi/L	J	T04, T20
CWC275031	CWC009	04/23/24	Alpha Spectroscopy	U-238	0.742	0.49	0.522	pCi/L	J	T04, T20
CWC275031	CWC009	04/23/24	Alpha Spectroscopy	Th-228	0.299	0.348	0.545	pCi/L	UJ	T06
CWC275031	CWC009	04/23/24	Alpha Spectroscopy	Th-232	0.171	0.296	0.627	pCi/L	UJ	T06
CWC275031	CWC009	04/23/24	Alpha Spectroscopy	Ra-226	0.0327	0.146	0.441	pCi/L	UJ	T06
CWC275031	CWC009	04/23/24	Alpha Spectroscopy	U-235	0.0673	0.185	0.476	pCi/L	UJ	T06
CWC275033	CWC010	04/23/24	Metals	Barium	100		0.69	µg/L	=	
CWC275033	CWC010	04/23/24	Metals	Molybdenum	6.6		2	µg/L	=	

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275033	CWC010	04/23/24	Metals	Antimony	0.44		0.29	µg/L	=	
CWC275033	CWC010	04/23/24	Metals	Arsenic	2.2		1.6	µg/L	=	
CWC275033	CWC010	04/23/24	Metals	Nickel	2.6		0.89	µg/L	=	
CWC275033	CWC010	04/23/24	Metals	Selenium	1.2		0.67	µg/L	=	
CWC275033	CWC010	04/23/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275033	CWC010	04/23/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275033	CWC010	04/23/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275033	CWC010	04/23/24	Metals	Vanadium	4		4	µg/L	U	
CWC275033	CWC010	04/23/24	Alpha Spectroscopy	Th-230	0.638	0.53	0.627	pCi/L	J	F01, T04, T20
CWC275033	CWC010	04/23/24	Alpha Spectroscopy	U-234	0.561	0.403	0.422	pCi/L	J	T04, T20
CWC275033	CWC010	04/23/24	Alpha Spectroscopy	U-238	0.888	0.502	0.42	pCi/L	J	T04, T20
CWC275033	CWC010	04/23/24	Alpha Spectroscopy	Th-228	0.294	0.394	0.722	pCi/L	UJ	T06
CWC275033	CWC010	04/23/24	Alpha Spectroscopy	Th-232	0.147	0.286	0.626	pCi/L	UJ	T06
CWC275033	CWC010	04/23/24	Alpha Spectroscopy	Ra-226	0.0325	0.145	0.438	pCi/L	UJ	T06
CWC275033	CWC010	04/23/24	Alpha Spectroscopy	U-235	0.143	0.234	0.432	pCi/L	UJ	T06
CWC275035	CWC011	04/23/24	Metals	Barium	85		0.69	µg/L	=	
CWC275035	CWC011	04/23/24	Metals	Molybdenum	5		2	µg/L	=	
CWC275035	CWC011	04/23/24	Metals	Antimony	0.44		0.29	µg/L	=	
CWC275035	CWC011	04/23/24	Metals	Arsenic	2.3		1.6	µg/L	=	
CWC275035	CWC011	04/23/24	Metals	Nickel	2.7		0.89	µg/L	=	
CWC275035	CWC011	04/23/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275035	CWC011	04/23/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275035	CWC011	04/23/24	Metals	Selenium	0.67		0.67	µg/L	U	
CWC275035	CWC011	04/23/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275035	CWC011	04/23/24	Metals	Vanadium	4		4	µg/L	U	
CWC275035	CWC011	04/23/24	Alpha Spectroscopy	Th-230	0.969	0.654	0.714	pCi/L	J	F01, T04, T20
CWC275035	CWC011	04/23/24	Alpha Spectroscopy	U-238	0.543	0.377	0.33	pCi/L	J	T04, T20
CWC275035	CWC011	04/23/24	Alpha Spectroscopy	Th-228	-0.0484	0.205	0.618	pCi/L	UJ	T06
CWC275035	CWC011	04/23/24	Alpha Spectroscopy	Th-232	0.194	0.35	0.765	pCi/L	UJ	T06
CWC275035	CWC011	04/23/24	Alpha Spectroscopy	Ra-226	0.204	0.333	0.732	pCi/L	UJ	T06
CWC275035	CWC011	04/23/24	Alpha Spectroscopy	U-234	0.0467	0.129	0.331	pCi/L	UJ	T06
CWC275035	CWC011	04/23/24	Alpha Spectroscopy	U-235	0.0577	0.159	0.408	pCi/L	UJ	T06
CWC278640	CWC002	10/10/24	Metals	Barium	95		0.69	µg/L	=	
CWC278640	CWC002	10/10/24	Metals	Molybdenum	7.1		0.53	µg/L	=	
CWC278640	CWC002	10/10/24	Metals	Arsenic	2.9		1.6	µg/L	=	

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278640	CWC002	10/10/24	Metals	Nickel	1.6		0.89	µg/L	=	
CWC278640	CWC002	10/10/24	Metals	Selenium	1.7		0.67	µg/L	=	
CWC278640	CWC002	10/10/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC278640	CWC002	10/10/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC278640	CWC002	10/10/24	Metals	Vanadium	4		4	µg/L	U	
CWC278640	CWC002	10/10/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC278640	CWC002	10/10/24	Metals	Cadmium	0.2		0.2	µg/L	UJ	E01, E08
CWC278640	CWC002	10/10/24	Alpha Spectroscopy	Th-230	0.513	0.38	0.32	pCi/L	J	F01, T04, T20
CWC278640	CWC002	10/10/24	Alpha Spectroscopy	U-234	1.23	0.651	0.445	pCi/L	J	T04, T20
CWC278640	CWC002	10/10/24	Alpha Spectroscopy	U-238	0.633	0.479	0.497	pCi/L	J	T04, T20
CWC278640	CWC002	10/10/24	Alpha Spectroscopy	Th-228	0.314	0.334	0.47	pCi/L	UJ	T06
CWC278640	CWC002	10/10/24	Alpha Spectroscopy	Th-232	0.0495	0.136	0.32	pCi/L	UJ	T06
CWC278640	CWC002	10/10/24	Alpha Spectroscopy	Ra-226	0.0669	0.189	0.421	pCi/L	UJ	T06
CWC278640	CWC002	10/10/24	Alpha Spectroscopy	U-235	0.098	0.277	0.616	pCi/L	UJ	T06
CWC278642	CWC003	10/10/24	Metals	Barium	98		0.69	µg/L	=	
CWC278642	CWC003	10/10/24	Metals	Molybdenum	7.9		0.53	µg/L	=	
CWC278642	CWC003	10/10/24	Metals	Arsenic	2.8		1.6	µg/L	=	
CWC278642	CWC003	10/10/24	Metals	Nickel	1.9		0.89	µg/L	=	
CWC278642	CWC003	10/10/24	Metals	Selenium	1.7		0.67	µg/L	=	
CWC278642	CWC003	10/10/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC278642	CWC003	10/10/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC278642	CWC003	10/10/24	Metals	Vanadium	4		4	µg/L	U	
CWC278642	CWC003	10/10/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC278642	CWC003	10/10/24	Metals	Cadmium	0.2		0.2	µg/L	UJ	E01, E08
CWC278642	CWC003	10/10/24	Alpha Spectroscopy	Th-230	0.865	0.559	0.462	pCi/L	J	F01, T04, T20
CWC278642	CWC003	10/10/24	Alpha Spectroscopy	U-234	0.954	0.587	0.465	pCi/L	J	T04, T20
CWC278642	CWC003	10/10/24	Alpha Spectroscopy	U-238	0.991	0.605	0.52	pCi/L	J	T04, T20
CWC278642	CWC003	10/10/24	Alpha Spectroscopy	Th-228	0.576	0.512	0.675	pCi/L	UJ	T04, T05
CWC278642	CWC003	10/10/24	Alpha Spectroscopy	Th-232	0.226	0.289	0.398	pCi/L	UJ	T06
CWC278642	CWC003	10/10/24	Alpha Spectroscopy	Ra-226	0.14	0.243	0.44	pCi/L	UJ	T06
CWC278642	CWC003	10/10/24	Alpha Spectroscopy	U-235	0.102	0.29	0.644	pCi/L	UJ	T06
CWC278644	CWC004	10/08/24	Metals	Barium	98		0.69	µg/L	=	
CWC278644	CWC004	10/08/24	Metals	Molybdenum	7.9		0.53	µg/L	=	
CWC278644	CWC004	10/08/24	Metals	Arsenic	2.7		1.6	µg/L	=	
CWC278644	CWC004	10/08/24	Metals	Nickel	1.9		0.89	µg/L	=	

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278644	CWC004	10/08/24	Metals	Selenium	1.8		0.67	µg/L	=	
CWC278644	CWC004	10/08/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC278644	CWC004	10/08/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC278644	CWC004	10/08/24	Metals	Vanadium	4		4	µg/L	U	
CWC278644	CWC004	10/08/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC278644	CWC004	10/08/24	Metals	Cadmium	0.2		0.2	µg/L	UJ	E01, E08
CWC278644	CWC004	10/08/24	Alpha Spectroscopy	Th-230	1.57	0.736	0.386	pCi/L	J	F01
CWC278644	CWC004	10/08/24	Alpha Spectroscopy	Th-228	0.478	0.425	0.501	pCi/L	UJ	T04, T05
CWC278644	CWC004	10/08/24	Alpha Spectroscopy	Th-232	0.0796	0.225	0.5	pCi/L	UJ	T06
CWC278644	CWC004	10/08/24	Alpha Spectroscopy	Ra-226	-0.0705	0.173	0.495	pCi/L	UJ	T06
CWC278644	CWC004	10/08/24	Alpha Spectroscopy	U-234	0.31	0.349	0.488	pCi/L	UJ	T06
CWC278644	CWC004	10/08/24	Alpha Spectroscopy	U-235	0	0.271	0.602	pCi/L	UJ	T06
CWC278644	CWC004	10/08/24	Alpha Spectroscopy	U-238	0.386	0.381	0.486	pCi/L	UJ	T04, T05
CWC278646	CWC005	10/08/24	Metals	Barium	110		0.69	µg/L	=	
CWC278646	CWC005	10/08/24	Metals	Molybdenum	8.5		0.53	µg/L	=	
CWC278646	CWC005	10/08/24	Metals	Arsenic	2.4		1.6	µg/L	=	
CWC278646	CWC005	10/08/24	Metals	Chromium	1.3		1.3	µg/L	=	
CWC278646	CWC005	10/08/24	Metals	Nickel	2.1		0.89	µg/L	=	
CWC278646	CWC005	10/08/24	Metals	Selenium	1.7		0.67	µg/L	=	
CWC278646	CWC005	10/08/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC278646	CWC005	10/08/24	Metals	Vanadium	4		4	µg/L	U	
CWC278646	CWC005	10/08/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC278646	CWC005	10/08/24	Metals	Cadmium	0.2		0.2	µg/L	UJ	E01, E08
CWC278646	CWC005	10/08/24	Alpha Spectroscopy	Th-230	1.09	0.64	0.527	pCi/L	J	F01, T04, T20
CWC278646	CWC005	10/08/24	Alpha Spectroscopy	U-234	0.702	0.499	0.491	pCi/L	J	T04, T20
CWC278646	CWC005	10/08/24	Alpha Spectroscopy	U-238	0.447	0.385	0.376	pCi/L	J	T04, T20
CWC278646	CWC005	10/08/24	Alpha Spectroscopy	Th-228	0.23	0.396	0.713	pCi/L	UJ	T06
CWC278646	CWC005	10/08/24	Alpha Spectroscopy	Th-232	0	0.237	0.527	pCi/L	UJ	T06
CWC278646	CWC005	10/08/24	Alpha Spectroscopy	Ra-226	0.322	0.328	0.419	pCi/L	UJ	T06
CWC278646	CWC005	10/08/24	Alpha Spectroscopy	U-235	0	0.272	0.605	pCi/L	UJ	T06
CWC278648	CWC006	10/08/24	Metals	Barium	120		0.69	µg/L	=	
CWC278648	CWC006	10/08/24	Metals	Chromium	13		1.3	µg/L	=	
CWC278648	CWC006	10/08/24	Metals	Molybdenum	8.7		0.53	µg/L	=	
CWC278648	CWC006	10/08/24	Metals	Nickel	15		0.89	µg/L	=	
CWC278648	CWC006	10/08/24	Metals	Arsenic	2.5		1.6	µg/L	=	

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278648	CWC006	10/08/24	Metals	Selenium	1.9		0.67	µg/L	=	
CWC278648	CWC006	10/08/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC278648	CWC006	10/08/24	Metals	Vanadium	4		4	µg/L	U	
CWC278648	CWC006	10/08/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC278648	CWC006	10/08/24	Metals	Cadmium	0.2		0.2	µg/L	UJ	E01, E08
CWC278648	CWC006	10/08/24	Alpha Spectroscopy	Th-228	0.758	0.545	0.599	pCi/L	J	T04, T20
CWC278648	CWC006	10/08/24	Alpha Spectroscopy	U-234	0.885	0.531	0.364	pCi/L	J	T04, T20
CWC278648	CWC006	10/08/24	Alpha Spectroscopy	Th-230	0.3	0.324	0.387	pCi/L	UJ	T06
CWC278648	CWC006	10/08/24	Alpha Spectroscopy	Th-232	0.0598	0.165	0.386	pCi/L	UJ	T06
CWC278648	CWC006	10/08/24	Alpha Spectroscopy	Ra-226	0.142	0.265	0.498	pCi/L	UJ	T06
CWC278648	CWC006	10/08/24	Alpha Spectroscopy	U-235	0.0929	0.263	0.584	pCi/L	UJ	T06
CWC278648	CWC006	10/08/24	Alpha Spectroscopy	U-238	0.375	0.369	0.472	pCi/L	UJ	T04, T05
CWC278650	CWC007	10/07/24	Metals	Barium	120		0.69	µg/L	=	
CWC278650	CWC007	10/07/24	Metals	Molybdenum	8.5		0.53	µg/L	=	
CWC278650	CWC007	10/07/24	Metals	Arsenic	2.5		1.6	µg/L	=	
CWC278650	CWC007	10/07/24	Metals	Nickel	2.3		0.89	µg/L	=	
CWC278650	CWC007	10/07/24	Metals	Selenium	2.7		0.67	µg/L	=	
CWC278650	CWC007	10/07/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC278650	CWC007	10/07/24	Metals	Cadmium	0.2		0.2	µg/L	U	
CWC278650	CWC007	10/07/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC278650	CWC007	10/07/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC278650	CWC007	10/07/24	Metals	Vanadium	4		4	µg/L	U	
CWC278650	CWC007	10/07/24	Alpha Spectroscopy	Th-228	0.655	0.487	0.491	pCi/L	J	T04, T20
CWC278650	CWC007	10/07/24	Alpha Spectroscopy	Th-230	0.696	0.485	0.385	pCi/L	J	F01, T04, T20
CWC278650	CWC007	10/07/24	Alpha Spectroscopy	Ra-226	0.467	0.387	0.42	pCi/L	J	T04, T20
CWC278650	CWC007	10/07/24	Alpha Spectroscopy	U-234	0.507	0.402	0.363	pCi/L	J	T04, T20
CWC278650	CWC007	10/07/24	Alpha Spectroscopy	U-238	0.598	0.453	0.47	pCi/L	J	T04, T20
CWC278650	CWC007	10/07/24	Alpha Spectroscopy	Th-232	0.0794	0.225	0.499	pCi/L	UJ	T06
CWC278650	CWC007	10/07/24	Alpha Spectroscopy	U-235	-0.0231	0.191	0.448	pCi/L	UJ	T06
CWC278652	CWC008	10/07/24	Metals	Barium	130		0.69	µg/L	=	
CWC278652	CWC008	10/07/24	Metals	Molybdenum	9.3		0.53	µg/L	=	
CWC278652	CWC008	10/07/24	Metals	Arsenic	2.4		1.6	µg/L	=	
CWC278652	CWC008	10/07/24	Metals	Nickel	2.8		0.89	µg/L	=	
CWC278652	CWC008	10/07/24	Metals	Selenium	2.2		0.67	µg/L	=	
CWC278652	CWC008	10/07/24	Metals	Antimony	1.1		1.1	µg/L	U	

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278652	CWC008	10/07/24	Metals	Cadmium	0.2		0.2	µg/L	U	
CWC278652	CWC008	10/07/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC278652	CWC008	10/07/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC278652	CWC008	10/07/24	Metals	Vanadium	4		4	µg/L	U	
CWC278652	CWC008	10/07/24	Alpha Spectroscopy	Th-228	0.474	0.392	0.408	pCi/L	J	T04, T20
CWC278652	CWC008	10/07/24	Alpha Spectroscopy	Th-230	1.09	0.596	0.459	pCi/L	J	F01, T04, T20
CWC278652	CWC008	10/07/24	Alpha Spectroscopy	U-234	1.03	0.605	0.46	pCi/L	J	T04, T20
CWC278652	CWC008	10/07/24	Alpha Spectroscopy	Th-232	0.0364	0.155	0.408	pCi/L	UJ	T06
CWC278652	CWC008	10/07/24	Alpha Spectroscopy	Ra-226	0.204	0.272	0.427	pCi/L	UJ	T06
CWC278652	CWC008	10/07/24	Alpha Spectroscopy	U-235	0	0.286	0.637	pCi/L	UJ	T06
CWC278652	CWC008	10/07/24	Alpha Spectroscopy	U-238	0.388	0.37	0.396	pCi/L	UJ	T04, T05
CWC278654	CWC009	10/08/24	Metals	Barium	130		0.69	µg/L	=	
CWC278654	CWC009	10/08/24	Metals	Molybdenum	10		0.53	µg/L	=	
CWC278654	CWC009	10/08/24	Metals	Nickel	11		0.89	µg/L	=	
CWC278654	CWC009	10/08/24	Metals	Arsenic	2.3		1.6	µg/L	=	
CWC278654	CWC009	10/08/24	Metals	Chromium	2.4		1.3	µg/L	=	
CWC278654	CWC009	10/08/24	Metals	Selenium	2.3		0.67	µg/L	=	
CWC278654	CWC009	10/08/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC278654	CWC009	10/08/24	Metals	Vanadium	4		4	µg/L	U	
CWC278654	CWC009	10/08/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC278654	CWC009	10/08/24	Metals	Cadmium	0.2		0.2	µg/L	UJ	E01, E08
CWC278654	CWC009	10/08/24	Alpha Spectroscopy	Th-228	0.78	0.504	0.474	pCi/L	J	T04, T20
CWC278654	CWC009	10/08/24	Alpha Spectroscopy	Th-230	1.03	0.563	0.398	pCi/L	J	F01, T04, T20
CWC278654	CWC009	10/08/24	Alpha Spectroscopy	U-238	0.633	0.479	0.498	pCi/L	J	T04, T20
CWC278654	CWC009	10/08/24	Alpha Spectroscopy	Th-232	0.0709	0.201	0.446	pCi/L	UJ	T06
CWC278654	CWC009	10/08/24	Alpha Spectroscopy	Ra-226	0.164	0.237	0.385	pCi/L	UJ	T06
CWC278654	CWC009	10/08/24	Alpha Spectroscopy	U-234	0.377	0.36	0.385	pCi/L	UJ	T04, T05
CWC278654	CWC009	10/08/24	Alpha Spectroscopy	U-235	0.0735	0.202	0.474	pCi/L	UJ	T06
CWC278656	CWC010	10/07/24	Metals	Barium	130		0.69	µg/L	=	
CWC278656	CWC010	10/07/24	Metals	Molybdenum	11		0.53	µg/L	=	
CWC278656	CWC010	10/07/24	Metals	Arsenic	2.6		1.6	µg/L	=	
CWC278656	CWC010	10/07/24	Metals	Nickel	2.7		0.89	µg/L	=	
CWC278656	CWC010	10/07/24	Metals	Selenium	2.2		0.67	µg/L	=	
CWC278656	CWC010	10/07/24	Metals	Cadmium	0.2		0.2	µg/L	J	F01
CWC278656	CWC010	10/07/24	Metals	Antimony	1.1		1.1	µg/L	U	

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278656	CWC010	10/07/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC278656	CWC010	10/07/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC278656	CWC010	10/07/24	Metals	Vanadium	4		4	µg/L	U	
CWC278656	CWC010	10/07/24	Alpha Spectroscopy	U-234	0.921	0.531	0.35	pCi/L	J	T04, T20
CWC278656	CWC010	10/07/24	Alpha Spectroscopy	U-238	0.702	0.462	0.348	pCi/L	J	T04, T20
CWC278656	CWC010	10/07/24	Alpha Spectroscopy	Th-228	0.234	0.323	0.522	pCi/L	UJ	T06
CWC278656	CWC010	10/07/24	Alpha Spectroscopy	Th-230	0.391	0.386	0.492	pCi/L	UJ	T04, T05
CWC278656	CWC010	10/07/24	Alpha Spectroscopy	Th-232	0.0781	0.221	0.491	pCi/L	UJ	T06
CWC278656	CWC010	10/07/24	Alpha Spectroscopy	Ra-226	-0.065	0.159	0.457	pCi/L	UJ	T06
CWC278656	CWC010	10/07/24	Alpha Spectroscopy	U-235	0	0.252	0.561	pCi/L	UJ	T06
CWC278658	CWC011	10/07/24	Metals	Barium	110		0.69	µg/L	=	
CWC278658	CWC011	10/07/24	Metals	Molybdenum	12		0.53	µg/L	=	
CWC278658	CWC011	10/07/24	Metals	Arsenic	2.4		1.6	µg/L	=	
CWC278658	CWC011	10/07/24	Metals	Nickel	2.3		0.89	µg/L	=	
CWC278658	CWC011	10/07/24	Metals	Selenium	1.7		0.67	µg/L	=	
CWC278658	CWC011	10/07/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC278658	CWC011	10/07/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC278658	CWC011	10/07/24	Metals	Vanadium	4		4	µg/L	U	
CWC278658	CWC011	10/07/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC278658	CWC011	10/07/24	Metals	Cadmium	0.2		0.2	µg/L	UJ	E01, E08
CWC278658	CWC011	10/07/24	Alpha Spectroscopy	Th-230	0.969	0.53	0.374	pCi/L	J	F01, T04, T20
CWC278658	CWC011	10/07/24	Alpha Spectroscopy	U-234	0.602	0.462	0.45	pCi/L	J	T04, T20
CWC278658	CWC011	10/07/24	Alpha Spectroscopy	U-238	0.799	0.537	0.503	pCi/L	J	T04, T20
CWC278658	CWC011	10/07/24	Alpha Spectroscopy	Th-228	0.0167	0.208	0.525	pCi/L	UJ	T06
CWC278658	CWC011	10/07/24	Alpha Spectroscopy	Th-232	0.133	0.231	0.419	pCi/L	UJ	T06
CWC278658	CWC011	10/07/24	Alpha Spectroscopy	Ra-226	0.183	0.319	0.58	pCi/L	UJ	T06
CWC278658	CWC011	10/07/24	Alpha Spectroscopy	U-235	-0.0495	0.21	0.555	pCi/L	UJ	T06
CWC275110	CWC002	04/02/24	Metals	Barium	69		0.69	µg/L	=	
CWC275110	CWC002	04/02/24	Metals	Molybdenum	9.8		2	µg/L	=	
CWC275110	CWC002	04/02/24	Metals	Antimony	0.39		0.29	µg/L	=	
CWC275110	CWC002	04/02/24	Metals	Arsenic	2		1.6	µg/L	=	
CWC275110	CWC002	04/02/24	Metals	Cadmium	0.078		0.06	µg/L	=	
CWC275110	CWC002	04/02/24	Metals	Chromium	2.2		1.3	µg/L	=	
CWC275110	CWC002	04/02/24	Metals	Nickel	3.1		0.89	µg/L	=	
CWC275110	CWC002	04/02/24	Metals	Selenium	3.1		0.67	µg/L	=	

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275110	CWC002	04/02/24	Metals	Vanadium	4.3		4	µg/L	=	
CWC275110	CWC002	04/02/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275110	CWC002	04/02/24	Alpha Spectroscopy	Th-230	1.07	0.559	0.362	pCi/L	J	F01, T04, T20
CWC275110	CWC002	04/02/24	Alpha Spectroscopy	Th-228	0.34	0.342	0.538	pCi/L	UJ	T06
CWC275110	CWC002	04/02/24	Alpha Spectroscopy	Th-232	0.119	0.196	0.361	pCi/L	UJ	T06
CWC275110	CWC002	04/02/24	Alpha Spectroscopy	Ra-226	0.032	0.143	0.432	pCi/L	UJ	T06
CWC275110	CWC002	04/02/24	Alpha Spectroscopy	U-234	0.54	0.48	0.663	pCi/L	UJ	T04, T05
CWC275110	CWC002	04/02/24	Alpha Spectroscopy	U-235	0	0.314	0.818	pCi/L	UJ	T06
CWC275110	CWC002	04/02/24	Alpha Spectroscopy	U-238	0.314	0.366	0.573	pCi/L	UJ	T06
CWC275111	CWC007	04/02/24	Metals	Barium	77		0.69	µg/L	=	
CWC275111	CWC007	04/02/24	Metals	Molybdenum	8.2		2	µg/L	=	
CWC275111	CWC007	04/02/24	Metals	Nickel	5.2		0.89	µg/L	=	
CWC275111	CWC007	04/02/24	Metals	Antimony	0.61		0.29	µg/L	=	
CWC275111	CWC007	04/02/24	Metals	Arsenic	2.4		1.6	µg/L	=	
CWC275111	CWC007	04/02/24	Metals	Cadmium	0.11		0.06	µg/L	=	
CWC275111	CWC007	04/02/24	Metals	Chromium	3.8		1.3	µg/L	=	
CWC275111	CWC007	04/02/24	Metals	Selenium	3.3		0.67	µg/L	=	
CWC275111	CWC007	04/02/24	Metals	Vanadium	7.7		4	µg/L	=	
CWC275111	CWC007	04/02/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275111	CWC007	04/02/24	Alpha Spectroscopy	Th-228	0.613	0.404	0.334	pCi/L	J	T04, T20
CWC275111	CWC007	04/02/24	Alpha Spectroscopy	Th-230	1.82	0.716	0.463	pCi/L	J	F01
CWC275111	CWC007	04/02/24	Alpha Spectroscopy	U-238	0.401	0.346	0.37	pCi/L	J	T04, T20
CWC275111	CWC007	04/02/24	Alpha Spectroscopy	Th-232	0	0.178	0.462	pCi/L	UJ	T06
CWC275111	CWC007	04/02/24	Alpha Spectroscopy	Ra-226	0.166	0.239	0.447	pCi/L	UJ	T06
CWC275111	CWC007	04/02/24	Alpha Spectroscopy	U-234	0.49	0.405	0.554	pCi/L	UJ	T04, T05
CWC275111	CWC007	04/02/24	Alpha Spectroscopy	U-235	0	0.244	0.635	pCi/L	UJ	T06
CWC275112	CWC009	04/02/24	Metals	Barium	86		0.69	µg/L	=	
CWC275112	CWC009	04/02/24	Metals	Molybdenum	6.3		2	µg/L	=	
CWC275112	CWC009	04/02/24	Metals	Nickel	5.5		0.89	µg/L	=	
CWC275112	CWC009	04/02/24	Metals	Vanadium	10		4	µg/L	=	
CWC275112	CWC009	04/02/24	Metals	Antimony	0.65		0.29	µg/L	=	
CWC275112	CWC009	04/02/24	Metals	Arsenic	2.9		1.6	µg/L	=	
CWC275112	CWC009	04/02/24	Metals	Cadmium	0.12		0.06	µg/L	=	
CWC275112	CWC009	04/02/24	Metals	Chromium	5.4		1.3	µg/L	=	
CWC275112	CWC009	04/02/24	Metals	Selenium	2.8		0.67	µg/L	=	

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275112	CWC009	04/02/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275112	CWC009	04/02/24	Alpha Spectroscopy	Th-230	1.55	0.66	0.346	pCi/L	J	F01
CWC275112	CWC009	04/02/24	Alpha Spectroscopy	U-234	0.856	0.515	0.504	pCi/L	J	T04, T20
CWC275112	CWC009	04/02/24	Alpha Spectroscopy	Th-228	0.455	0.371	0.479	pCi/L	UJ	T04, T05
CWC275112	CWC009	04/02/24	Alpha Spectroscopy	Th-232	0.0488	0.134	0.345	pCi/L	UJ	T06
CWC275112	CWC009	04/02/24	Alpha Spectroscopy	Ra-226	0.177	0.256	0.478	pCi/L	UJ	T06
CWC275112	CWC009	04/02/24	Alpha Spectroscopy	U-235	0	0.244	0.635	pCi/L	UJ	T06
CWC275112	CWC009	04/02/24	Alpha Spectroscopy	U-238	0.348	0.343	0.512	pCi/L	UJ	T04, T05
CWC275643	CWC002	04/29/24	Metals	Barium	67		0.69	µg/L	=	
CWC275643	CWC002	04/29/24	Metals	Molybdenum	7.1		2	µg/L	=	
CWC275643	CWC002	04/29/24	Metals	Antimony	0.33		0.29	µg/L	=	
CWC275643	CWC002	04/29/24	Metals	Arsenic	1.6		1.6	µg/L	=	
CWC275643	CWC002	04/29/24	Metals	Cadmium	0.064		0.06	µg/L	=	
CWC275643	CWC002	04/29/24	Metals	Chromium	2		1.3	µg/L	=	
CWC275643	CWC002	04/29/24	Metals	Nickel	2.5		0.89	µg/L	=	
CWC275643	CWC002	04/29/24	Metals	Selenium	1.6		0.67	µg/L	=	
CWC275643	CWC002	04/29/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275643	CWC002	04/29/24	Metals	Vanadium	4		4	µg/L	U	
CWC275643	CWC002	04/29/24	Alpha Spectroscopy	Th-228	1.22	0.739	0.553	pCi/L	J	T04, T20
CWC275643	CWC002	04/29/24	Alpha Spectroscopy	Th-230	1.88	0.938	0.767	pCi/L	J	F01, T04
CWC275643	CWC002	04/29/24	Alpha Spectroscopy	Th-232	0.078	0.215	0.552	pCi/L	UJ	T06
CWC275643	CWC002	04/29/24	Alpha Spectroscopy	Ra-226	0.0314	0.208	0.607	pCi/L	UJ	T06
CWC275643	CWC002	04/29/24	Alpha Spectroscopy	U-234	0.411	0.371	0.541	pCi/L	UJ	T04, T05
CWC275643	CWC002	04/29/24	Alpha Spectroscopy	U-235	0	0.239	0.622	pCi/L	UJ	T06
CWC275643	CWC002	04/29/24	Alpha Spectroscopy	U-238	0.256	0.276	0.362	pCi/L	UJ	T06
CWC275644	CWC007	04/29/24	Metals	Barium	68		0.69	µg/L	=	
CWC275644	CWC007	04/29/24	Metals	Molybdenum	5.4		2	µg/L	=	
CWC275644	CWC007	04/29/24	Metals	Antimony	0.44		0.29	µg/L	=	
CWC275644	CWC007	04/29/24	Metals	Arsenic	1.8		1.6	µg/L	=	
CWC275644	CWC007	04/29/24	Metals	Cadmium	0.08		0.06	µg/L	=	
CWC275644	CWC007	04/29/24	Metals	Chromium	1.6		1.3	µg/L	=	
CWC275644	CWC007	04/29/24	Metals	Nickel	2.7		0.89	µg/L	=	
CWC275644	CWC007	04/29/24	Metals	Selenium	2.1		0.67	µg/L	=	
CWC275644	CWC007	04/29/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275644	CWC007	04/29/24	Metals	Vanadium	4		4	µg/L	U	

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275644	CWC007	04/29/24	Alpha Spectroscopy	Th-230	2.42	0.971	0.635	pCi/L	J	F01
CWC275644	CWC007	04/29/24	Alpha Spectroscopy	U-234	0.438	0.378	0.405	pCi/L	J	T04, T20
CWC275644	CWC007	04/29/24	Alpha Spectroscopy	U-238	0.437	0.377	0.403	pCi/L	J	T04, T20
CWC275644	CWC007	04/29/24	Alpha Spectroscopy	Th-228	0.172	0.299	0.634	pCi/L	UJ	T06
CWC275644	CWC007	04/29/24	Alpha Spectroscopy	Th-232	0.172	0.299	0.634	pCi/L	UJ	T06
CWC275644	CWC007	04/29/24	Alpha Spectroscopy	Ra-226	0.0584	0.234	0.629	pCi/L	UJ	T06
CWC275644	CWC007	04/29/24	Alpha Spectroscopy	U-235	0.0941	0.266	0.692	pCi/L	UJ	T06
CWC275645	CWC009	04/29/24	Metals	Barium	56		0.69	µg/L	=	
CWC275645	CWC009	04/29/24	Metals	Antimony	0.41		0.29	µg/L	=	
CWC275645	CWC009	04/29/24	Metals	Arsenic	1.7		1.6	µg/L	=	
CWC275645	CWC009	04/29/24	Metals	Chromium	1.3		1.3	µg/L	=	
CWC275645	CWC009	04/29/24	Metals	Molybdenum	3		2	µg/L	=	
CWC275645	CWC009	04/29/24	Metals	Nickel	2.4		0.89	µg/L	=	
CWC275645	CWC009	04/29/24	Metals	Selenium	1		0.67	µg/L	=	
CWC275645	CWC009	04/29/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275645	CWC009	04/29/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275645	CWC009	04/29/24	Metals	Vanadium	4		4	µg/L	U	
CWC275645	CWC009	04/29/24	Alpha Spectroscopy	Th-228	0.427	0.368	0.394	pCi/L	J	T04, T20
CWC275645	CWC009	04/29/24	Alpha Spectroscopy	Th-230	1.1	0.589	0.394	pCi/L	J	F01, T04, T20
CWC275645	CWC009	04/29/24	Alpha Spectroscopy	U-234	0.523	0.415	0.411	pCi/L	J	T04, T20
CWC275645	CWC009	04/29/24	Alpha Spectroscopy	Th-232	0.0742	0.21	0.546	pCi/L	UJ	T06
CWC275645	CWC009	04/29/24	Alpha Spectroscopy	Ra-226	0.215	0.254	0.415	pCi/L	UJ	T06

Table E-1. CWC Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275645	CWC009	04/29/24	Alpha Spectroscopy	U-235	-0.0239	0.197	0.507	pCi/L	UJ	T06
CWC275645	CWC009	04/29/24	Alpha Spectroscopy	U-238	0.289	0.357	0.657	pCi/L	UJ	T06

VQs:

= - Indicates that the data met all QA/QC requirements, and that the parameter has been positively identified and the associated concentration value is accurate.

J - Indicates that the parameter was positively identified; the associated numerical value is the approximate concentration of the parameter in the sample.

U - Indicates that the data met all QA/QC requirements, and that the parameter was analyzed for but was not detected above the reported sample quantitation limit.

UJ - Indicates that the parameter was not detected above the reported sample quantitation limit and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. However, the reported quantitation limit is approximate.

Validation Reason Codes:

D02 - ICV recovery was above the upper control limit.

E01 - Interference check sample recovery was outside the control limit.

E08 - Professional judgment was used to qualify the data.

F01 - Blanks: Sample data were qualified as a result of the method blank.

T04 - Radionuclide Quantitation: Professional judgment was used to qualify the data.

T05 - Radionuclide Quantitation: Analytical result is less than the associated MDA, but greater than the counting uncertainty.

T06 - Radionuclide Quantitation: Analytical result is less than both the associated counting uncertainty and MDA.

T20 - Radionuclide Quantitation: Analytical result is greater than the associated MDA, with uncertainty 50 percent to 100 percent of the result.

Table E-2. CWC Sediment Data for CY 2024

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275018	CWC002	04/25/24	Metals	Antimony	0.9		0.088	mg/kg	=	
CWC275018	CWC002	04/25/24	Metals	Arsenic	2.9		0.16	mg/kg	=	
CWC275018	CWC002	04/25/24	Metals	Barium	270		0.18	mg/kg	=	
CWC275018	CWC002	04/25/24	Metals	Cadmium	0.31		0.02	mg/kg	=	
CWC275018	CWC002	04/25/24	Metals	Chromium	20		0.38	mg/kg	=	
CWC275018	CWC002	04/25/24	Metals	Molybdenum	1.2		0.17	mg/kg	=	
CWC275018	CWC002	04/25/24	Metals	Selenium	1.2		0.25	mg/kg	=	
CWC275018	CWC002	04/25/24	Metals	Vanadium	9.3		0.52	mg/kg	=	
CWC275018	CWC002	04/25/24	Metals	Nickel	7.8		0.19	mg/kg	=	
CWC275018	CWC002	04/25/24	Metals	Thallium	0.055		0.03	mg/kg	=	
CWC275018	CWC002	04/25/24	Alpha Spectroscopy	Th-228	0.496	0.282	0.274	pCi/g	J	T04, T20
CWC275018	CWC002	04/25/24	Alpha Spectroscopy	Th-230	1.12	0.424	0.199	pCi/g	J	F01
CWC275018	CWC002	04/25/24	Alpha Spectroscopy	Th-232	0.449	0.262	0.199	pCi/g	J	T04, T20
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	K-40	9.47	1.28	0.201	pCi/g	=	
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	Ra-226	0.967	0.248	0.0561	pCi/g	=	
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	Ra-228	0.34	0.0581	0.0511	pCi/g	=	
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	Th-228	0.34	0.0581	0.0511	pCi/g	=	
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	Th-232	0.34	0.0581	0.0511	pCi/g	=	
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	U-238	0.617	0.122	0.264	pCi/g	=	
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	Ac-227	0.0137	0.139	0.239	pCi/g	UJ	T04, T06
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	Am-241	-0.0193	0.0253	0.0407	pCi/g	UJ	T04, T06
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	Cs-137	-0.0169	0.0121	0.0182	pCi/g	UJ	T04, T06
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	Pa-231	0.178	0.471	0.818	pCi/g	UJ	T04, T06
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	Th-230	0.653	2.47	4.13	pCi/g	UJ	T04, T06
CWC275018	CWC002	04/25/24	Gamma Spectroscopy	U-235	0.0727	0.153	0.26	pCi/g	UJ	T04, T06
CWC275020	CWC003	04/25/24	Metals	Arsenic	2.7		0.13	mg/kg	=	
CWC275020	CWC003	04/25/24	Metals	Barium	130		0.15	mg/kg	=	
CWC275020	CWC003	04/25/24	Metals	Cadmium	0.21		0.016	mg/kg	=	
CWC275020	CWC003	04/25/24	Metals	Chromium	9.2		0.32	mg/kg	=	
CWC275020	CWC003	04/25/24	Metals	Molybdenum	4.4		0.14	mg/kg	=	
CWC275020	CWC003	04/25/24	Metals	Selenium	0.66		0.21	mg/kg	=	
CWC275020	CWC003	04/25/24	Metals	Vanadium	8.3		0.44	mg/kg	=	
CWC275020	CWC003	04/25/24	Metals	Nickel	5.1		0.16	mg/kg	=	

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275020	CWC003	04/25/24	Metals	Antimony	0.11		0.076	mg/kg	=	
CWC275020	CWC003	04/25/24	Metals	Thallium	0.037		0.025	mg/kg	=	
CWC275020	CWC003	04/25/24	Alpha Spectroscopy	Th-228	0.429	0.277	0.302	pCi/g	J	T04, T20
CWC275020	CWC003	04/25/24	Alpha Spectroscopy	Th-230	1.21	0.468	0.302	pCi/g	J	F01, Q02
CWC275020	CWC003	04/25/24	Alpha Spectroscopy	Th-232	0.527	0.3	0.244	pCi/g	J	T04, T20
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	K-40	10.4	1.4	0.23	pCi/g	=	
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	Ra-226	0.874	0.225	0.0507	pCi/g	=	
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	Ra-228	0.322	0.05	0.0491	pCi/g	=	
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	Th-228	0.322	0.05	0.0491	pCi/g	=	
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	Th-232	0.322	0.05	0.0491	pCi/g	=	
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	U-238	0.599	0.119	0.255	pCi/g	=	
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	Ac-227	0.0271	0.13	0.226	pCi/g	UJ	T04, T06
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	Am-241	0.00674	0.0249	0.0418	pCi/g	UJ	T04, T06
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	Cs-137	-0.0119	0.0123	0.0194	pCi/g	UJ	T04, T06
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	Pa-231	0.429	0.485	0.859	pCi/g	UJ	T04, T06
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	Th-230	1.4	2.38	4.02	pCi/g	UJ	T04, T06
CWC275020	CWC003	04/25/24	Gamma Spectroscopy	U-235	-0.0116	0.148	0.248	pCi/g	UJ	T04, T06
CWC275022	CWC004	04/25/24	Metals	Antimony	0.55		0.065	mg/kg	=	
CWC275022	CWC004	04/25/24	Metals	Arsenic	5.7		0.13	mg/kg	=	
CWC275022	CWC004	04/25/24	Metals	Barium	82		0.15	mg/kg	=	
CWC275022	CWC004	04/25/24	Metals	Cadmium	0.39		0.016	mg/kg	=	
CWC275022	CWC004	04/25/24	Metals	Chromium	16		0.31	mg/kg	=	
CWC275022	CWC004	04/25/24	Metals	Molybdenum	1.2		0.14	mg/kg	=	
CWC275022	CWC004	04/25/24	Metals	Selenium	0.96		0.2	mg/kg	=	
CWC275022	CWC004	04/25/24	Metals	Vanadium	16		0.43	mg/kg	=	
CWC275022	CWC004	04/25/24	Metals	Nickel	10		0.16	mg/kg	=	
CWC275022	CWC004	04/25/24	Metals	Thallium	0.1		0.025	mg/kg	=	
CWC275022	CWC004	04/25/24	Alpha Spectroscopy	Th-228	0.759	0.393	0.384	pCi/g	J	T04, T20
CWC275022	CWC004	04/25/24	Alpha Spectroscopy	Th-230	2.37	0.712	0.272	pCi/g	J	F01
CWC275022	CWC004	04/25/24	Alpha Spectroscopy	Th-232	0.953	0.433	0.319	pCi/g	=	
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	K-40	11.3	1.51	0.208	pCi/g	=	
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	Ra-226	1.15	0.29	0.0596	pCi/g	=	
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	Ra-228	0.512	0.0694	0.0579	pCi/g	=	
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	Th-228	0.512	0.0694	0.0579	pCi/g	=	
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	Th-232	0.512	0.0694	0.0579	pCi/g	=	
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	U-238	0.923	0.167	0.291	pCi/g	=	

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	Ac-227	0.0483	0.153	0.265	pCi/g	UJ	T04, T06
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	Am-241	-0.00197	0.0284	0.0468	pCi/g	UJ	T04, T06
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	Cs-137	0.00162	0.0141	0.024	pCi/g	UJ	T04, T06
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	Pa-231	0.0254	0.538	0.914	pCi/g	UJ	T04, T06
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	Th-230	2.84	2.83	4.79	pCi/g	UJ	T04, T05
CWC275022	CWC004	04/25/24	Gamma Spectroscopy	U-235	0.023	0.168	0.284	pCi/g	UJ	T04, T06
CWC275024	CWC005	04/24/24	Metals	Antimony	1.1		0.092	mg/kg	=	
CWC275024	CWC005	04/24/24	Metals	Arsenic	7		0.17	mg/kg	=	
CWC275024	CWC005	04/24/24	Metals	Barium	170		0.2	mg/kg	=	
CWC275024	CWC005	04/24/24	Metals	Cadmium	0.71		0.021	mg/kg	=	
CWC275024	CWC005	04/24/24	Metals	Chromium	27		0.41	mg/kg	=	
CWC275024	CWC005	04/24/24	Metals	Molybdenum	1.3		0.19	mg/kg	=	
CWC275024	CWC005	04/24/24	Metals	Selenium	1.8		0.27	mg/kg	=	
CWC275024	CWC005	04/24/24	Metals	Vanadium	26		0.57	mg/kg	=	
CWC275024	CWC005	04/24/24	Metals	Nickel	19		0.21	mg/kg	=	
CWC275024	CWC005	04/24/24	Metals	Thallium	0.19		0.033	mg/kg	=	
CWC275024	CWC005	04/24/24	Alpha Spectroscopy	Th-228	1.44	0.573	0.394	pCi/g	=	
CWC275024	CWC005	04/24/24	Alpha Spectroscopy	Th-230	3.43	0.934	0.231	pCi/g	J	F01
CWC275024	CWC005	04/24/24	Alpha Spectroscopy	Th-232	0.532	0.342	0.356	pCi/g	J	T04, T20
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	K-40	10.7	1.44	0.241	pCi/g	=	
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	Ra-226	1.05	0.274	0.0609	pCi/g	=	
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	Ra-228	0.622	0.0826	0.0559	pCi/g	=	
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	Th-228	0.622	0.0826	0.0559	pCi/g	=	
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	Th-232	0.622	0.0826	0.0559	pCi/g	=	
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	U-238	0.909	0.162	0.297	pCi/g	=	
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	Ac-227	0.204	0.157	0.281	pCi/g	UJ	T04, T05
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	Am-241	-0.0131	0.0294	0.0481	pCi/g	UJ	T04, T06
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	Cs-137	-0.01	0.0144	0.0234	pCi/g	UJ	T04, T06
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	Pa-231	-0.0301	0.556	0.94	pCi/g	UJ	T04, T06
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	Th-230	0.91	2.82	4.71	pCi/g	UJ	T04, T06
CWC275024	CWC005	04/24/24	Gamma Spectroscopy	U-235	0.252	0.183	0.312	pCi/g	UJ	T04, T05
CWC275026	CWC006	04/24/24	Metals	Arsenic	4.9		0.18	mg/kg	=	
CWC275026	CWC006	04/24/24	Metals	Barium	120		0.21	mg/kg	=	
CWC275026	CWC006	04/24/24	Metals	Cadmium	0.47		0.022	mg/kg	=	
CWC275026	CWC006	04/24/24	Metals	Chromium	16		0.43	mg/kg	=	

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275026	CWC006	04/24/24	Metals	Molybdenum	0.85		0.2	mg/kg	=	
CWC275026	CWC006	04/24/24	Metals	Selenium	1.4		0.28	mg/kg	=	
CWC275026	CWC006	04/24/24	Metals	Vanadium	19		0.6	mg/kg	=	
CWC275026	CWC006	04/24/24	Metals	Nickel	14		0.22	mg/kg	=	
CWC275026	CWC006	04/24/24	Metals	Antimony	0.66		0.097	mg/kg	=	
CWC275026	CWC006	04/24/24	Metals	Thallium	0.15		0.034	mg/kg	=	
CWC275026	CWC006	04/24/24	Alpha Spectroscopy	Th-228	0.744	0.366	0.354	pCi/g	=	
CWC275026	CWC006	04/24/24	Alpha Spectroscopy	Th-230	3.07	0.784	0.216	pCi/g	J	F01
CWC275026	CWC006	04/24/24	Alpha Spectroscopy	Th-232	0.692	0.346	0.283	pCi/g	=	
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	K-40	12.3	1.63	0.254	pCi/g	=	
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	Ra-226	1.1	0.28	0.06	pCi/g	=	
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	Ra-228	0.77	0.0958	0.0608	pCi/g	=	
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	Th-228	0.77	0.0958	0.0608	pCi/g	=	
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	Th-232	0.77	0.0958	0.0608	pCi/g	=	
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	U-238	0.886	0.171	0.314	pCi/g	=	
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	Ac-227	-0.0606	0.152	0.253	pCi/g	UJ	T04, T06
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	Am-241	-0.0301	0.0302	0.0481	pCi/g	UJ	T04, T06
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	Cs-137	0.0174	0.0181	0.0295	pCi/g	UJ	T04, T06
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	Pa-231	0.34	0.553	0.96	pCi/g	UJ	T04, T06
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	Th-230	2.6	3	5.05	pCi/g	UJ	T04, T06
CWC275026	CWC006	04/24/24	Gamma Spectroscopy	U-235	0.123	0.177	0.302	pCi/g	UJ	T04, T06
CWC275028	CWC007	04/24/24	Metals	Antimony	1		0.084	mg/kg	=	
CWC275028	CWC007	04/24/24	Metals	Arsenic	5.3		0.17	mg/kg	=	
CWC275028	CWC007	04/24/24	Metals	Barium	110		0.19	mg/kg	=	
CWC275028	CWC007	04/24/24	Metals	Cadmium	1		0.021	mg/kg	=	
CWC275028	CWC007	04/24/24	Metals	Chromium	20		0.4	mg/kg	=	
CWC275028	CWC007	04/24/24	Metals	Molybdenum	1		0.18	mg/kg	=	
CWC275028	CWC007	04/24/24	Metals	Selenium	1.7		0.26	mg/kg	=	
CWC275028	CWC007	04/24/24	Metals	Vanadium	17		0.55	mg/kg	=	
CWC275028	CWC007	04/24/24	Metals	Nickel	14		0.2	mg/kg	=	
CWC275028	CWC007	04/24/24	Metals	Thallium	0.16		0.032	mg/kg	=	
CWC275028	CWC007	04/24/24	Alpha Spectroscopy	Th-228	0.968	0.417	0.317	pCi/g	=	
CWC275028	CWC007	04/24/24	Alpha Spectroscopy	Th-230	3.12	0.798	0.186	pCi/g	J	F01
CWC275028	CWC007	04/24/24	Alpha Spectroscopy	Th-232	0.773	0.362	0.186	pCi/g	=	
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	K-40	11.7	1.56	0.217	pCi/g	=	

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	Ra-226	1.07	0.271	0.0614	pCi/g	=	
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	Ra-228	0.587	0.0788	0.0572	pCi/g	=	
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	Th-228	0.587	0.0788	0.0572	pCi/g	=	
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	Th-232	0.587	0.0788	0.0572	pCi/g	=	
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	U-238	0.771	0.15	0.315	pCi/g	=	
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	Ac-227	0.0857	0.144	0.253	pCi/g	UJ	T04, T06
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	Am-241	-0.00914	0.0291	0.0477	pCi/g	UJ	T04, T06
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	Cs-137	0.0119	0.0148	0.0267	pCi/g	UJ	T04, T06
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	Pa-231	-0.147	0.577	0.96	pCi/g	UJ	T04, T06
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	Th-230	4.46	2.95	4.98	pCi/g	UJ	T04, T05
CWC275028	CWC007	04/24/24	Gamma Spectroscopy	U-235	0.116	0.176	0.3	pCi/g	UJ	T04, T06
CWC275030	CWC008	04/24/24	Metals	Arsenic	5.5		0.14	mg/kg	=	
CWC275030	CWC008	04/24/24	Metals	Barium	130		0.16	mg/kg	=	
CWC275030	CWC008	04/24/24	Metals	Cadmium	0.48		0.017	mg/kg	=	
CWC275030	CWC008	04/24/24	Metals	Chromium	31		0.34	mg/kg	=	
CWC275030	CWC008	04/24/24	Metals	Molybdenum	1.8		0.15	mg/kg	=	
CWC275030	CWC008	04/24/24	Metals	Selenium	1.3		0.22	mg/kg	=	
CWC275030	CWC008	04/24/24	Metals	Vanadium	17		0.47	mg/kg	=	
CWC275030	CWC008	04/24/24	Metals	Nickel	14		0.17	mg/kg	=	
CWC275030	CWC008	04/24/24	Metals	Antimony	0.51		0.073	mg/kg	=	
CWC275030	CWC008	04/24/24	Metals	Thallium	0.14		0.027	mg/kg	=	
CWC275030	CWC008	04/24/24	Alpha Spectroscopy	Th-228	0.608	0.331	0.292	pCi/g	J	T04, T20
CWC275030	CWC008	04/24/24	Alpha Spectroscopy	Th-230	2.53	0.715	0.295	pCi/g	J	F01
CWC275030	CWC008	04/24/24	Alpha Spectroscopy	Th-232	1.04	0.436	0.295	pCi/g	=	
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	K-40	12	1.6	0.234	pCi/g	=	
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	Ra-226	1.14	0.295	0.0612	pCi/g	=	
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	Ra-228	0.626	0.0863	0.058	pCi/g	=	
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	Th-228	0.626	0.0863	0.058	pCi/g	=	
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	Th-232	0.626	0.0863	0.058	pCi/g	=	
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	U-238	0.838	0.161	0.29	pCi/g	=	
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	Ac-227	0.11	0.159	0.276	pCi/g	UJ	T04, T06
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	Am-241	-0.0231	0.0296	0.048	pCi/g	UJ	T04, T06
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	Cs-137	-0.00123	0.0148	0.025	pCi/g	UJ	T04, T06
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	Pa-231	-0.049	0.565	0.949	pCi/g	UJ	T04, T06
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	Th-230	1.73	2.89	4.86	pCi/g	UJ	T04, T06

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275030	CWC008	04/24/24	Gamma Spectroscopy	U-235	0.0196	0.182	0.304	pCi/g	UJ	T04, T06
CWC275032	CWC009	04/23/24	Metals	Antimony	1		0.1	mg/kg	=	
CWC275032	CWC009	04/23/24	Metals	Arsenic	5.9		0.21	mg/kg	=	
CWC275032	CWC009	04/23/24	Metals	Barium	140		0.24	mg/kg	=	
CWC275032	CWC009	04/23/24	Metals	Cadmium	0.57		0.026	mg/kg	=	
CWC275032	CWC009	04/23/24	Metals	Chromium	21		0.5	mg/kg	=	
CWC275032	CWC009	04/23/24	Metals	Molybdenum	1		0.23	mg/kg	=	
CWC275032	CWC009	04/23/24	Metals	Selenium	1.8		0.33	mg/kg	=	
CWC275032	CWC009	04/23/24	Metals	Vanadium	24		0.69	mg/kg	=	
CWC275032	CWC009	04/23/24	Metals	Nickel	17		0.25	mg/kg	=	
CWC275032	CWC009	04/23/24	Metals	Thallium	0.19		0.04	mg/kg	=	
CWC275032	CWC009	04/23/24	Alpha Spectroscopy	Th-228	0.854	0.404	0.352	pCi/g	=	
CWC275032	CWC009	04/23/24	Alpha Spectroscopy	Th-230	3.26	0.841	0.232	pCi/g	J	F01
CWC275032	CWC009	04/23/24	Alpha Spectroscopy	Th-232	0.744	0.372	0.304	pCi/g	J	T04, T20
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	K-40	11.5	1.68	0.443	pCi/g	=	
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	Ra-226	1.07	0.288	0.0884	pCi/g	=	
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	Ra-228	0.744	0.11	0.0871	pCi/g	=	
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	Th-228	0.744	0.11	0.0871	pCi/g	=	
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	Th-232	0.744	0.11	0.0871	pCi/g	=	
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	U-238	0.93	0.266	0.452	pCi/g	=	
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	Ac-227	0.0381	0.242	0.419	pCi/g	UJ	T04, T06
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	Am-241	-0.0135	0.044	0.0721	pCi/g	UJ	T04, T06
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	Cs-137	-0.0113	0.0233	0.0388	pCi/g	UJ	T04, T06
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	Pa-231	-1.37	0.978	1.49	pCi/g	UJ	T04, T06
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	Th-230	2.03	4.5	7.61	pCi/g	UJ	T04, T06
CWC275032	CWC009	04/23/24	Gamma Spectroscopy	U-235	-0.0897	0.281	0.468	pCi/g	UJ	T04, T06
CWC275034	CWC010	04/23/24	Metals	Antimony	0.7		0.077	mg/kg	=	
CWC275034	CWC010	04/23/24	Metals	Arsenic	6.9		0.14	mg/kg	=	
CWC275034	CWC010	04/23/24	Metals	Barium	160		0.17	mg/kg	=	
CWC275034	CWC010	04/23/24	Metals	Cadmium	1.1		0.018	mg/kg	=	
CWC275034	CWC010	04/23/24	Metals	Chromium	51		0.34	mg/kg	=	
CWC275034	CWC010	04/23/24	Metals	Selenium	1.3		0.23	mg/kg	=	
CWC275034	CWC010	04/23/24	Metals	Vanadium	16		0.48	mg/kg	=	
CWC275034	CWC010	04/23/24	Metals	Nickel	17		0.17	mg/kg	=	
CWC275034	CWC010	04/23/24	Metals	Molybdenum	0.48		0.16	mg/kg	=	

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275034	CWC010	04/23/24	Metals	Thallium	0.13		0.027	mg/kg	=	
CWC275034	CWC010	04/23/24	Alpha Spectroscopy	Th-228	0.651	0.372	0.302	pCi/g	J	T04, T20
CWC275034	CWC010	04/23/24	Alpha Spectroscopy	Th-230	2.75	0.821	0.356	pCi/g	J	F01
CWC275034	CWC010	04/23/24	Alpha Spectroscopy	Th-232	0.378	0.278	0.23	pCi/g	J	T04, T20
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	K-40	9.06	1.23	0.211	pCi/g	=	
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	Ra-226	1.14	0.289	0.0569	pCi/g	=	
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	Ra-228	0.53	0.0817	0.0551	pCi/g	=	
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	Th-228	0.53	0.0817	0.0551	pCi/g	=	
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	Th-232	0.53	0.0817	0.0551	pCi/g	=	
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	U-238	0.849	0.146	0.298	pCi/g	=	
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	Ac-227	0.0375	0.146	0.253	pCi/g	UJ	T04, T06
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	Am-241	-0.0113	0.0263	0.043	pCi/g	UJ	T04, T06
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	Cs-137	-0.0151	0.0145	0.0232	pCi/g	UJ	T04, T06
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	Pa-231	-0.0674	0.51	0.86	pCi/g	UJ	T04, T06
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	Th-230	4.25	2.81	4.76	pCi/g	UJ	T04, T05
CWC275034	CWC010	04/23/24	Gamma Spectroscopy	U-235	0.0925	0.162	0.277	pCi/g	UJ	T04, T06
CWC275036	CWC011	04/23/24	Metals	Arsenic	14		0.19	mg/kg	=	
CWC275036	CWC011	04/23/24	Metals	Barium	410		0.22	mg/kg	=	
CWC275036	CWC011	04/23/24	Metals	Cadmium	1.3		0.023	mg/kg	=	
CWC275036	CWC011	04/23/24	Metals	Chromium	70		0.45	mg/kg	=	
CWC275036	CWC011	04/23/24	Metals	Molybdenum	0.96		0.2	mg/kg	=	
CWC275036	CWC011	04/23/24	Metals	Selenium	2.6		0.29	mg/kg	=	
CWC275036	CWC011	04/23/24	Metals	Vanadium	28		0.62	mg/kg	=	
CWC275036	CWC011	04/23/24	Metals	Nickel	23		0.22	mg/kg	=	
CWC275036	CWC011	04/23/24	Metals	Antimony	0.53		0.088	mg/kg	=	
CWC275036	CWC011	04/23/24	Metals	Thallium	0.21		0.036	mg/kg	=	
CWC275036	CWC011	04/23/24	Alpha Spectroscopy	Th-228	1.19	0.511	0.351	pCi/g	=	
CWC275036	CWC011	04/23/24	Alpha Spectroscopy	Th-230	5.2	1.21	0.227	pCi/g	=	
CWC275036	CWC011	04/23/24	Alpha Spectroscopy	Th-232	1.24	0.521	0.351	pCi/g	=	
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	Ac-227	0.13	0.0509	0.125	pCi/g	=	
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	K-40	10.1	1.36	0.258	pCi/g	=	
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	Ra-226	1.56	0.386	0.0656	pCi/g	=	
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	Ra-228	0.739	0.0934	0.0625	pCi/g	=	
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	Th-228	0.739	0.0934	0.0625	pCi/g	=	
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	Th-230	6.94	3.47	5.36	pCi/g	=	

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	Th-232	0.739	0.0934	0.0625	pCi/g	=	
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	U-238	0.831	0.156	0.331	pCi/g	=	
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	Am-241	-0.0441	0.0322	0.051	pCi/g	UJ	T04, T06
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	Cs-137	-0.00415	0.0161	0.0266	pCi/g	UJ	T04, T06
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	Pa-231	0.326	0.607	1.04	pCi/g	UJ	T04, T06
CWC275036	CWC011	04/23/24	Gamma Spectroscopy	U-235	-0.0403	0.191	0.316	pCi/g	UJ	T04, T06
CWC278641	CWC002	10/10/24	Metals	Arsenic	4.4		0.33	mg/kg	=	
CWC278641	CWC002	10/10/24	Metals	Cadmium	0.72		0.041	mg/kg	J	Q02
CWC278641	CWC002	10/10/24	Metals	Chromium	21		0.8	mg/kg	J	Q02
CWC278641	CWC002	10/10/24	Metals	Molybdenum	1.5		0.36	mg/kg	=	
CWC278641	CWC002	10/10/24	Metals	Vanadium	14		1.1	mg/kg	=	
CWC278641	CWC002	10/10/24	Metals	Barium	52		0.39	mg/kg	J	H01, Q02
CWC278641	CWC002	10/10/24	Metals	Nickel	13		0.4	mg/kg	J	H01, H04
CWC278641	CWC002	10/10/24	Metals	Antimony	0.23		0.064	mg/kg	=	
CWC278641	CWC002	10/10/24	Metals	Selenium	0.84		0.52	mg/kg	=	
CWC278641	CWC002	10/10/24	Metals	Thallium	0.064		0.064	mg/kg	U	
CWC278641	CWC002	10/10/24	Alpha Spectroscopy	Th-228	0.237	0.196	0.222	pCi/g	J	T04, T20
CWC278641	CWC002	10/10/24	Alpha Spectroscopy	Th-230	1.25	0.438	0.151	pCi/g	J	F01
CWC278641	CWC002	10/10/24	Alpha Spectroscopy	Th-232	0.333	0.218	0.151	pCi/g	J	T04, T20
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	K-40	9.58	1.26	0.17	pCi/g	=	
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	Ra-226	0.901	0.228	0.0474	pCi/g	=	
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	Ra-228	0.291	0.0425	0.0385	pCi/g	J	F01
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	Th-228	0.291	0.0425	0.0385	pCi/g	J	F01
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	Th-232	0.291	0.0425	0.0385	pCi/g	J	F01
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	U-238	0.758	0.131	0.26	pCi/g	=	
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	Ac-227	0.00344	0.101	0.175	pCi/g	UJ	T04, T06
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	Am-241	0.00439	0.0221	0.0371	pCi/g	UJ	T04, T06
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	Cs-137	-0.00921	0.0102	0.0162	pCi/g	UJ	T04, T06
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	Pa-231	0.0574	0.414	0.712	pCi/g	UJ	T04, T06
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	Th-230	1.78	2.23	3.78	pCi/g	UJ	T04, T06
CWC278641	CWC002	10/10/24	Gamma Spectroscopy	U-235	0.0898	0.138	0.237	pCi/g	UJ	T04, T06
CWC278643	CWC003	10/10/24	Metals	Arsenic	3.5		0.36	mg/kg	=	
CWC278643	CWC003	10/10/24	Metals	Barium	160		0.42	mg/kg	=	
CWC278643	CWC003	10/10/24	Metals	Cadmium	0.57		0.045	mg/kg	=	
CWC278643	CWC003	10/10/24	Metals	Chromium	15		0.88	mg/kg	=	

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278643	CWC003	10/10/24	Metals	Nickel	9		0.44	mg/kg	=	
CWC278643	CWC003	10/10/24	Metals	Vanadium	18		1.2	mg/kg	=	
CWC278643	CWC003	10/10/24	Metals	Antimony	0.2		0.07	mg/kg	=	
CWC278643	CWC003	10/10/24	Metals	Molybdenum	0.61		0.4	mg/kg	=	
CWC278643	CWC003	10/10/24	Metals	Selenium	1.1		0.57	mg/kg	=	
CWC278643	CWC003	10/10/24	Metals	Thallium	0.069		0.069	mg/kg	U	
CWC278643	CWC003	10/10/24	Alpha Spectroscopy	Th-228	0.442	0.242	0.193	pCi/g	J	T04, T20
CWC278643	CWC003	10/10/24	Alpha Spectroscopy	Th-230	1.29	0.419	0.131	pCi/g	J	F01
CWC278643	CWC003	10/10/24	Alpha Spectroscopy	Th-232	0.349	0.208	0.131	pCi/g	J	T04, T20
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	K-40	10.3	1.35	0.159	pCi/g	=	
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	Ra-226	1.05	0.268	0.0437	pCi/g	=	
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	Ra-228	0.37	0.0561	0.0413	pCi/g	=	
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	Th-228	0.37	0.0561	0.0413	pCi/g	=	
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	Th-232	0.37	0.0561	0.0413	pCi/g	=	
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	U-238	0.665	0.12	0.24	pCi/g	=	
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	Ac-227	0.0759	0.113	0.201	pCi/g	UJ	T04, T06
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	Am-241	0.00223	0.0236	0.0392	pCi/g	UJ	T04, T06
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	Cs-137	0.00267	0.0106	0.0185	pCi/g	UJ	T04, T06
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	Pa-231	0.312	0.422	0.742	pCi/g	UJ	T04, T06
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	Th-230	-1.15	2.32	3.81	pCi/g	UJ	T04, T06
CWC278643	CWC003	10/10/24	Gamma Spectroscopy	U-235	0.015	0.144	0.244	pCi/g	UJ	T04, T06
CWC278645	CWC004	10/08/24	Metals	Antimony	0.84		0.099	mg/kg	=	
CWC278645	CWC004	10/08/24	Metals	Arsenic	5.2		0.48	mg/kg	=	
CWC278645	CWC004	10/08/24	Metals	Barium	150		0.55	mg/kg	=	
CWC278645	CWC004	10/08/24	Metals	Cadmium	1.1		0.059	mg/kg	=	
CWC278645	CWC004	10/08/24	Metals	Chromium	25		1.1	mg/kg	=	
CWC278645	CWC004	10/08/24	Metals	Nickel	19		0.57	mg/kg	=	
CWC278645	CWC004	10/08/24	Metals	Vanadium	27		1.6	mg/kg	=	
CWC278645	CWC004	10/08/24	Metals	Molybdenum	1.1		0.52	mg/kg	=	
CWC278645	CWC004	10/08/24	Metals	Selenium	1.6		0.75	mg/kg	=	
CWC278645	CWC004	10/08/24	Metals	Thallium	0.16		0.091	mg/kg	=	
CWC278645	CWC004	10/08/24	Alpha Spectroscopy	Th-228	0.893	0.371	0.238	pCi/g	=	
CWC278645	CWC004	10/08/24	Alpha Spectroscopy	Th-230	4.73	0.972	0.211	pCi/g	=	
CWC278645	CWC004	10/08/24	Alpha Spectroscopy	Th-232	1.31	0.45	0.211	pCi/g	=	
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	Cs-137	0.0528	0.0103	0.0159	pCi/g	=	

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	K-40	13.9	1.8	0.204	pCi/g	=	
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	Ra-226	1.31	0.331	0.0591	pCi/g	=	
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	Ra-228	0.813	0.0969	0.0478	pCi/g	=	
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	Th-228	0.813	0.0969	0.0478	pCi/g	=	
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	Th-232	0.813	0.0969	0.0478	pCi/g	=	
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	U-238	1.09	0.179	0.311	pCi/g	=	
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	Ac-227	-0.134	0.135	0.217	pCi/g	UJ	T04, T06
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	Am-241	0.00517	0.0283	0.0472	pCi/g	UJ	T04, T06
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	Pa-231	-0.379	0.511	0.834	pCi/g	UJ	T04, T06
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	Th-230	2.47	2.93	4.93	pCi/g	UJ	T04, T06
CWC278645	CWC004	10/08/24	Gamma Spectroscopy	U-235	0.154	0.174	0.296	pCi/g	UJ	T04, T06
CWC278647	CWC005	10/08/24	Metals	Arsenic	3.4		0.32	mg/kg	=	
CWC278647	CWC005	10/08/24	Metals	Barium	46		0.38	mg/kg	=	
CWC278647	CWC005	10/08/24	Metals	Cadmium	0.28		0.04	mg/kg	=	
CWC278647	CWC005	10/08/24	Metals	Chromium	6.9		0.78	mg/kg	=	
CWC278647	CWC005	10/08/24	Metals	Molybdenum	4.2		0.35	mg/kg	=	
CWC278647	CWC005	10/08/24	Metals	Nickel	7.3		0.39	mg/kg	=	
CWC278647	CWC005	10/08/24	Metals	Vanadium	8.8		1.1	mg/kg	=	
CWC278647	CWC005	10/08/24	Metals	Antimony	0.22		0.07	mg/kg	=	
CWC278647	CWC005	10/08/24	Metals	Selenium	0.92		0.51	mg/kg	=	
CWC278647	CWC005	10/08/24	Metals	Thallium	0.062		0.062	mg/kg	U	
CWC278647	CWC005	10/08/24	Alpha Spectroscopy	Th-228	1.29	0.461	0.271	pCi/g	=	
CWC278647	CWC005	10/08/24	Alpha Spectroscopy	Th-230	4.02	0.886	0.155	pCi/g	=	
CWC278647	CWC005	10/08/24	Alpha Spectroscopy	Th-232	0.659	0.32	0.218	pCi/g	=	
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	K-40	11.9	1.55	0.212	pCi/g	=	
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	Ra-226	1.09	0.272	0.0485	pCi/g	=	
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	Ra-228	0.546	0.0685	0.0461	pCi/g	=	
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	Th-228	0.546	0.0685	0.0461	pCi/g	=	
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	Th-232	0.546	0.0685	0.0461	pCi/g	=	
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	U-238	0.874	0.149	0.294	pCi/g	=	
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	Ac-227	0.0343	0.122	0.211	pCi/g	UJ	T04, T06
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	Am-241	-0.00799	0.0261	0.043	pCi/g	UJ	T04, T06
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	Cs-137	0.00484	0.0115	0.0198	pCi/g	UJ	T04, T06
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	Pa-231	-0.398	0.485	0.786	pCi/g	UJ	T04, T06
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	Th-230	2.14	2.03	3.29	pCi/g	UJ	T04, T05

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278647	CWC005	10/08/24	Gamma Spectroscopy	U-235	0.0953	0.167	0.283	pCi/g	UJ	T04, T06
CWC278649	CWC006	10/08/24	Metals	Antimony	2.2		0.076	mg/kg	=	
CWC278649	CWC006	10/08/24	Metals	Arsenic	12		0.33	mg/kg	=	
CWC278649	CWC006	10/08/24	Metals	Barium	190		0.39	mg/kg	=	
CWC278649	CWC006	10/08/24	Metals	Cadmium	0.75		0.041	mg/kg	=	
CWC278649	CWC006	10/08/24	Metals	Chromium	54		0.8	mg/kg	=	
CWC278649	CWC006	10/08/24	Metals	Molybdenum	5.5		0.36	mg/kg	=	
CWC278649	CWC006	10/08/24	Metals	Nickel	30		0.4	mg/kg	=	
CWC278649	CWC006	10/08/24	Metals	Vanadium	22		1.1	mg/kg	=	
CWC278649	CWC006	10/08/24	Metals	Selenium	1.2		0.52	mg/kg	=	
CWC278649	CWC006	10/08/24	Metals	Thallium	0.11		0.063	mg/kg	=	
CWC278649	CWC006	10/08/24	Alpha Spectroscopy	Th-228	0.844	0.334	0.163	pCi/g	=	
CWC278649	CWC006	10/08/24	Alpha Spectroscopy	Th-230	2.54	0.623	0.15	pCi/g	=	
CWC278649	CWC006	10/08/24	Alpha Spectroscopy	Th-232	0.385	0.226	0.186	pCi/g	J	T04, T20
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	K-40	11.6	1.51	0.173	pCi/g	=	
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	Ra-226	1.29	0.327	0.0489	pCi/g	=	
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	Ra-228	0.465	0.0606	0.0452	pCi/g	=	
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	Th-228	0.465	0.0606	0.0452	pCi/g	=	
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	Th-232	0.465	0.0606	0.0452	pCi/g	=	
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	U-238	0.795	0.138	0.273	pCi/g	=	
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	Ac-227	-0.0609	0.118	0.195	pCi/g	UJ	T04, T06
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	Am-241	-0.0121	0.0259	0.0424	pCi/g	UJ	T04, T06
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	Cs-137	0.00438	0.0121	0.0206	pCi/g	UJ	T04, T06
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	Pa-231	-0.0292	0.468	0.794	pCi/g	UJ	T04, T06
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	Th-230	-0.269	2.59	4.29	pCi/g	UJ	T04, T06
CWC278649	CWC006	10/08/24	Gamma Spectroscopy	U-235	-0.0437	0.161	0.268	pCi/g	UJ	T04, T06
CWC278651	CWC007	10/07/24	Metals	Antimony	0.72		0.078	mg/kg	=	
CWC278651	CWC007	10/07/24	Metals	Arsenic	5.9		0.38	mg/kg	=	
CWC278651	CWC007	10/07/24	Metals	Barium	120		0.44	mg/kg	=	
CWC278651	CWC007	10/07/24	Metals	Cadmium	0.49		0.048	mg/kg	=	
CWC278651	CWC007	10/07/24	Metals	Chromium	28		0.92	mg/kg	=	
CWC278651	CWC007	10/07/24	Metals	Nickel	19		0.46	mg/kg	=	
CWC278651	CWC007	10/07/24	Metals	Vanadium	21		1.3	mg/kg	=	
CWC278651	CWC007	10/07/24	Metals	Molybdenum	1.3		0.42	mg/kg	=	
CWC278651	CWC007	10/07/24	Metals	Selenium	1.5		0.6	mg/kg	=	
CWC278651	CWC007	10/07/24	Metals	Thallium	0.11		0.073	mg/kg	=	

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278651	CWC007	10/07/24	Alpha Spectroscopy	Th-228	0.73	0.363	0.209	pCi/g	=	
CWC278651	CWC007	10/07/24	Alpha Spectroscopy	Th-230	2.47	0.713	0.209	pCi/g	=	
CWC278651	CWC007	10/07/24	Alpha Spectroscopy	Th-232	0.861	0.394	0.184	pCi/g	=	
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	K-40	10.3	1.36	0.184	pCi/g	=	
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	Ra-226	1.11	0.277	0.0495	pCi/g	=	
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	Ra-228	0.482	0.062	0.0435	pCi/g	=	
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	Th-228	0.482	0.062	0.0435	pCi/g	=	
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	Th-232	0.482	0.062	0.0435	pCi/g	=	
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	U-238	0.708	0.129	0.28	pCi/g	=	
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	Ac-227	-0.0255	0.12	0.202	pCi/g	UJ	T04, T06
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	Am-241	-0.00826	0.0246	0.0406	pCi/g	UJ	T04, T06
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	Cs-137	-0.000832	0.0107	0.0183	pCi/g	UJ	T04, T06
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	Pa-231	-0.153	0.454	0.753	pCi/g	UJ	T04, T06
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	Th-230	1.63	2.52	4.25	pCi/g	UJ	T04, T06
CWC278651	CWC007	10/07/24	Gamma Spectroscopy	U-235	0.0293	0.154	0.261	pCi/g	UJ	T04, T06
CWC278653	CWC008	10/07/24	Metals	Antimony	0.72		0.07	mg/kg	=	
CWC278653	CWC008	10/07/24	Metals	Arsenic	5.8		0.37	mg/kg	=	
CWC278653	CWC008	10/07/24	Metals	Barium	180		0.43	mg/kg	=	
CWC278653	CWC008	10/07/24	Metals	Cadmium	0.52		0.046	mg/kg	=	
CWC278653	CWC008	10/07/24	Metals	Chromium	42		0.89	mg/kg	=	
CWC278653	CWC008	10/07/24	Metals	Molybdenum	1.6		0.4	mg/kg	=	
CWC278653	CWC008	10/07/24	Metals	Nickel	25		0.44	mg/kg	=	
CWC278653	CWC008	10/07/24	Metals	Vanadium	22		1.2	mg/kg	=	
CWC278653	CWC008	10/07/24	Metals	Selenium	1.4		0.58	mg/kg	=	
CWC278653	CWC008	10/07/24	Metals	Thallium	0.12		0.071	mg/kg	=	
CWC278653	CWC008	10/07/24	Alpha Spectroscopy	Th-228	0.662	0.326	0.26	pCi/g	=	
CWC278653	CWC008	10/07/24	Alpha Spectroscopy	Th-230	2.5	0.657	0.153	pCi/g	=	
CWC278653	CWC008	10/07/24	Alpha Spectroscopy	Th-232	1.12	0.415	0.173	pCi/g	=	
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	K-40	12	1.56	0.22	pCi/g	=	
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	Ra-226	1.19	0.297	0.0516	pCi/g	=	
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	Ra-228	0.596	0.0746	0.0497	pCi/g	=	
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	Th-228	0.596	0.0746	0.0497	pCi/g	=	
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	Th-232	0.596	0.0746	0.0497	pCi/g	=	
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	U-238	0.745	0.137	0.277	pCi/g	=	
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	Ac-227	0.0897	0.125	0.221	pCi/g	UJ	T04, T06
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	Am-241	-0.00928	0.0276	0.0454	pCi/g	UJ	T04, T06
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	Cs-137	-0.000262	0.0112	0.0193	pCi/g	UJ	T04, T06

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	Pa-231	0.0807	0.485	0.829	pCi/g	UJ	T04, T06
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	Th-230	1.74	2.66	4.47	pCi/g	UJ	T04, T06
CWC278653	CWC008	10/07/24	Gamma Spectroscopy	U-235	0.135	0.162	0.276	pCi/g	UJ	T04, T06
CWC278655	CWC009	10/08/24	Metals	Antimony	1.2		0.098	mg/kg	=	
CWC278655	CWC009	10/08/24	Metals	Arsenic	6.7		0.51	mg/kg	=	
CWC278655	CWC009	10/08/24	Metals	Barium	200		0.59	mg/kg	=	
CWC278655	CWC009	10/08/24	Metals	Cadmium	0.63		0.063	mg/kg	=	
CWC278655	CWC009	10/08/24	Metals	Chromium	31		1.2	mg/kg	=	
CWC278655	CWC009	10/08/24	Metals	Nickel	22		0.61	mg/kg	=	
CWC278655	CWC009	10/08/24	Metals	Selenium	2.1		0.8	mg/kg	=	
CWC278655	CWC009	10/08/24	Metals	Vanadium	30		1.7	mg/kg	=	
CWC278655	CWC009	10/08/24	Metals	Molybdenum	1.4		0.55	mg/kg	=	
CWC278655	CWC009	10/08/24	Metals	Thallium	0.18		0.097	mg/kg	=	
CWC278655	CWC009	10/08/24	Alpha Spectroscopy	Th-228	1.13	0.429	0.163	pCi/g	=	
CWC278655	CWC009	10/08/24	Alpha Spectroscopy	Th-230	3.25	0.792	0.163	pCi/g	=	
CWC278655	CWC009	10/08/24	Alpha Spectroscopy	Th-232	0.573	0.301	0.185	pCi/g	J	T04, T20
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	K-40	12.7	1.75	0.373	pCi/g	=	
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	Ra-226	1.12	0.297	0.0813	pCi/g	=	
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	Ra-228	0.819	0.119	0.0751	pCi/g	=	
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	Th-228	0.819	0.119	0.0751	pCi/g	=	
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	Th-232	0.819	0.119	0.0751	pCi/g	=	
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	U-238	0.906	0.18	0.416	pCi/g	=	
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	Ac-227	0.167	0.209	0.379	pCi/g	UJ	T04, T06
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	Am-241	-0.0366	0.0385	0.0621	pCi/g	UJ	T04, T06
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	Cs-137	0.0186	0.0179	0.0341	pCi/g	UJ	T04, T05
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	Pa-231	-0.09	0.805	1.37	pCi/g	UJ	T04, T06
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	Th-230	6.29	3.93	6.78	pCi/g	UJ	T04, T05
CWC278655	CWC009	10/08/24	Gamma Spectroscopy	U-235	0.119	0.254	0.439	pCi/g	UJ	T04, T06
CWC278657	CWC010	10/07/24	Metals	Arsenic	12		0.33	mg/kg	=	
CWC278657	CWC010	10/07/24	Metals	Barium	480		0.38	mg/kg	=	
CWC278657	CWC010	10/07/24	Metals	Cadmium	1.2		0.041	mg/kg	=	
CWC278657	CWC010	10/07/24	Metals	Chromium	28		0.79	mg/kg	=	
CWC278657	CWC010	10/07/24	Metals	Nickel	23		0.39	mg/kg	=	
CWC278657	CWC010	10/07/24	Metals	Selenium	1.5		0.52	mg/kg	=	
CWC278657	CWC010	10/07/24	Metals	Vanadium	24		1.1	mg/kg	=	
CWC278657	CWC010	10/07/24	Metals	Antimony	0.45		0.073	mg/kg	=	
CWC278657	CWC010	10/07/24	Metals	Molybdenum	0.81		0.36	mg/kg	=	

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278657	CWC010	10/07/24	Metals	Thallium	0.15		0.062	mg/kg	=	
CWC278657	CWC010	10/07/24	Alpha Spectroscopy	Th-228	0.597	0.305	0.181	pCi/g	J	T04, T20
CWC278657	CWC010	10/07/24	Alpha Spectroscopy	Th-230	1.79	0.557	0.226	pCi/g	J	F01
CWC278657	CWC010	10/07/24	Alpha Spectroscopy	Th-232	0.322	0.23	0.225	pCi/g	J	T04, T20
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	K-40	8.58	1.14	0.182	pCi/g	=	
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	Ra-226	1.02	0.258	0.0428	pCi/g	=	
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	Ra-228	0.352	0.0497	0.0429	pCi/g	=	
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	Th-228	0.352	0.0497	0.0429	pCi/g	=	
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	Th-232	0.352	0.0497	0.0429	pCi/g	=	
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	U-238	0.578	0.11	0.251	pCi/g	=	
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	Ac-227	0.0329	0.117	0.204	pCi/g	UJ	T04, T06
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	Am-241	-0.0107	0.0233	0.0382	pCi/g	UJ	T04, T06
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	Cs-137	-0.00705	0.0104	0.0163	pCi/g	UJ	T04, T06
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	Pa-231	-0.0659	0.423	0.714	pCi/g	UJ	T04, T06
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	Th-230	-0.284	2.35	3.91	pCi/g	UJ	T04, T06
CWC278657	CWC010	10/07/24	Gamma Spectroscopy	U-235	0.0356	0.145	0.247	pCi/g	UJ	T04, T06
CWC278659	CWC011	10/07/24	Metals	Antimony	4.3		0.08	mg/kg	=	
CWC278659	CWC011	10/07/24	Metals	Arsenic	13		0.39	mg/kg	=	
CWC278659	CWC011	10/07/24	Metals	Barium	310		0.45	mg/kg	=	
CWC278659	CWC011	10/07/24	Metals	Cadmium	1.2		0.048	mg/kg	=	
CWC278659	CWC011	10/07/24	Metals	Chromium	100		0.93	mg/kg	=	
CWC278659	CWC011	10/07/24	Metals	Nickel	27		0.47	mg/kg	=	
CWC278659	CWC011	10/07/24	Metals	Selenium	3.4		0.61	mg/kg	=	
CWC278659	CWC011	10/07/24	Metals	Vanadium	34		1.3	mg/kg	=	
CWC278659	CWC011	10/07/24	Metals	Molybdenum	0.92		0.42	mg/kg	=	
CWC278659	CWC011	10/07/24	Metals	Thallium	0.22		0.074	mg/kg	=	
CWC278659	CWC011	10/07/24	Alpha Spectroscopy	Th-228	1.35	0.483	0.235	pCi/g	=	
CWC278659	CWC011	10/07/24	Alpha Spectroscopy	Th-230	5.2	1.08	0.235	pCi/g	=	
CWC278659	CWC011	10/07/24	Alpha Spectroscopy	Th-232	0.934	0.397	0.235	pCi/g	=	
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	K-40	12.4	1.62	0.211	pCi/g	=	
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	Ra-226	1.53	0.385	0.0561	pCi/g	=	
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	Ra-228	0.76	0.0929	0.0525	pCi/g	=	
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	Th-228	0.76	0.0929	0.0525	pCi/g	=	
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	Th-230	8.86	3.21	4.71	pCi/g	=	
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	Th-232	0.76	0.0929	0.0525	pCi/g	=	
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	U-238	0.987	0.164	0.304	pCi/g	=	
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	Ac-227	-0.0245	0.15	0.249	pCi/g	UJ	T04, T06

Table E-2. CWC Sediment Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	Am-241	0.0125	0.0301	0.0503	pCi/g	UJ	T04, T06
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	Cs-137	0.0129	0.0132	0.0236	pCi/g	UJ	T04, T06
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	Pa-231	-0.291	0.528	0.871	pCi/g	UJ	T04, T06
CWC278659	CWC011	10/07/24	Gamma Spectroscopy	U-235	0.126	0.186	0.316	pCi/g	UJ	T04, T06

VQs

= - Indicates that the data met all QA/QC requirements, and that the parameter has been positively identified and the associated concentration value is accurate.

J - Indicates that the parameter was positively identified; the associated numerical value is the approximate concentration of the parameter in the sample.

U - Indicates that the data met all QA/QC requirements, and that the parameter was analyzed for but was not detected above the reported sample quantitation limit.

UJ - Indicates that the parameter was not detected above the reported sample quantitation limit and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. However, the reported quantitation limit is approximate.

Validation Reason Codes:

F01 - Blanks: Sample data were qualified as a result of the method blank.

H01 - Matrix spike/matrix spike duplicate recovery was above the upper control limit.

H02 - Matrix spike/matrix spike duplicate recovery was below the lower control limit.

H04 - Matrix spike/matrix spike duplicate pairs exceed the RPD limit.

Q02 - Radiological field duplicate NAD was outside the control limit.

T04 - Radionuclide Quantitation: Professional judgment was used to qualify the data.

T05 - Radionuclide Quantitation: Analytical result is less than the associated MDA, but greater than the counting uncertainty.

T06 - Radionuclide Quantitation: Analytical result is less than both the associated counting uncertainty and MDA.

T20 - Radionuclide Quantitation: Analytical result is greater than the associated MDA, with uncertainty 50 percent to 100 percent of the result.

Table E-3. CWC Daily Surface Water Data for CY 2024

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273170	CWCHSD-A	01/02/24	Metals	Barium	92		0.69	µg/L	=	
CWC273170	CWCHSD-A	01/02/24	Metals	Molybdenum	9.9		2	µg/L	=	
CWC273170	CWCHSD-A	01/02/24	Metals	Antimony	0.55		0.29	µg/L	=	
CWC273170	CWCHSD-A	01/02/24	Metals	Arsenic	1.6		1.6	µg/L	=	
CWC273170	CWCHSD-A	01/02/24	Metals	Selenium	1.4		0.67	µg/L	=	
CWC273170	CWCHSD-A	01/02/24	Metals	Chromium	2.6		1.3	µg/L	J	F01
CWC273170	CWCHSD-A	01/02/24	Metals	Nickel	2.2		0.89	µg/L	J	F01
CWC273170	CWCHSD-A	01/02/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273170	CWCHSD-A	01/02/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273170	CWCHSD-A	01/02/24	Metals	Vanadium	4		4	µg/L	U	
CWC273170	CWCHSD-A	01/02/24	Alpha Spectroscopy	Th-230	0.576	0.458	0.453	pCi/L	J	T04, T20
CWC273170	CWCHSD-A	01/02/24	Alpha Spectroscopy	Th-228	0.107	0.252	0.615	pCi/L	UJ	T06
CWC273170	CWCHSD-A	01/02/24	Alpha Spectroscopy	Th-232	0.0852	0.241	0.627	pCi/L	UJ	T06
CWC273170	CWCHSD-A	01/02/24	Alpha Spectroscopy	Ra-226	-0.164	0.218	0.877	pCi/L	UJ	T06
CWC273170	CWCHSD-A	01/02/24	Alpha Spectroscopy	U-234	0.336	0.331	0.494	pCi/L	UJ	T04, T05
CWC273170	CWCHSD-A	01/02/24	Alpha Spectroscopy	U-235	-0.0207	0.171	0.44	pCi/L	UJ	T06
CWC273170	CWCHSD-A	01/02/24	Alpha Spectroscopy	U-238	0.234	0.272	0.427	pCi/L	UJ	T06
CWC273171	CWCHSD-A	01/03/24	Metals	Barium	92		0.69	µg/L	=	
CWC273171	CWCHSD-A	01/03/24	Metals	Molybdenum	9.9		2	µg/L	=	
CWC273171	CWCHSD-A	01/03/24	Metals	Antimony	0.43		0.29	µg/L	=	
CWC273171	CWCHSD-A	01/03/24	Metals	Arsenic	1.7		1.6	µg/L	=	
CWC273171	CWCHSD-A	01/03/24	Metals	Selenium	1.2		0.67	µg/L	=	
CWC273171	CWCHSD-A	01/03/24	Metals	Chromium	2.7		1.3	µg/L	J	F01
CWC273171	CWCHSD-A	01/03/24	Metals	Nickel	2.1		0.89	µg/L	J	F01
CWC273171	CWCHSD-A	01/03/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273171	CWCHSD-A	01/03/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273171	CWCHSD-A	01/03/24	Metals	Vanadium	4		4	µg/L	U	
CWC273171	CWCHSD-A	01/03/24	Alpha Spectroscopy	Th-230	0.966	0.591	0.593	pCi/L	J	T04, T20
CWC273171	CWCHSD-A	01/03/24	Alpha Spectroscopy	U-238	0.549	0.361	0.299	pCi/L	J	T04, T20
CWC273171	CWCHSD-A	01/03/24	Alpha Spectroscopy	Th-228	0.362	0.366	0.514	pCi/L	UJ	T06
CWC273171	CWCHSD-A	01/03/24	Alpha Spectroscopy	Th-232	-0.0201	0.166	0.427	pCi/L	UJ	T06
CWC273171	CWCHSD-A	01/03/24	Alpha Spectroscopy	Ra-226	-0.199	0.23	0.937	pCi/L	UJ	T06
CWC273171	CWCHSD-A	01/03/24	Alpha Spectroscopy	U-234	0.34	0.306	0.448	pCi/L	UJ	T04, T05

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273171	CWCHSD-A	01/03/24	Alpha Spectroscopy	U-235	0.209	0.28	0.514	pCi/L	UJ	T06
CWC273172	CWCHSD-A	01/04/24	Metals	Barium	98		0.69	µg/L	=	
CWC273172	CWCHSD-A	01/04/24	Metals	Molybdenum	9.6		2	µg/L	=	
CWC273172	CWCHSD-A	01/04/24	Metals	Antimony	0.37		0.29	µg/L	=	
CWC273172	CWCHSD-A	01/04/24	Metals	Arsenic	1.7		1.6	µg/L	=	
CWC273172	CWCHSD-A	01/04/24	Metals	Selenium	1.2		0.67	µg/L	=	
CWC273172	CWCHSD-A	01/04/24	Metals	Chromium	6.6		1.3	µg/L	J	F01
CWC273172	CWCHSD-A	01/04/24	Metals	Nickel	2.4		0.89	µg/L	J	F01
CWC273172	CWCHSD-A	01/04/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273172	CWCHSD-A	01/04/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273172	CWCHSD-A	01/04/24	Metals	Vanadium	4		4	µg/L	U	
CWC273172	CWCHSD-A	01/04/24	Alpha Spectroscopy	U-234	0.636	0.457	0.559	pCi/L	J	T04, T20
CWC273172	CWCHSD-A	01/04/24	Alpha Spectroscopy	U-238	0.528	0.405	0.449	pCi/L	J	T04, T20
CWC273172	CWCHSD-A	01/04/24	Alpha Spectroscopy	Th-228	0.198	0.376	0.866	pCi/L	UJ	T06
CWC273172	CWCHSD-A	01/04/24	Alpha Spectroscopy	Th-230	0.476	0.431	0.627	pCi/L	UJ	T04, T05
CWC273172	CWCHSD-A	01/04/24	Alpha Spectroscopy	Th-232	-0.0198	0.163	0.42	pCi/L	UJ	T06
CWC273172	CWCHSD-A	01/04/24	Alpha Spectroscopy	Ra-226	0.275	0.322	0.577	pCi/L	UJ	T06
CWC273172	CWCHSD-A	01/04/24	Alpha Spectroscopy	U-235	0.0436	0.185	0.557	pCi/L	UJ	T06
CWC273173	CWCHSD-A	01/31/24	Metals	Barium	130		0.69	µg/L	=	
CWC273173	CWCHSD-A	01/31/24	Metals	Molybdenum	8.2		2	µg/L	=	
CWC273173	CWCHSD-A	01/31/24	Metals	Antimony	0.37		0.29	µg/L	=	
CWC273173	CWCHSD-A	01/31/24	Metals	Arsenic	1.8		1.6	µg/L	=	
CWC273173	CWCHSD-A	01/31/24	Metals	Nickel	2.7		0.89	µg/L	=	
CWC273173	CWCHSD-A	01/31/24	Metals	Selenium	2		0.67	µg/L	=	
CWC273173	CWCHSD-A	01/31/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273173	CWCHSD-A	01/31/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC273173	CWCHSD-A	01/31/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273173	CWCHSD-A	01/31/24	Metals	Vanadium	4		4	µg/L	U	
CWC273173	CWCHSD-A	01/31/24	Alpha Spectroscopy	Th-230	0.669	0.449	0.492	pCi/L	J	F01, T04, T20
CWC273173	CWCHSD-A	01/31/24	Alpha Spectroscopy	U-234	0.538	0.374	0.327	pCi/L	J	T04, T20
CWC273173	CWCHSD-A	01/31/24	Alpha Spectroscopy	U-238	0.781	0.449	0.325	pCi/L	J	T04, T20
CWC273173	CWCHSD-A	01/31/24	Alpha Spectroscopy	Th-228	0.117	0.192	0.355	pCi/L	UJ	T06
CWC273173	CWCHSD-A	01/31/24	Alpha Spectroscopy	Th-232	0.0668	0.189	0.491	pCi/L	UJ	T06
CWC273173	CWCHSD-A	01/31/24	Alpha Spectroscopy	Ra-226	-0.0373	0.198	0.723	pCi/L	UJ	T06
CWC273173	CWCHSD-A	01/31/24	Alpha Spectroscopy	U-235	0.152	0.263	0.559	pCi/L	UJ	T06

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273174	CWCHSD-A	02/01/24	Metals	Barium	130		0.69	µg/L	=	
CWC273174	CWCHSD-A	02/01/24	Metals	Molybdenum	6.9		2	µg/L	=	
CWC273174	CWCHSD-A	02/01/24	Metals	Antimony	0.32		0.29	µg/L	=	
CWC273174	CWCHSD-A	02/01/24	Metals	Arsenic	1.9		1.6	µg/L	=	
CWC273174	CWCHSD-A	02/01/24	Metals	Nickel	2.4		0.89	µg/L	=	
CWC273174	CWCHSD-A	02/01/24	Metals	Selenium	1.8		0.67	µg/L	=	
CWC273174	CWCHSD-A	02/01/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273174	CWCHSD-A	02/01/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC273174	CWCHSD-A	02/01/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273174	CWCHSD-A	02/01/24	Metals	Vanadium	4		4	µg/L	U	
CWC273174	CWCHSD-A	02/01/24	Alpha Spectroscopy	U-234	0.819	0.471	0.341	pCi/L	J	T04, T20
CWC273174	CWCHSD-A	02/01/24	Alpha Spectroscopy	U-238	0.576	0.409	0.471	pCi/L	J	T04, T20
CWC273174	CWCHSD-A	02/01/24	Alpha Spectroscopy	Th-228	0.361	0.345	0.404	pCi/L	UJ	T04, T05
CWC273174	CWCHSD-A	02/01/24	Alpha Spectroscopy	Th-230	0.533	0.435	0.561	pCi/L	UJ	T04, T05
CWC273174	CWCHSD-A	02/01/24	Alpha Spectroscopy	Th-232	-0.019	0.157	0.404	pCi/L	UJ	T06
CWC273174	CWCHSD-A	02/01/24	Alpha Spectroscopy	Ra-226	0.104	0.208	0.466	pCi/L	UJ	T06
CWC273174	CWCHSD-A	02/01/24	Alpha Spectroscopy	U-235	0.0595	0.164	0.421	pCi/L	UJ	T06
CWC273175	CWCHSD-A	02/02/24	Metals	Barium	130		0.69	µg/L	=	
CWC273175	CWCHSD-A	02/02/24	Metals	Molybdenum	7.2		2	µg/L	=	
CWC273175	CWCHSD-A	02/02/24	Metals	Antimony	0.29		0.29	µg/L	=	
CWC273175	CWCHSD-A	02/02/24	Metals	Arsenic	1.7		1.6	µg/L	=	
CWC273175	CWCHSD-A	02/02/24	Metals	Nickel	3		0.89	µg/L	=	
CWC273175	CWCHSD-A	02/02/24	Metals	Selenium	1.7		0.67	µg/L	=	
CWC273175	CWCHSD-A	02/02/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273175	CWCHSD-A	02/02/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC273175	CWCHSD-A	02/02/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273175	CWCHSD-A	02/02/24	Metals	Vanadium	4		4	µg/L	U	
CWC273175	CWCHSD-A	02/02/24	Alpha Spectroscopy	Th-230	0.59	0.4	0.397	pCi/L	J	F01, T04, T20
CWC273175	CWCHSD-A	02/02/24	Alpha Spectroscopy	U-234	0.838	0.586	0.653	pCi/L	J	T04, T20
CWC273175	CWCHSD-A	02/02/24	Alpha Spectroscopy	U-238	0.992	0.634	0.664	pCi/L	J	T04, T20
CWC273175	CWCHSD-A	02/02/24	Alpha Spectroscopy	Th-228	0.372	0.336	0.491	pCi/L	UJ	T04, T05
CWC273175	CWCHSD-A	02/02/24	Alpha Spectroscopy	Th-232	0.124	0.215	0.456	pCi/L	UJ	T06
CWC273175	CWCHSD-A	02/02/24	Alpha Spectroscopy	Ra-226	0.239	0.328	0.662	pCi/L	UJ	T06
CWC273175	CWCHSD-A	02/02/24	Alpha Spectroscopy	U-235	0	0.316	0.822	pCi/L	UJ	T06
CWC273176	CWCHSD-A	01/05/24	Metals	Barium	110		0.69	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273176	CWCHSD-A	01/05/24	Metals	Molybdenum	9.9		2	µg/L	=	
CWC273176	CWCHSD-A	01/05/24	Metals	Antimony	0.47		0.29	µg/L	=	
CWC273176	CWCHSD-A	01/05/24	Metals	Arsenic	2.5		1.6	µg/L	=	
CWC273176	CWCHSD-A	01/05/24	Metals	Cadmium	0.21		0.06	µg/L	=	
CWC273176	CWCHSD-A	01/05/24	Metals	Nickel	2.7		0.89	µg/L	=	
CWC273176	CWCHSD-A	01/05/24	Metals	Selenium	1.6		0.67	µg/L	=	
CWC273176	CWCHSD-A	01/05/24	Metals	Chromium	1.9		1.3	µg/L	J	F01
CWC273176	CWCHSD-A	01/05/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273176	CWCHSD-A	01/05/24	Metals	Vanadium	4		4	µg/L	U	
CWC273176	CWCHSD-A	01/05/24	Alpha Spectroscopy	U-234	0.855	0.521	0.525	pCi/L	J	T04, T20
CWC273176	CWCHSD-A	01/05/24	Alpha Spectroscopy	Th-228	0.885	0.842	1.31	pCi/L	UJ	T04, T05
CWC273176	CWCHSD-A	01/05/24	Alpha Spectroscopy	Th-230	0.0771	0.327	0.984	pCi/L	UJ	T06
CWC273176	CWCHSD-A	01/05/24	Alpha Spectroscopy	Th-232	0.154	0.436	1.13	pCi/L	UJ	T06
CWC273176	CWCHSD-A	01/05/24	Alpha Spectroscopy	Ra-226	0	0.168	0.577	pCi/L	UJ	T06
CWC273176	CWCHSD-A	01/05/24	Alpha Spectroscopy	U-235	-0.022	0.181	0.467	pCi/L	UJ	T06
CWC273176	CWCHSD-A	01/05/24	Alpha Spectroscopy	U-238	0.426	0.378	0.522	pCi/L	UJ	T04, T05
CWC273177	CWCHSD-A	02/05/24	Metals	Barium	140		0.69	µg/L	=	
CWC273177	CWCHSD-A	02/05/24	Metals	Molybdenum	5.6		2	µg/L	=	
CWC273177	CWCHSD-A	02/05/24	Metals	Arsenic	2.1		1.6	µg/L	=	
CWC273177	CWCHSD-A	02/05/24	Metals	Nickel	2.5		0.89	µg/L	=	
CWC273177	CWCHSD-A	02/05/24	Metals	Selenium	1.1		0.67	µg/L	=	
CWC273177	CWCHSD-A	02/05/24	Metals	Antimony	0.29		0.29	µg/L	U	
CWC273177	CWCHSD-A	02/05/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273177	CWCHSD-A	02/05/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC273177	CWCHSD-A	02/05/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273177	CWCHSD-A	02/05/24	Metals	Vanadium	4		4	µg/L	U	
CWC273177	CWCHSD-A	02/05/24	Alpha Spectroscopy	Th-230	0.776	0.477	0.431	pCi/L	J	F01, T04, T20
CWC273177	CWCHSD-A	02/05/24	Alpha Spectroscopy	U-238	1	0.642	0.671	pCi/L	J	T04, T20
CWC273177	CWCHSD-A	02/05/24	Alpha Spectroscopy	Th-228	0.573	0.464	0.737	pCi/L	UJ	T04, T05
CWC273177	CWCHSD-A	02/05/24	Alpha Spectroscopy	Th-232	0.0674	0.191	0.496	pCi/L	UJ	T06
CWC273177	CWCHSD-A	02/05/24	Alpha Spectroscopy	Ra-226	0.343	0.35	0.577	pCi/L	UJ	T06
CWC273177	CWCHSD-A	02/05/24	Alpha Spectroscopy	U-234	0.137	0.268	0.585	pCi/L	UJ	T06
CWC273177	CWCHSD-A	02/05/24	Alpha Spectroscopy	U-235	0.113	0.32	0.832	pCi/L	UJ	T06
CWC273178	CWCHSD-A	02/06/24	Metals	Barium	120		0.69	µg/L	=	
CWC273178	CWCHSD-A	02/06/24	Metals	Molybdenum	5.3		2	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273178	CWCHSD-A	02/06/24	Metals	Arsenic	2.3		1.6	µg/L	=	
CWC273178	CWCHSD-A	02/06/24	Metals	Nickel	2.5		0.89	µg/L	=	
CWC273178	CWCHSD-A	02/06/24	Metals	Selenium	0.97		0.67	µg/L	=	
CWC273178	CWCHSD-A	02/06/24	Metals	Antimony	0.29		0.29	µg/L	U	
CWC273178	CWCHSD-A	02/06/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273178	CWCHSD-A	02/06/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC273178	CWCHSD-A	02/06/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273178	CWCHSD-A	02/06/24	Metals	Vanadium	4		4	µg/L	U	
CWC273178	CWCHSD-A	02/06/24	Alpha Spectroscopy	Th-230	1.37	0.604	0.389	pCi/L	J	F01
CWC273178	CWCHSD-A	02/06/24	Alpha Spectroscopy	U-234	0.873	0.548	0.431	pCi/L	J	T04, T20
CWC273178	CWCHSD-A	02/06/24	Alpha Spectroscopy	Th-228	0.259	0.31	0.584	pCi/L	UJ	T06
CWC273178	CWCHSD-A	02/06/24	Alpha Spectroscopy	Th-232	0.122	0.211	0.448	pCi/L	UJ	T06
CWC273178	CWCHSD-A	02/06/24	Alpha Spectroscopy	Ra-226	0.428	0.355	0.444	pCi/L	UJ	T04, T05
CWC273178	CWCHSD-A	02/06/24	Alpha Spectroscopy	U-235	0	0.283	0.737	pCi/L	UJ	T06
CWC273178	CWCHSD-A	02/06/24	Alpha Spectroscopy	U-238	0.404	0.398	0.595	pCi/L	UJ	T04, T05
CWC273179	CWCHSD-A	02/07/24	Metals	Barium	120		0.69	µg/L	=	
CWC273179	CWCHSD-A	02/07/24	Metals	Molybdenum	5.2		2	µg/L	=	
CWC273179	CWCHSD-A	02/07/24	Metals	Arsenic	1.9		1.6	µg/L	=	
CWC273179	CWCHSD-A	02/07/24	Metals	Nickel	3		0.89	µg/L	=	
CWC273179	CWCHSD-A	02/07/24	Metals	Selenium	1.4		0.67	µg/L	=	
CWC273179	CWCHSD-A	02/07/24	Metals	Antimony	0.29		0.29	µg/L	U	
CWC273179	CWCHSD-A	02/07/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273179	CWCHSD-A	02/07/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC273179	CWCHSD-A	02/07/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273179	CWCHSD-A	02/07/24	Metals	Vanadium	4		4	µg/L	U	
CWC273179	CWCHSD-A	02/07/24	Alpha Spectroscopy	Th-228	0.93	0.545	0.526	pCi/L	J	T04, T20
CWC273179	CWCHSD-A	02/07/24	Alpha Spectroscopy	Th-230	1.76	0.745	0.477	pCi/L	J	F01
CWC273179	CWCHSD-A	02/07/24	Alpha Spectroscopy	U-238	0.887	0.557	0.438	pCi/L	J	T04, T20
CWC273179	CWCHSD-A	02/07/24	Alpha Spectroscopy	Th-232	0.143	0.248	0.526	pCi/L	UJ	T06
CWC273179	CWCHSD-A	02/07/24	Alpha Spectroscopy	Ra-226	0.00000287	0.215	0.667	pCi/L	UJ	T06
CWC273179	CWCHSD-A	02/07/24	Alpha Spectroscopy	U-234	0.58	0.473	0.61	pCi/L	UJ	T04, T05
CWC273179	CWCHSD-A	02/07/24	Alpha Spectroscopy	U-235	-0.0256	0.211	0.543	pCi/L	UJ	T06
CWC273180	CWCHSD-A	02/08/24	Metals	Barium	120		0.69	µg/L	=	
CWC273180	CWCHSD-A	02/08/24	Metals	Molybdenum	5.5		2	µg/L	=	
CWC273180	CWCHSD-A	02/08/24	Metals	Antimony	0.42		0.29	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273180	CWCHSD-A	02/08/24	Metals	Arsenic	2.3		1.6	µg/L	=	
CWC273180	CWCHSD-A	02/08/24	Metals	Cadmium	0.3		0.06	µg/L	=	
CWC273180	CWCHSD-A	02/08/24	Metals	Chromium	1.9		1.3	µg/L	=	
CWC273180	CWCHSD-A	02/08/24	Metals	Nickel	2.9		0.89	µg/L	=	
CWC273180	CWCHSD-A	02/08/24	Metals	Selenium	1.2		0.67	µg/L	=	
CWC273180	CWCHSD-A	02/08/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273180	CWCHSD-A	02/08/24	Metals	Vanadium	4		4	µg/L	U	
CWC273180	CWCHSD-A	02/08/24	Alpha Spectroscopy	Th-228	0.652	0.471	0.51	pCi/L	J	T04, T20
CWC273180	CWCHSD-A	02/08/24	Alpha Spectroscopy	Th-230	1.76	0.776	0.564	pCi/L	J	F01
CWC273180	CWCHSD-A	02/08/24	Alpha Spectroscopy	Th-232	0.306	0.344	0.563	pCi/L	UJ	T06
CWC273180	CWCHSD-A	02/08/24	Alpha Spectroscopy	Ra-226	0.455	0.412	0.7	pCi/L	UJ	T04, T05
CWC273180	CWCHSD-A	02/08/24	Alpha Spectroscopy	U-234	0.343	0.371	0.486	pCi/L	UJ	T06
CWC273180	CWCHSD-A	02/08/24	Alpha Spectroscopy	U-235	-0.0282	0.233	0.6	pCi/L	UJ	T06
CWC273180	CWCHSD-A	02/08/24	Alpha Spectroscopy	U-238	0.365	0.41	0.671	pCi/L	UJ	T06
CWC273181	CWCHSD-A	02/09/24	Metals	Barium	130		0.69	µg/L	=	
CWC273181	CWCHSD-A	02/09/24	Metals	Arsenic	2.4		1.6	µg/L	=	
CWC273181	CWCHSD-A	02/09/24	Metals	Chromium	1.3		1.3	µg/L	=	
CWC273181	CWCHSD-A	02/09/24	Metals	Molybdenum	4.9		2	µg/L	=	
CWC273181	CWCHSD-A	02/09/24	Metals	Nickel	3.4		0.89	µg/L	=	
CWC273181	CWCHSD-A	02/09/24	Metals	Selenium	0.85		0.67	µg/L	=	
CWC273181	CWCHSD-A	02/09/24	Metals	Antimony	0.29		0.29	µg/L	U	
CWC273181	CWCHSD-A	02/09/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273181	CWCHSD-A	02/09/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273181	CWCHSD-A	02/09/24	Metals	Vanadium	4		4	µg/L	U	
CWC273181	CWCHSD-A	02/09/24	Alpha Spectroscopy	Th-228	0.865	0.623	0.827	pCi/L	J	T04, T20
CWC273181	CWCHSD-A	02/09/24	Alpha Spectroscopy	Th-230	0.912	0.615	0.671	pCi/L	J	F01, T04, T20
CWC273181	CWCHSD-A	02/09/24	Alpha Spectroscopy	U-234	0.518	0.411	0.407	pCi/L	J	T04, T20
CWC273181	CWCHSD-A	02/09/24	Alpha Spectroscopy	Th-232	0	0.257	0.67	pCi/L	UJ	T06
CWC273181	CWCHSD-A	02/09/24	Alpha Spectroscopy	Ra-226	0.242	0.331	0.668	pCi/L	UJ	T06
CWC273181	CWCHSD-A	02/09/24	Alpha Spectroscopy	U-235	0.0946	0.268	0.696	pCi/L	UJ	T06
CWC273181	CWCHSD-A	02/09/24	Alpha Spectroscopy	U-238	0.191	0.271	0.488	pCi/L	UJ	T06
CWC273182	CWCHSD-A	02/12/24	Metals	Barium	110		0.69	µg/L	=	
CWC273182	CWCHSD-A	02/12/24	Metals	Antimony	0.32		0.29	µg/L	=	
CWC273182	CWCHSD-A	02/12/24	Metals	Arsenic	2.6		1.6	µg/L	=	
CWC273182	CWCHSD-A	02/12/24	Metals	Cadmium	0.074		0.06	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273182	CWCHSD-A	02/12/24	Metals	Molybdenum	3		2	µg/L	=	
CWC273182	CWCHSD-A	02/12/24	Metals	Nickel	3.6		0.89	µg/L	=	
CWC273182	CWCHSD-A	02/12/24	Metals	Selenium	1.2		0.67	µg/L	=	
CWC273182	CWCHSD-A	02/12/24	Metals	Vanadium	8.6		4	µg/L	=	
CWC273182	CWCHSD-A	02/12/24	Metals	Chromium	4.3		1.3	µg/L	=	
CWC273182	CWCHSD-A	02/12/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273182	CWCHSD-A	02/12/24	Alpha Spectroscopy	Th-230	0.707	0.416	0.361	pCi/L	J	T04, T20
CWC273182	CWCHSD-A	02/12/24	Alpha Spectroscopy	U-234	0.664	0.427	0.404	pCi/L	J	T04, T20
CWC273182	CWCHSD-A	02/12/24	Alpha Spectroscopy	U-238	0.472	0.362	0.402	pCi/L	J	T04, T20
CWC273182	CWCHSD-A	02/12/24	Alpha Spectroscopy	Th-228	0.226	0.26	0.447	pCi/L	UJ	T06
CWC273182	CWCHSD-A	02/12/24	Alpha Spectroscopy	Th-232	0.0564	0.16	0.415	pCi/L	UJ	T06
CWC273182	CWCHSD-A	02/12/24	Alpha Spectroscopy	Ra-226	0.347	0.354	0.584	pCi/L	UJ	T06
CWC273182	CWCHSD-A	02/12/24	Alpha Spectroscopy	U-235	0.078	0.221	0.574	pCi/L	UJ	T06
CWC273183	CWCHSD-A	02/13/24	Metals	Barium	120		0.69	µg/L	=	
CWC273183	CWCHSD-A	02/13/24	Metals	Molybdenum	5		2	µg/L	=	
CWC273183	CWCHSD-A	02/13/24	Metals	Arsenic	2.6		1.6	µg/L	=	
CWC273183	CWCHSD-A	02/13/24	Metals	Nickel	2.5		0.89	µg/L	=	
CWC273183	CWCHSD-A	02/13/24	Metals	Selenium	1.2		0.67	µg/L	=	
CWC273183	CWCHSD-A	02/13/24	Metals	Chromium	1.8		1.3	µg/L	=	
CWC273183	CWCHSD-A	02/13/24	Metals	Antimony	0.29		0.29	µg/L	U	
CWC273183	CWCHSD-A	02/13/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273183	CWCHSD-A	02/13/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273183	CWCHSD-A	02/13/24	Metals	Vanadium	4		4	µg/L	U	
CWC273183	CWCHSD-A	02/13/24	Alpha Spectroscopy	Th-230	0.783	0.458	0.443	pCi/L	J	T04, T20
CWC273183	CWCHSD-A	02/13/24	Alpha Spectroscopy	U-234	0.823	0.505	0.457	pCi/L	J	T04, T20
CWC273183	CWCHSD-A	02/13/24	Alpha Spectroscopy	U-238	0.552	0.408	0.378	pCi/L	J	T04, T20
CWC273183	CWCHSD-A	02/13/24	Alpha Spectroscopy	Th-228	0.376	0.325	0.434	pCi/L	UJ	T04, T05
CWC273183	CWCHSD-A	02/13/24	Alpha Spectroscopy	Th-232	0.3	0.296	0.442	pCi/L	UJ	T04, T05
CWC273183	CWCHSD-A	02/13/24	Alpha Spectroscopy	Ra-226	0.0374	0.167	0.504	pCi/L	UJ	T06
CWC273183	CWCHSD-A	02/13/24	Alpha Spectroscopy	U-235	0	0.25	0.65	pCi/L	UJ	T06
CWC273184	CWCHSD-A	02/14/24	Metals	Barium	130		0.69	µg/L	=	
CWC273184	CWCHSD-A	02/14/24	Metals	Molybdenum	12		2	µg/L	=	
CWC273184	CWCHSD-A	02/14/24	Metals	Arsenic	2.5		1.6	µg/L	=	
CWC273184	CWCHSD-A	02/14/24	Metals	Nickel	2.5		0.89	µg/L	=	
CWC273184	CWCHSD-A	02/14/24	Metals	Selenium	1.1		0.67	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273184	CWCHSD-A	02/14/24	Metals	Chromium	2.3		1.3	µg/L	=	
CWC273184	CWCHSD-A	02/14/24	Metals	Antimony	0.29		0.29	µg/L	U	
CWC273184	CWCHSD-A	02/14/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273184	CWCHSD-A	02/14/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273184	CWCHSD-A	02/14/24	Metals	Vanadium	4		4	µg/L	U	
CWC273184	CWCHSD-A	02/14/24	Alpha Spectroscopy	Th-230	0.7	0.42	0.317	pCi/L	J	T04, T20
CWC273184	CWCHSD-A	02/14/24	Alpha Spectroscopy	U-234	0.9	0.526	0.51	pCi/L	J	T04, T20
CWC273184	CWCHSD-A	02/14/24	Alpha Spectroscopy	Th-228	0.342	0.324	0.507	pCi/L	UJ	T04, T05
CWC273184	CWCHSD-A	02/14/24	Alpha Spectroscopy	Th-232	0.104	0.171	0.316	pCi/L	UJ	T06
CWC273184	CWCHSD-A	02/14/24	Alpha Spectroscopy	Ra-226	0.144	0.249	0.528	pCi/L	UJ	T06
CWC273184	CWCHSD-A	02/14/24	Alpha Spectroscopy	U-235	0.15	0.246	0.454	pCi/L	UJ	T06
CWC273184	CWCHSD-A	02/14/24	Alpha Spectroscopy	U-238	0.345	0.34	0.508	pCi/L	UJ	T04, T05
CWC273185	CWCHSD-A	02/15/24	Metals	Barium	120		0.69	µg/L	=	
CWC273185	CWCHSD-A	02/15/24	Metals	Molybdenum	5.4		2	µg/L	=	
CWC273185	CWCHSD-A	02/15/24	Metals	Arsenic	2.4		1.6	µg/L	=	
CWC273185	CWCHSD-A	02/15/24	Metals	Nickel	2.6		0.89	µg/L	=	
CWC273185	CWCHSD-A	02/15/24	Metals	Selenium	1.1		0.67	µg/L	=	
CWC273185	CWCHSD-A	02/15/24	Metals	Chromium	1.6		1.3	µg/L	=	
CWC273185	CWCHSD-A	02/15/24	Metals	Antimony	0.29		0.29	µg/L	U	
CWC273185	CWCHSD-A	02/15/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273185	CWCHSD-A	02/15/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273185	CWCHSD-A	02/15/24	Metals	Vanadium	4		4	µg/L	U	
CWC273185	CWCHSD-A	02/15/24	Alpha Spectroscopy	Th-230	1.22	0.635	0.411	pCi/L	J	T04, T20
CWC273185	CWCHSD-A	02/15/24	Alpha Spectroscopy	U-234	0.853	0.512	0.385	pCi/L	J	T04, T20
CWC273185	CWCHSD-A	02/15/24	Alpha Spectroscopy	U-238	0.633	0.44	0.384	pCi/L	J	T04, T20
CWC273185	CWCHSD-A	02/15/24	Alpha Spectroscopy	Th-228	0.386	0.389	0.611	pCi/L	UJ	T06
CWC273185	CWCHSD-A	02/15/24	Alpha Spectroscopy	Th-232	0.0579	0.159	0.41	pCi/L	UJ	T06
CWC273185	CWCHSD-A	02/15/24	Alpha Spectroscopy	Ra-226	0.265	0.364	0.735	pCi/L	UJ	T06
CWC273185	CWCHSD-A	02/15/24	Alpha Spectroscopy	U-235	-0.0224	0.185	0.476	pCi/L	UJ	T06
CWC273186	CWCHSD-A	02/19/24	Metals	Barium	170		0.69	µg/L	=	
CWC273186	CWCHSD-A	02/19/24	Metals	Antimony	0.57		0.29	µg/L	=	
CWC273186	CWCHSD-A	02/19/24	Metals	Arsenic	2.5		1.6	µg/L	=	
CWC273186	CWCHSD-A	02/19/24	Metals	Cadmium	0.094		0.06	µg/L	=	
CWC273186	CWCHSD-A	02/19/24	Metals	Chromium	2.5		1.3	µg/L	=	
CWC273186	CWCHSD-A	02/19/24	Metals	Molybdenum	4.9		2	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273186	CWCHSD-A	02/19/24	Metals	Nickel	2.2		0.89	µg/L	=	
CWC273186	CWCHSD-A	02/19/24	Metals	Selenium	1.6		0.67	µg/L	=	
CWC273186	CWCHSD-A	02/19/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273186	CWCHSD-A	02/19/24	Metals	Vanadium	4		4	µg/L	U	
CWC273186	CWCHSD-A	02/19/24	Alpha Spectroscopy	U-234	1.13	0.616	0.556	pCi/L	J	T04, T20
CWC273186	CWCHSD-A	02/19/24	Alpha Spectroscopy	Th-228	2.46	2.2	3.01	pCi/L	UJ	T04, T05
CWC273186	CWCHSD-A	02/19/24	Alpha Spectroscopy	Th-230	1.95	1.87	2.18	pCi/L	UJ	T04, T05
CWC273186	CWCHSD-A	02/19/24	Alpha Spectroscopy	Th-232	0.307	0.845	2.17	pCi/L	UJ	T06
CWC273186	CWCHSD-A	02/19/24	Alpha Spectroscopy	Ra-226	0.201	0.285	0.563	pCi/L	UJ	T06
CWC273186	CWCHSD-A	02/19/24	Alpha Spectroscopy	U-235	0	0.264	0.687	pCi/L	UJ	T06
CWC273186	CWCHSD-A	02/19/24	Alpha Spectroscopy	U-238	0.226	0.302	0.554	pCi/L	UJ	T06
CWC273187	CWCHSD-A	02/20/24	Metals	Barium	170		0.69	µg/L	=	
CWC273187	CWCHSD-A	02/20/24	Metals	Molybdenum	5.1		2	µg/L	=	
CWC273187	CWCHSD-A	02/20/24	Metals	Antimony	0.46		0.29	µg/L	=	
CWC273187	CWCHSD-A	02/20/24	Metals	Arsenic	2.1		1.6	µg/L	=	
CWC273187	CWCHSD-A	02/20/24	Metals	Chromium	2		1.3	µg/L	=	
CWC273187	CWCHSD-A	02/20/24	Metals	Nickel	2.6		0.89	µg/L	=	
CWC273187	CWCHSD-A	02/20/24	Metals	Selenium	1.3		0.67	µg/L	=	
CWC273187	CWCHSD-A	02/20/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273187	CWCHSD-A	02/20/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273187	CWCHSD-A	02/20/24	Metals	Vanadium	4		4	µg/L	U	
CWC273187	CWCHSD-A	02/20/24	Alpha Spectroscopy	Ra-226	0.568	0.426	0.522	pCi/L	J	T04, T20
CWC273187	CWCHSD-A	02/20/24	Alpha Spectroscopy	U-234	0.724	0.504	0.439	pCi/L	J	T04, T20
CWC273187	CWCHSD-A	02/20/24	Alpha Spectroscopy	U-238	0.639	0.473	0.438	pCi/L	J	T04, T20
CWC273187	CWCHSD-A	02/20/24	Alpha Spectroscopy	Th-228	0.628	0.634	0.993	pCi/L	UJ	T06
CWC273187	CWCHSD-A	02/20/24	Alpha Spectroscopy	Th-230	0.755	0.673	0.926	pCi/L	UJ	T04, T05
CWC273187	CWCHSD-A	02/20/24	Alpha Spectroscopy	Th-232	0.502	0.565	0.924	pCi/L	UJ	T06
CWC273187	CWCHSD-A	02/20/24	Alpha Spectroscopy	U-235	-0.0255	0.21	0.542	pCi/L	UJ	T06
CWC273188	CWCHSD-A	02/21/24	Metals	Barium	150		0.69	µg/L	=	
CWC273188	CWCHSD-A	02/21/24	Metals	Molybdenum	5.2		2	µg/L	=	
CWC273188	CWCHSD-A	02/21/24	Metals	Antimony	0.54		0.29	µg/L	=	
CWC273188	CWCHSD-A	02/21/24	Metals	Arsenic	2.1		1.6	µg/L	=	
CWC273188	CWCHSD-A	02/21/24	Metals	Chromium	1.6		1.3	µg/L	=	
CWC273188	CWCHSD-A	02/21/24	Metals	Nickel	2.5		0.89	µg/L	=	
CWC273188	CWCHSD-A	02/21/24	Metals	Selenium	1.1		0.67	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273188	CWCHSD-A	02/21/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273188	CWCHSD-A	02/21/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273188	CWCHSD-A	02/21/24	Metals	Vanadium	4		4	µg/L	U	
CWC273188	CWCHSD-A	02/21/24	Alpha Spectroscopy	Th-230	1.33	0.938	0.809	pCi/L	J	F01, T04, T20
CWC273188	CWCHSD-A	02/21/24	Alpha Spectroscopy	Th-228	0.952	0.895	1.46	pCi/L	UJ	T04, T05
CWC273188	CWCHSD-A	02/21/24	Alpha Spectroscopy	Th-232	0	0.43	1.12	pCi/L	UJ	T06
CWC273188	CWCHSD-A	02/21/24	Alpha Spectroscopy	Ra-226	0.494	0.412	0.593	pCi/L	UJ	T04, T05
CWC273188	CWCHSD-A	02/21/24	Alpha Spectroscopy	U-234	0.339	0.367	0.48	pCi/L	UJ	T06
CWC273188	CWCHSD-A	02/21/24	Alpha Spectroscopy	U-235	0	0.316	0.822	pCi/L	UJ	T06
CWC273188	CWCHSD-A	02/21/24	Alpha Spectroscopy	U-238	0.36	0.405	0.663	pCi/L	UJ	T06
CWC273189	CWCHSD-A	02/22/24	Metals	Barium	140		0.69	µg/L	=	
CWC273189	CWCHSD-A	02/22/24	Metals	Antimony	0.72		0.29	µg/L	=	
CWC273189	CWCHSD-A	02/22/24	Metals	Arsenic	2.5		1.6	µg/L	=	
CWC273189	CWCHSD-A	02/22/24	Metals	Chromium	1.6		1.3	µg/L	=	
CWC273189	CWCHSD-A	02/22/24	Metals	Molybdenum	4.8		2	µg/L	=	
CWC273189	CWCHSD-A	02/22/24	Metals	Nickel	2.2		0.89	µg/L	=	
CWC273189	CWCHSD-A	02/22/24	Metals	Selenium	1.1		0.67	µg/L	=	
CWC273189	CWCHSD-A	02/22/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273189	CWCHSD-A	02/22/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273189	CWCHSD-A	02/22/24	Metals	Vanadium	4		4	µg/L	U	
CWC273189	CWCHSD-A	02/22/24	Alpha Spectroscopy	Th-228	1.37	1.06	1.35	pCi/L	J	T04, T20
CWC273189	CWCHSD-A	02/22/24	Alpha Spectroscopy	Th-230	0.257	0.5	1.09	pCi/L	UJ	T06
CWC273189	CWCHSD-A	02/22/24	Alpha Spectroscopy	Th-232	-0.0854	0.363	1.09	pCi/L	UJ	T06
CWC273189	CWCHSD-A	02/22/24	Alpha Spectroscopy	Ra-226	0.0378	0.251	0.732	pCi/L	UJ	T06
CWC273189	CWCHSD-A	02/22/24	Alpha Spectroscopy	U-234	0.518	0.46	0.635	pCi/L	UJ	T04, T05
CWC273189	CWCHSD-A	02/22/24	Alpha Spectroscopy	U-235	0	0.301	0.784	pCi/L	UJ	T06
CWC273189	CWCHSD-A	02/22/24	Alpha Spectroscopy	U-238	0.301	0.351	0.549	pCi/L	UJ	T06
CWC273190	CWCHSD-A	02/23/24	Metals	Barium	140		0.69	µg/L	=	
CWC273190	CWCHSD-A	02/23/24	Metals	Antimony	1.1		0.29	µg/L	=	
CWC273190	CWCHSD-A	02/23/24	Metals	Arsenic	3		1.6	µg/L	=	
CWC273190	CWCHSD-A	02/23/24	Metals	Molybdenum	4.2		2	µg/L	=	
CWC273190	CWCHSD-A	02/23/24	Metals	Nickel	2.1		0.89	µg/L	=	
CWC273190	CWCHSD-A	02/23/24	Metals	Selenium	0.98		0.67	µg/L	=	
CWC273190	CWCHSD-A	02/23/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273190	CWCHSD-A	02/23/24	Metals	Chromium	1.3		1.3	µg/L	U	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273190	CWCHSD-A	02/23/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273190	CWCHSD-A	02/23/24	Metals	Vanadium	4		4	µg/L	U	
CWC273190	CWCHSD-A	02/23/24	Alpha Spectroscopy	U-234	0.688	0.522	0.633	pCi/L	J	T04, T20
CWC273190	CWCHSD-A	02/23/24	Alpha Spectroscopy	Th-228	1.24	1.12	1.6	pCi/L	UJ	T04, T05
CWC273190	CWCHSD-A	02/23/24	Alpha Spectroscopy	Th-230	0.344	0.595	1.16	pCi/L	UJ	T06
CWC273190	CWCHSD-A	02/23/24	Alpha Spectroscopy	Th-232	-0.0688	0.424	1.16	pCi/L	UJ	T06
CWC273190	CWCHSD-A	02/23/24	Alpha Spectroscopy	Ra-226	0.196	0.282	0.527	pCi/L	UJ	T06
CWC273190	CWCHSD-A	02/23/24	Alpha Spectroscopy	U-235	0	0.3	0.781	pCi/L	UJ	T06
CWC273190	CWCHSD-A	02/23/24	Alpha Spectroscopy	U-238	0.428	0.422	0.63	pCi/L	UJ	T04, T05
CWC273191	CWCHSD-A	02/26/24	Metals	Barium	150		0.69	µg/L	=	
CWC273191	CWCHSD-A	02/26/24	Metals	Antimony	0.4		0.29	µg/L	=	
CWC273191	CWCHSD-A	02/26/24	Metals	Arsenic	3.2		1.6	µg/L	=	
CWC273191	CWCHSD-A	02/26/24	Metals	Molybdenum	3.3		2	µg/L	=	
CWC273191	CWCHSD-A	02/26/24	Metals	Nickel	2.1		0.89	µg/L	=	
CWC273191	CWCHSD-A	02/26/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273191	CWCHSD-A	02/26/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC273191	CWCHSD-A	02/26/24	Metals	Selenium	0.67		0.67	µg/L	U	
CWC273191	CWCHSD-A	02/26/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC273191	CWCHSD-A	02/26/24	Metals	Vanadium	4		4	µg/L	U	
CWC273191	CWCHSD-A	02/26/24	Alpha Spectroscopy	Th-230	0.936	0.882	0.922	pCi/L	J	F01, T04, T20
CWC273191	CWCHSD-A	02/26/24	Alpha Spectroscopy	U-234	0.583	0.431	0.399	pCi/L	J	T04, T20
CWC273191	CWCHSD-A	02/26/24	Alpha Spectroscopy	U-238	0.505	0.401	0.398	pCi/L	J	T04, T20
CWC273191	CWCHSD-A	02/26/24	Alpha Spectroscopy	Th-228	0.452	0.804	1.78	pCi/L	UJ	T06
CWC273191	CWCHSD-A	02/26/24	Alpha Spectroscopy	Th-232	-0.0645	0.398	1.08	pCi/L	UJ	T06
CWC273191	CWCHSD-A	02/26/24	Alpha Spectroscopy	Ra-226	0.209	0.278	0.512	pCi/L	UJ	T06
CWC273191	CWCHSD-A	02/26/24	Alpha Spectroscopy	U-235	0	0.262	0.683	pCi/L	UJ	T06
CWC273192	CWCHSD-A	02/27/24	Metals	Barium	150		0.69	µg/L	=	
CWC273192	CWCHSD-A	02/27/24	Metals	Antimony	0.37		0.29	µg/L	=	
CWC273192	CWCHSD-A	02/27/24	Metals	Arsenic	3.4		1.6	µg/L	=	
CWC273192	CWCHSD-A	02/27/24	Metals	Molybdenum	3		2	µg/L	=	
CWC273192	CWCHSD-A	02/27/24	Metals	Nickel	2.2		0.89	µg/L	=	
CWC273192	CWCHSD-A	02/27/24	Metals	Selenium	0.85		0.67	µg/L	=	
CWC273192	CWCHSD-A	02/27/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC273192	CWCHSD-A	02/27/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC273192	CWCHSD-A	02/27/24	Metals	Thallium	0.38		0.38	µg/L	U	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC273192	CWCHSD-A	02/27/24	Metals	Vanadium	4		4	µg/L	U	
CWC273192	CWCHSD-A	02/27/24	Alpha Spectroscopy	U-234	0.471	0.407	0.435	pCi/L	J	T04, T20
CWC273192	CWCHSD-A	02/27/24	Alpha Spectroscopy	Th-228	1.61	1.39	2.13	pCi/L	UJ	T04, T05
CWC273192	CWCHSD-A	02/27/24	Alpha Spectroscopy	Th-230	1.23	1.23	1.99	pCi/L	UJ	T04, T05
CWC273192	CWCHSD-A	02/27/24	Alpha Spectroscopy	Th-232	-0.149	0.473	1.52	pCi/L	UJ	T06
CWC273192	CWCHSD-A	02/27/24	Alpha Spectroscopy	Ra-226	0.0433	0.194	0.584	pCi/L	UJ	T06
CWC273192	CWCHSD-A	02/27/24	Alpha Spectroscopy	U-235	0	0.286	0.744	pCi/L	UJ	T06
CWC273192	CWCHSD-A	02/27/24	Alpha Spectroscopy	U-238	0.306	0.33	0.433	pCi/L	UJ	T06
CWC274400	CWCHSD-A	02/28/24	Metals	Barium	150		0.69	µg/L	=	
CWC274400	CWCHSD-A	02/28/24	Metals	Antimony	0.33		0.29	µg/L	=	
CWC274400	CWCHSD-A	02/28/24	Metals	Arsenic	3.6		1.6	µg/L	=	
CWC274400	CWCHSD-A	02/28/24	Metals	Molybdenum	3		2	µg/L	=	
CWC274400	CWCHSD-A	02/28/24	Metals	Nickel	2.3		0.89	µg/L	=	
CWC274400	CWCHSD-A	02/28/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC274400	CWCHSD-A	02/28/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC274400	CWCHSD-A	02/28/24	Metals	Selenium	0.67		0.67	µg/L	U	
CWC274400	CWCHSD-A	02/28/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274400	CWCHSD-A	02/28/24	Metals	Vanadium	4		4	µg/L	U	
CWC274400	CWCHSD-A	02/28/24	Alpha Spectroscopy	Ra-226	0.675	0.487	0.631	pCi/L	J	T04, T20
CWC274400	CWCHSD-A	02/28/24	Alpha Spectroscopy	U-234	0.804	0.513	0.538	pCi/L	J	T04, T20
CWC274400	CWCHSD-A	02/28/24	Alpha Spectroscopy	Th-228	0.643	0.942	1.93	pCi/L	UJ	T06
CWC274400	CWCHSD-A	02/28/24	Alpha Spectroscopy	Th-230	0.814	0.919	1.5	pCi/L	UJ	T06
CWC274400	CWCHSD-A	02/28/24	Alpha Spectroscopy	Th-232	0.203	0.575	1.49	pCi/L	UJ	T06
CWC274400	CWCHSD-A	02/28/24	Alpha Spectroscopy	U-235	0.0902	0.255	0.664	pCi/L	UJ	T06
CWC274400	CWCHSD-A	02/28/24	Alpha Spectroscopy	U-238	0.51	0.415	0.536	pCi/L	UJ	T04, T05
CWC274401	CWCHSD-A	02/29/24	Metals	Barium	140		0.69	µg/L	=	
CWC274401	CWCHSD-A	02/29/24	Metals	Antimony	0.3		0.29	µg/L	=	
CWC274401	CWCHSD-A	02/29/24	Metals	Arsenic	3.1		1.6	µg/L	=	
CWC274401	CWCHSD-A	02/29/24	Metals	Molybdenum	3.1		2	µg/L	=	
CWC274401	CWCHSD-A	02/29/24	Metals	Nickel	1.7		0.89	µg/L	=	
CWC274401	CWCHSD-A	02/29/24	Metals	Selenium	0.97		0.67	µg/L	=	
CWC274401	CWCHSD-A	02/29/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC274401	CWCHSD-A	02/29/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC274401	CWCHSD-A	02/29/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274401	CWCHSD-A	02/29/24	Metals	Vanadium	4		4	µg/L	U	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC274401	CWCHSD-A	02/29/24	Alpha Spectroscopy	Th-230	2.11	1.53	1.73	pCi/L	J	F01, T04, T20
CWC274401	CWCHSD-A	02/29/24	Alpha Spectroscopy	Th-228	0.546	0.831	1.59	pCi/L	UJ	T06
CWC274401	CWCHSD-A	02/29/24	Alpha Spectroscopy	Th-232	0	0.662	1.72	pCi/L	UJ	T06
CWC274401	CWCHSD-A	02/29/24	Alpha Spectroscopy	Ra-226	0.172	0.248	0.464	pCi/L	UJ	T06
CWC274401	CWCHSD-A	02/29/24	Alpha Spectroscopy	U-234	0.338	0.333	0.497	pCi/L	UJ	T04, T05
CWC274401	CWCHSD-A	02/29/24	Alpha Spectroscopy	U-235	0	0.236	0.613	pCi/L	UJ	T06
CWC274401	CWCHSD-A	02/29/24	Alpha Spectroscopy	U-238	0.202	0.27	0.495	pCi/L	UJ	T06
CWC274402	CWCHSD-A	03/01/24	Metals	Barium	130		0.69	µg/L	=	
CWC274402	CWCHSD-A	03/01/24	Metals	Antimony	0.36		0.29	µg/L	=	
CWC274402	CWCHSD-A	03/01/24	Metals	Arsenic	3		1.6	µg/L	=	
CWC274402	CWCHSD-A	03/01/24	Metals	Cadmium	0.21		0.06	µg/L	=	
CWC274402	CWCHSD-A	03/01/24	Metals	Molybdenum	3.2		2	µg/L	=	
CWC274402	CWCHSD-A	03/01/24	Metals	Nickel	1.9		0.89	µg/L	=	
CWC274402	CWCHSD-A	03/01/24	Metals	Selenium	0.94		0.67	µg/L	=	
CWC274402	CWCHSD-A	03/01/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC274402	CWCHSD-A	03/01/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274402	CWCHSD-A	03/01/24	Metals	Vanadium	4		4	µg/L	U	
CWC274402	CWCHSD-A	03/01/24	Alpha Spectroscopy	Th-230	0.926	0.557	0.418	pCi/L	J	F01, T04, T20
CWC274402	CWCHSD-A	03/01/24	Alpha Spectroscopy	U-238	0.463	0.367	0.364	pCi/L	J	T04, T20
CWC274402	CWCHSD-A	03/01/24	Alpha Spectroscopy	Th-228	0.551	0.449	0.579	pCi/L	UJ	T04, T05
CWC274402	CWCHSD-A	03/01/24	Alpha Spectroscopy	Th-232	0.138	0.226	0.417	pCi/L	UJ	T06
CWC274402	CWCHSD-A	03/01/24	Alpha Spectroscopy	Ra-226	0.0308	0.295	0.823	pCi/L	UJ	T06
CWC274402	CWCHSD-A	03/01/24	Alpha Spectroscopy	U-234	0.241	0.281	0.44	pCi/L	UJ	T06
CWC274402	CWCHSD-A	03/01/24	Alpha Spectroscopy	U-235	0.34	0.381	0.625	pCi/L	UJ	T06
CWC274403	CWCHSD-A	03/15/24	Metals	Barium	49		0.69	µg/L	=	
CWC274403	CWCHSD-A	03/15/24	Metals	Antimony	0.76		0.29	µg/L	=	
CWC274403	CWCHSD-A	03/15/24	Metals	Arsenic	2.2		1.6	µg/L	=	
CWC274403	CWCHSD-A	03/15/24	Metals	Cadmium	0.064		0.06	µg/L	=	
CWC274403	CWCHSD-A	03/15/24	Metals	Chromium	3.5		1.3	µg/L	=	
CWC274403	CWCHSD-A	03/15/24	Metals	Molybdenum	3		2	µg/L	=	
CWC274403	CWCHSD-A	03/15/24	Metals	Nickel	3.6		0.89	µg/L	=	
CWC274403	CWCHSD-A	03/15/24	Metals	Selenium	0.87		0.67	µg/L	=	
CWC274403	CWCHSD-A	03/15/24	Metals	Vanadium	6.2		4	µg/L	=	
CWC274403	CWCHSD-A	03/15/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274403	CWCHSD-A	03/15/24	Alpha Spectroscopy	Th-228	0.704	0.465	0.383	pCi/L	J	T04, T20

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC274403	CWCHSD-A	03/15/24	Alpha Spectroscopy	Th-230	0.705	0.465	0.384	pCi/L	J	T04, T20
CWC274403	CWCHSD-A	03/15/24	Alpha Spectroscopy	Th-232	0.289	0.324	0.531	pCi/L	UJ	T06
CWC274403	CWCHSD-A	03/15/24	Alpha Spectroscopy	Ra-226	0.231	0.316	0.639	pCi/L	UJ	T06
CWC274403	CWCHSD-A	03/15/24	Alpha Spectroscopy	U-234	0.246	0.329	0.603	pCi/L	UJ	T06
CWC274403	CWCHSD-A	03/15/24	Alpha Spectroscopy	U-235	0	0.286	0.743	pCi/L	UJ	T06
CWC274403	CWCHSD-A	03/15/24	Alpha Spectroscopy	U-238	0.245	0.327	0.6	pCi/L	UJ	T06
CWC274404	CWCHSD-A	03/18/24	Metals	Barium	80		0.69	µg/L	=	
CWC274404	CWCHSD-A	03/18/24	Metals	Molybdenum	5.3		2	µg/L	=	
CWC274404	CWCHSD-A	03/18/24	Metals	Antimony	0.62		0.29	µg/L	=	
CWC274404	CWCHSD-A	03/18/24	Metals	Arsenic	2.2		1.6	µg/L	=	
CWC274404	CWCHSD-A	03/18/24	Metals	Chromium	1.8		1.3	µg/L	=	
CWC274404	CWCHSD-A	03/18/24	Metals	Nickel	2.7		0.89	µg/L	=	
CWC274404	CWCHSD-A	03/18/24	Metals	Selenium	0.87		0.67	µg/L	=	
CWC274404	CWCHSD-A	03/18/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC274404	CWCHSD-A	03/18/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274404	CWCHSD-A	03/18/24	Metals	Vanadium	4		4	µg/L	U	
CWC274404	CWCHSD-A	03/18/24	Alpha Spectroscopy	Th-230	0.994	0.553	0.384	pCi/L	J	T04, T20
CWC274404	CWCHSD-A	03/18/24	Alpha Spectroscopy	U-234	0.616	0.466	0.566	pCi/L	J	T04, T20
CWC274404	CWCHSD-A	03/18/24	Alpha Spectroscopy	Th-228	0.271	0.436	0.969	pCi/L	UJ	T06
CWC274404	CWCHSD-A	03/18/24	Alpha Spectroscopy	Th-232	0.216	0.29	0.531	pCi/L	UJ	T06
CWC274404	CWCHSD-A	03/18/24	Alpha Spectroscopy	Ra-226	0.164	0.285	0.633	pCi/L	UJ	T06
CWC274404	CWCHSD-A	03/18/24	Alpha Spectroscopy	U-235	0.0949	0.269	0.699	pCi/L	UJ	T06
CWC274404	CWCHSD-A	03/18/24	Alpha Spectroscopy	U-238	0	0.217	0.564	pCi/L	UJ	T06
CWC274405	CWCHSD-A	03/19/24	Metals	Barium	96		0.69	µg/L	=	
CWC274405	CWCHSD-A	03/19/24	Metals	Molybdenum	6.8		2	µg/L	=	
CWC274405	CWCHSD-A	03/19/24	Metals	Antimony	0.57		0.29	µg/L	=	
CWC274405	CWCHSD-A	03/19/24	Metals	Arsenic	2.2		1.6	µg/L	=	
CWC274405	CWCHSD-A	03/19/24	Metals	Nickel	2.8		0.89	µg/L	=	
CWC274405	CWCHSD-A	03/19/24	Metals	Selenium	1.4		0.67	µg/L	=	
CWC274405	CWCHSD-A	03/19/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC274405	CWCHSD-A	03/19/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC274405	CWCHSD-A	03/19/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274405	CWCHSD-A	03/19/24	Metals	Vanadium	4		4	µg/L	U	
CWC274405	CWCHSD-A	03/19/24	Alpha Spectroscopy	Th-230	0.621	0.478	0.529	pCi/L	J	T04, T20
CWC274405	CWCHSD-A	03/19/24	Alpha Spectroscopy	U-234	0.696	0.495	0.569	pCi/L	J	T04, T20

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC274405	CWCHSD-A	03/19/24	Alpha Spectroscopy	U-238	0.751	0.495	0.409	pCi/L	J	T04, T20
CWC274405	CWCHSD-A	03/19/24	Alpha Spectroscopy	Th-228	0.496	0.486	0.832	pCi/L	UJ	T04, T05
CWC274405	CWCHSD-A	03/19/24	Alpha Spectroscopy	Th-232	0.062	0.171	0.439	pCi/L	UJ	T06
CWC274405	CWCHSD-A	03/19/24	Alpha Spectroscopy	Ra-226	0.0928	0.284	0.725	pCi/L	UJ	T06
CWC274405	CWCHSD-A	03/19/24	Alpha Spectroscopy	U-235	0	0.27	0.703	pCi/L	UJ	T06
CWC274406	CWCHSD-A	03/20/24	Metals	Barium	100		0.69	µg/L	=	
CWC274406	CWCHSD-A	03/20/24	Metals	Molybdenum	6.8		2	µg/L	=	
CWC274406	CWCHSD-A	03/20/24	Metals	Antimony	0.5		0.29	µg/L	=	
CWC274406	CWCHSD-A	03/20/24	Metals	Arsenic	2		1.6	µg/L	=	
CWC274406	CWCHSD-A	03/20/24	Metals	Chromium	1.3		1.3	µg/L	=	
CWC274406	CWCHSD-A	03/20/24	Metals	Nickel	3.1		0.89	µg/L	=	
CWC274406	CWCHSD-A	03/20/24	Metals	Selenium	1.7		0.67	µg/L	=	
CWC274406	CWCHSD-A	03/20/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC274406	CWCHSD-A	03/20/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274406	CWCHSD-A	03/20/24	Metals	Vanadium	4		4	µg/L	U	
CWC274406	CWCHSD-A	03/20/24	Alpha Spectroscopy	Th-230	1.48	0.661	0.362	pCi/L	=	
CWC274406	CWCHSD-A	03/20/24	Alpha Spectroscopy	U-234	0.891	0.543	0.546	pCi/L	J	T04, T20
CWC274406	CWCHSD-A	03/20/24	Alpha Spectroscopy	Th-228	0.443	0.397	0.619	pCi/L	UJ	T04, T05
CWC274406	CWCHSD-A	03/20/24	Alpha Spectroscopy	Th-232	0	0.193	0.501	pCi/L	UJ	T06
CWC274406	CWCHSD-A	03/20/24	Alpha Spectroscopy	Ra-226	0.123	0.275	0.661	pCi/L	UJ	T06
CWC274406	CWCHSD-A	03/20/24	Alpha Spectroscopy	U-235	-0.0229	0.189	0.486	pCi/L	UJ	T06
CWC274406	CWCHSD-A	03/20/24	Alpha Spectroscopy	U-238	0.443	0.394	0.544	pCi/L	UJ	T04, T05
CWC274407	CWCHSD-A	03/21/24	Metals	Barium	110		0.69	µg/L	=	
CWC274407	CWCHSD-A	03/21/24	Metals	Molybdenum	5.9		2	µg/L	=	
CWC274407	CWCHSD-A	03/21/24	Metals	Antimony	0.45		0.29	µg/L	=	
CWC274407	CWCHSD-A	03/21/24	Metals	Arsenic	2		1.6	µg/L	=	
CWC274407	CWCHSD-A	03/21/24	Metals	Nickel	2.1		0.89	µg/L	=	
CWC274407	CWCHSD-A	03/21/24	Metals	Selenium	1.4		0.67	µg/L	=	
CWC274407	CWCHSD-A	03/21/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC274407	CWCHSD-A	03/21/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC274407	CWCHSD-A	03/21/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274407	CWCHSD-A	03/21/24	Metals	Vanadium	4		4	µg/L	U	
CWC274407	CWCHSD-A	03/21/24	Alpha Spectroscopy	Th-230	0.911	0.534	0.516	pCi/L	J	T04, T20
CWC274407	CWCHSD-A	03/21/24	Alpha Spectroscopy	U-234	0.812	0.566	0.493	pCi/L	J	T04, T20
CWC274407	CWCHSD-A	03/21/24	Alpha Spectroscopy	Th-228	0.245	0.326	0.635	pCi/L	UJ	T06

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC274407	CWCHSD-A	03/21/24	Alpha Spectroscopy	Th-232	0.122	0.201	0.371	pCi/L	UJ	T06
CWC274407	CWCHSD-A	03/21/24	Alpha Spectroscopy	Ra-226	0.0336	0.322	0.898	pCi/L	UJ	T06
CWC274407	CWCHSD-A	03/21/24	Alpha Spectroscopy	U-235	0	0.324	0.842	pCi/L	UJ	T06
CWC274407	CWCHSD-A	03/21/24	Alpha Spectroscopy	U-238	0.277	0.371	0.68	pCi/L	UJ	T06
CWC274993	CWCMBB	04/30/24	Metals	Barium	160		0.69	µg/L	=	
CWC274993	CWCMBB	04/30/24	Metals	Chromium	15		1.3	µg/L	=	
CWC274993	CWCMBB	04/30/24	Metals	Molybdenum	8.9		2	µg/L	=	
CWC274993	CWCMBB	04/30/24	Metals	Nickel	12		0.89	µg/L	=	
CWC274993	CWCMBB	04/30/24	Metals	Vanadium	26		4	µg/L	=	
CWC274993	CWCMBB	04/30/24	Metals	Antimony	0.47		0.29	µg/L	=	
CWC274993	CWCMBB	04/30/24	Metals	Arsenic	5.3		1.6	µg/L	=	
CWC274993	CWCMBB	04/30/24	Metals	Cadmium	0.12		0.06	µg/L	=	
CWC274993	CWCMBB	04/30/24	Metals	Selenium	3		0.67	µg/L	=	
CWC274993	CWCMBB	04/30/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274993	CWCMBB	04/30/24	Alpha Spectroscopy	Th-228	0.443	0.367	0.435	pCi/L	J	T04, T20
CWC274993	CWCMBB	04/30/24	Alpha Spectroscopy	Th-230	1.57	0.69	0.502	pCi/L	=	
CWC274993	CWCMBB	04/30/24	Alpha Spectroscopy	U-234	1.31	0.668	0.567	pCi/L	J	T04, T20
CWC274993	CWCMBB	04/30/24	Alpha Spectroscopy	Th-232	0.187	0.239	0.362	pCi/L	UJ	T06
CWC274993	CWCMBB	04/30/24	Alpha Spectroscopy	Ra-226	0.443	0.4	0.681	pCi/L	UJ	T04, T05
CWC274993	CWCMBB	04/30/24	Alpha Spectroscopy	U-235	0	0.269	0.7	pCi/L	UJ	T06
CWC274993	CWCMBB	04/30/24	Alpha Spectroscopy	U-238	0.422	0.382	0.49	pCi/L	UJ	T04, T05
CWC274994	CWCMBB	05/01/24	Metals	Barium	100		0.69	µg/L	=	
CWC274994	CWCMBB	05/01/24	Metals	Molybdenum	8.2		2	µg/L	=	
CWC274994	CWCMBB	05/01/24	Metals	Antimony	0.32		0.29	µg/L	=	
CWC274994	CWCMBB	05/01/24	Metals	Arsenic	2.1		1.6	µg/L	=	
CWC274994	CWCMBB	05/01/24	Metals	Cadmium	0.068		0.06	µg/L	=	
CWC274994	CWCMBB	05/01/24	Metals	Chromium	1.3		1.3	µg/L	=	
CWC274994	CWCMBB	05/01/24	Metals	Nickel	1.9		0.89	µg/L	=	
CWC274994	CWCMBB	05/01/24	Metals	Selenium	2.2		0.67	µg/L	=	
CWC274994	CWCMBB	05/01/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274994	CWCMBB	05/01/24	Metals	Vanadium	4		4	µg/L	U	
CWC274994	CWCMBB	05/01/24	Alpha Spectroscopy	U-234	0.935	0.588	0.462	pCi/L	J	T04, T20
CWC274994	CWCMBB	05/01/24	Alpha Spectroscopy	Th-228	0.649	0.53	0.683	pCi/L	UJ	T04, T05
CWC274994	CWCMBB	05/01/24	Alpha Spectroscopy	Th-230	0.511	0.464	0.593	pCi/L	UJ	T04, T05
CWC274994	CWCMBB	05/01/24	Alpha Spectroscopy	Th-232	0.162	0.267	0.492	pCi/L	UJ	T06

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC274994	CWCMBB	05/01/24	Alpha Spectroscopy	Ra-226	0.0322	0.265	0.754	pCi/L	UJ	T06
CWC274994	CWCMBB	05/01/24	Alpha Spectroscopy	U-235	0	0.304	0.79	pCi/L	UJ	T06
CWC274994	CWCMBB	05/01/24	Alpha Spectroscopy	U-238	0.433	0.427	0.638	pCi/L	UJ	T04, T05
CWC274995	CWCMBB	05/02/24	Metals	Barium	120		0.69	µg/L	=	
CWC274995	CWCMBB	05/02/24	Metals	Molybdenum	7.8		2	µg/L	=	
CWC274995	CWCMBB	05/02/24	Metals	Antimony	0.31		0.29	µg/L	=	
CWC274995	CWCMBB	05/02/24	Metals	Arsenic	2.2		1.6	µg/L	=	
CWC274995	CWCMBB	05/02/24	Metals	Chromium	1.5		1.3	µg/L	=	
CWC274995	CWCMBB	05/02/24	Metals	Nickel	2		0.89	µg/L	=	
CWC274995	CWCMBB	05/02/24	Metals	Selenium	2.2		0.67	µg/L	=	
CWC274995	CWCMBB	05/02/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC274995	CWCMBB	05/02/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274995	CWCMBB	05/02/24	Metals	Vanadium	4		4	µg/L	U	
CWC274995	CWCMBB	05/02/24	Alpha Spectroscopy	Th-230	0.667	0.532	0.663	pCi/L	J	T04, T20
CWC274995	CWCMBB	05/02/24	Alpha Spectroscopy	U-238	0.595	0.441	0.408	pCi/L	J	T04, T20
CWC274995	CWCMBB	05/02/24	Alpha Spectroscopy	Th-228	0.367	0.413	0.676	pCi/L	UJ	T06
CWC274995	CWCMBB	05/02/24	Alpha Spectroscopy	Th-232	0.0689	0.189	0.487	pCi/L	UJ	T06
CWC274995	CWCMBB	05/02/24	Alpha Spectroscopy	Ra-226	-0.0602	0.17	0.648	pCi/L	UJ	T06
CWC274995	CWCMBB	05/02/24	Alpha Spectroscopy	U-234	0.309	0.347	0.568	pCi/L	UJ	T06
CWC274995	CWCMBB	05/02/24	Alpha Spectroscopy	U-235	0	0.269	0.7	pCi/L	UJ	T06
CWC274996	CWCMBB	05/06/24	Metals	Barium	65		0.69	µg/L	=	
CWC274996	CWCMBB	05/06/24	Metals	Molybdenum	6		2	µg/L	=	
CWC274996	CWCMBB	05/06/24	Metals	Antimony	1.1		0.29	µg/L	=	
CWC274996	CWCMBB	05/06/24	Metals	Arsenic	2		1.6	µg/L	=	
CWC274996	CWCMBB	05/06/24	Metals	Cadmium	0.29		0.06	µg/L	=	
CWC274996	CWCMBB	05/06/24	Metals	Chromium	1.5		1.3	µg/L	=	
CWC274996	CWCMBB	05/06/24	Metals	Selenium	1.3		0.67	µg/L	=	
CWC274996	CWCMBB	05/06/24	Metals	Nickel	2.3		0.89	µg/L	J	F01
CWC274996	CWCMBB	05/06/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274996	CWCMBB	05/06/24	Metals	Vanadium	4		4	µg/L	U	
CWC274996	CWCMBB	05/06/24	Alpha Spectroscopy	Th-228	0.808	0.601	0.554	pCi/L	J	T04, T20
CWC274996	CWCMBB	05/06/24	Alpha Spectroscopy	Th-230	1.83	0.918	0.667	pCi/L	J	F01, T04, T20
CWC274996	CWCMBB	05/06/24	Alpha Spectroscopy	Th-232	0.104	0.295	0.767	pCi/L	UJ	T06
CWC274996	CWCMBB	05/06/24	Alpha Spectroscopy	Ra-226	0.0823	0.386	1.03	pCi/L	UJ	T06
CWC274996	CWCMBB	05/06/24	Alpha Spectroscopy	U-234	0.139	0.289	0.675	pCi/L	UJ	T06

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC274996	CWCMBB	05/06/24	Alpha Spectroscopy	U-235	0	0.276	0.719	pCi/L	UJ	T06
CWC274996	CWCMBB	05/06/24	Alpha Spectroscopy	U-238	0.236	0.316	0.58	pCi/L	UJ	T06
CWC274997	CWCMBB	05/07/24	Metals	Barium	49		0.69	µg/L	=	
CWC274997	CWCMBB	05/07/24	Metals	Antimony	0.51		0.29	µg/L	=	
CWC274997	CWCMBB	05/07/24	Metals	Cadmium	0.17		0.06	µg/L	=	
CWC274997	CWCMBB	05/07/24	Metals	Chromium	1.6		1.3	µg/L	=	
CWC274997	CWCMBB	05/07/24	Metals	Molybdenum	4.5		2	µg/L	=	
CWC274997	CWCMBB	05/07/24	Metals	Selenium	0.93		0.67	µg/L	=	
CWC274997	CWCMBB	05/07/24	Metals	Nickel	2.2		0.89	µg/L	J	F01
CWC274997	CWCMBB	05/07/24	Metals	Arsenic	1.6		1.6	µg/L	U	
CWC274997	CWCMBB	05/07/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274997	CWCMBB	05/07/24	Metals	Vanadium	4		4	µg/L	U	
CWC274997	CWCMBB	05/07/24	Alpha Spectroscopy	Th-228	0.487	0.421	0.45	pCi/L	J	T04, T20
CWC274997	CWCMBB	05/07/24	Alpha Spectroscopy	U-234	0.478	0.413	0.442	pCi/L	J	T04, T20
CWC274997	CWCMBB	05/07/24	Alpha Spectroscopy	Th-230	0.445	0.425	0.612	pCi/L	UJ	T04, T05
CWC274997	CWCMBB	05/07/24	Alpha Spectroscopy	Th-232	0	0.239	0.623	pCi/L	UJ	T06
CWC274997	CWCMBB	05/07/24	Alpha Spectroscopy	Ra-226	0.136	0.255	0.572	pCi/L	UJ	T06
CWC274997	CWCMBB	05/07/24	Alpha Spectroscopy	U-235	0	0.29	0.755	pCi/L	UJ	T06
CWC274997	CWCMBB	05/07/24	Alpha Spectroscopy	U-238	0.497	0.442	0.61	pCi/L	UJ	T04, T05
CWC274998	CWCMBB	05/08/24	Metals	Barium	96		0.69	µg/L	=	
CWC274998	CWCMBB	05/08/24	Metals	Molybdenum	10		2	µg/L	=	
CWC274998	CWCMBB	05/08/24	Metals	Antimony	0.37		0.29	µg/L	=	
CWC274998	CWCMBB	05/08/24	Metals	Arsenic	2.3		1.6	µg/L	=	
CWC274998	CWCMBB	05/08/24	Metals	Cadmium	0.088		0.06	µg/L	=	
CWC274998	CWCMBB	05/08/24	Metals	Selenium	2.1		0.67	µg/L	=	
CWC274998	CWCMBB	05/08/24	Metals	Nickel	2.4		0.89	µg/L	J	F01
CWC274998	CWCMBB	05/08/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC274998	CWCMBB	05/08/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274998	CWCMBB	05/08/24	Metals	Vanadium	4		4	µg/L	U	
CWC274998	CWCMBB	05/08/24	Alpha Spectroscopy	Th-228	0.476	0.412	0.44	pCi/L	J	T04, T20
CWC274998	CWCMBB	05/08/24	Alpha Spectroscopy	Th-230	0.913	0.584	0.611	pCi/L	J	F01, T04, T20
CWC274998	CWCMBB	05/08/24	Alpha Spectroscopy	U-234	0.886	0.532	0.4	pCi/L	J	T04, T20
CWC274998	CWCMBB	05/08/24	Alpha Spectroscopy	Th-232	0.414	0.408	0.609	pCi/L	UJ	T04, T05
CWC274998	CWCMBB	05/08/24	Alpha Spectroscopy	Ra-226	0.0742	0.235	0.624	pCi/L	UJ	T06
CWC274998	CWCMBB	05/08/24	Alpha Spectroscopy	U-235	0.093	0.263	0.684	pCi/L	UJ	T06

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC274998	CWCMBB	05/08/24	Alpha Spectroscopy	U-238	0.357	0.34	0.399	pCi/L	UJ	T04, T05
CWC274999	CWCMBB	05/09/24	Metals	Barium	82		0.69	µg/L	=	
CWC274999	CWCMBB	05/09/24	Metals	Molybdenum	18		2	µg/L	=	
CWC274999	CWCMBB	05/09/24	Metals	Nickel	6.6		0.89	µg/L	J	F01
CWC274999	CWCMBB	05/09/24	Metals	Antimony	0.54		0.29	µg/L	=	
CWC274999	CWCMBB	05/09/24	Metals	Arsenic	2		1.6	µg/L	=	
CWC274999	CWCMBB	05/09/24	Metals	Cadmium	0.092		0.06	µg/L	=	
CWC274999	CWCMBB	05/09/24	Metals	Chromium	1.4		1.3	µg/L	=	
CWC274999	CWCMBB	05/09/24	Metals	Selenium	2.7		0.67	µg/L	=	
CWC274999	CWCMBB	05/09/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC274999	CWCMBB	05/09/24	Metals	Vanadium	4		4	µg/L	U	
CWC274999	CWCMBB	05/09/24	Alpha Spectroscopy	Th-230	0.543	0.47	0.502	pCi/L	J	F01, T04, T20
CWC274999	CWCMBB	05/09/24	Alpha Spectroscopy	U-234	1.88	0.87	0.586	pCi/L	=	
CWC274999	CWCMBB	05/09/24	Alpha Spectroscopy	U-238	1.28	0.722	0.673	pCi/L	J	T04, T20
CWC274999	CWCMBB	05/09/24	Alpha Spectroscopy	Th-228	0.661	0.54	0.694	pCi/L	UJ	T04, T05
CWC274999	CWCMBB	05/09/24	Alpha Spectroscopy	Th-232	0.0472	0.2	0.602	pCi/L	UJ	T06
CWC274999	CWCMBB	05/09/24	Alpha Spectroscopy	Ra-226	0.073	0.292	0.786	pCi/L	UJ	T06
CWC274999	CWCMBB	05/09/24	Alpha Spectroscopy	U-235	0.0849	0.234	0.601	pCi/L	UJ	T06
CWC275000	CWCMBB	05/10/24	Metals	Barium	100		0.69	µg/L	=	
CWC275000	CWCMBB	05/10/24	Metals	Molybdenum	8.8		2	µg/L	=	
CWC275000	CWCMBB	05/10/24	Metals	Antimony	0.31		0.29	µg/L	=	
CWC275000	CWCMBB	05/10/24	Metals	Arsenic	2.3		1.6	µg/L	=	
CWC275000	CWCMBB	05/10/24	Metals	Nickel	2.1		0.89	µg/L	=	
CWC275000	CWCMBB	05/10/24	Metals	Selenium	1.6		0.67	µg/L	=	
CWC275000	CWCMBB	05/10/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275000	CWCMBB	05/10/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275000	CWCMBB	05/10/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275000	CWCMBB	05/10/24	Metals	Vanadium	4		4	µg/L	U	
CWC275000	CWCMBB	05/10/24	Alpha Spectroscopy	Th-230	0.598	0.477	0.595	pCi/L	J	F01, T04, T20
CWC275000	CWCMBB	05/10/24	Alpha Spectroscopy	Th-228	0.391	0.373	0.437	pCi/L	UJ	T04, T05
CWC275000	CWCMBB	05/10/24	Alpha Spectroscopy	Th-232	0	0.233	0.606	pCi/L	UJ	T06
CWC275000	CWCMBB	05/10/24	Alpha Spectroscopy	Ra-226	-0.0338	0.243	0.791	pCi/L	UJ	T06
CWC275000	CWCMBB	05/10/24	Alpha Spectroscopy	U-234	0.736	0.601	0.774	pCi/L	UJ	T04, T05
CWC275000	CWCMBB	05/10/24	Alpha Spectroscopy	U-235	0.13	0.367	0.955	pCi/L	UJ	T06
CWC275000	CWCMBB	05/10/24	Alpha Spectroscopy	U-238	0.419	0.471	0.771	pCi/L	UJ	T06

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275001	CWCMBB	05/13/24	Metals	Barium	120		0.69	µg/L	=	
CWC275001	CWCMBB	05/13/24	Metals	Molybdenum	7.3		2	µg/L	=	
CWC275001	CWCMBB	05/13/24	Metals	Arsenic	2.6		1.6	µg/L	=	
CWC275001	CWCMBB	05/13/24	Metals	Nickel	2.3		0.89	µg/L	=	
CWC275001	CWCMBB	05/13/24	Metals	Selenium	1.9		0.67	µg/L	=	
CWC275001	CWCMBB	05/13/24	Metals	Antimony	0.29		0.29	µg/L	U	
CWC275001	CWCMBB	05/13/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275001	CWCMBB	05/13/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275001	CWCMBB	05/13/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275001	CWCMBB	05/13/24	Metals	Vanadium	4		4	µg/L	U	
CWC275001	CWCMBB	05/13/24	Alpha Spectroscopy	Th-230	0.922	0.658	0.754	pCi/L	J	F01, T04, T20
CWC275001	CWCMBB	05/13/24	Alpha Spectroscopy	U-234	1.19	0.714	0.536	pCi/L	J	T04, T20
CWC275001	CWCMBB	05/13/24	Alpha Spectroscopy	Th-228	0.486	0.464	0.543	pCi/L	UJ	T04, T05
CWC275001	CWCMBB	05/13/24	Alpha Spectroscopy	Th-232	-0.0256	0.211	0.543	pCi/L	UJ	T06
CWC275001	CWCMBB	05/13/24	Alpha Spectroscopy	Ra-226	0	0.174	0.598	pCi/L	UJ	T06
CWC275001	CWCMBB	05/13/24	Alpha Spectroscopy	U-235	0	0.352	0.916	pCi/L	UJ	T06
CWC275001	CWCMBB	05/13/24	Alpha Spectroscopy	U-238	0.301	0.403	0.739	pCi/L	UJ	T06
CWC275002	CWCMBB	05/15/24	Metals	Barium	63		0.69	µg/L	=	
CWC275002	CWCMBB	05/15/24	Metals	Molybdenum	6.9		2	µg/L	=	
CWC275002	CWCMBB	05/15/24	Metals	Antimony	0.48		0.29	µg/L	=	
CWC275002	CWCMBB	05/15/24	Metals	Arsenic	1.6		1.6	µg/L	=	
CWC275002	CWCMBB	05/15/24	Metals	Cadmium	0.062		0.06	µg/L	=	
CWC275002	CWCMBB	05/15/24	Metals	Nickel	2.5		0.89	µg/L	=	
CWC275002	CWCMBB	05/15/24	Metals	Selenium	1.4		0.67	µg/L	=	
CWC275002	CWCMBB	05/15/24	Metals	Chromium	1.8		1.3	µg/L	J	F01
CWC275002	CWCMBB	05/15/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275002	CWCMBB	05/15/24	Metals	Vanadium	4		4	µg/L	U	
CWC275002	CWCMBB	05/15/24	Alpha Spectroscopy	Th-230	1.22	0.666	0.6	pCi/L	J	F01, T04, T20
CWC275002	CWCMBB	05/15/24	Alpha Spectroscopy	Th-228	0.0814	0.23	0.599	pCi/L	UJ	T06
CWC275002	CWCMBB	05/15/24	Alpha Spectroscopy	Th-232	0.0813	0.23	0.599	pCi/L	UJ	T06
CWC275002	CWCMBB	05/15/24	Alpha Spectroscopy	Ra-226	0.0658	0.348	0.928	pCi/L	UJ	T06
CWC275002	CWCMBB	05/15/24	Alpha Spectroscopy	U-234	0.167	0.275	0.506	pCi/L	UJ	T06
CWC275002	CWCMBB	05/15/24	Alpha Spectroscopy	U-235	0.118	0.333	0.866	pCi/L	UJ	T06
CWC275002	CWCMBB	05/15/24	Alpha Spectroscopy	U-238	0.38	0.427	0.699	pCi/L	UJ	T06
CWC275003	CWCMBB	05/16/24	Metals	Barium	94		0.69	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275003	CWCMBB	05/16/24	Metals	Molybdenum	8.5		2	µg/L	=	
CWC275003	CWCMBB	05/16/24	Metals	Antimony	0.39		0.29	µg/L	=	
CWC275003	CWCMBB	05/16/24	Metals	Arsenic	2.2		1.6	µg/L	=	
CWC275003	CWCMBB	05/16/24	Metals	Nickel	2.8		0.89	µg/L	=	
CWC275003	CWCMBB	05/16/24	Metals	Selenium	1.8		0.67	µg/L	=	
CWC275003	CWCMBB	05/16/24	Metals	Chromium	1.3		1.3	µg/L	J	F01
CWC275003	CWCMBB	05/16/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275003	CWCMBB	05/16/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275003	CWCMBB	05/16/24	Metals	Vanadium	4		4	µg/L	U	
CWC275003	CWCMBB	05/16/24	Alpha Spectroscopy	Th-230	0.875	0.59	0.644	pCi/L	J	F01, T04, T20
CWC275003	CWCMBB	05/16/24	Alpha Spectroscopy	Th-228	0.525	0.467	0.644	pCi/L	UJ	T04, T05
CWC275003	CWCMBB	05/16/24	Alpha Spectroscopy	Th-232	0.0874	0.247	0.643	pCi/L	UJ	T06
CWC275003	CWCMBB	05/16/24	Alpha Spectroscopy	Ra-226	0.0604	0.241	0.65	pCi/L	UJ	T06
CWC275003	CWCMBB	05/16/24	Alpha Spectroscopy	U-234	0.396	0.377	0.442	pCi/L	UJ	T04, T05
CWC275003	CWCMBB	05/16/24	Alpha Spectroscopy	U-235	0	0.291	0.757	pCi/L	UJ	T06
CWC275003	CWCMBB	05/16/24	Alpha Spectroscopy	U-238	0.29	0.338	0.53	pCi/L	UJ	T06
CWC275004	CWCMBB	05/20/24	Metals	Molybdenum	7.7		2	µg/L	=	
CWC275004	CWCMBB	05/20/24	Metals	Barium	110		0.69	µg/L	=	
CWC275004	CWCMBB	05/20/24	Metals	Antimony	0.34		0.29	µg/L	=	
CWC275004	CWCMBB	05/20/24	Metals	Arsenic	2.5		1.6	µg/L	=	
CWC275004	CWCMBB	05/20/24	Metals	Nickel	1.6		0.89	µg/L	=	
CWC275004	CWCMBB	05/20/24	Metals	Selenium	1.9		0.67	µg/L	=	
CWC275004	CWCMBB	05/20/24	Metals	Cadmium	0.076		0.06	µg/L	J	E01, E08, F01
CWC275004	CWCMBB	05/20/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275004	CWCMBB	05/20/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275004	CWCMBB	05/20/24	Metals	Vanadium	4		4	µg/L	U	
CWC275004	CWCMBB	05/20/24	Alpha Spectroscopy	Th-230	0.702	0.609	0.649	pCi/L	J	T04, T20
CWC275004	CWCMBB	05/20/24	Alpha Spectroscopy	U-234	1.23	0.695	0.647	pCi/L	J	T04, T20
CWC275004	CWCMBB	05/20/24	Alpha Spectroscopy	Th-228	0.61	0.603	0.898	pCi/L	UJ	T04, T05
CWC275004	CWCMBB	05/20/24	Alpha Spectroscopy	Th-232	0	0.345	0.898	pCi/L	UJ	T06
CWC275004	CWCMBB	05/20/24	Alpha Spectroscopy	Ra-226	0.266	0.312	0.559	pCi/L	UJ	T06
CWC275004	CWCMBB	05/20/24	Alpha Spectroscopy	U-235	-0.0271	0.224	0.576	pCi/L	UJ	T06
CWC275004	CWCMBB	05/20/24	Alpha Spectroscopy	U-238	0.613	0.5	0.645	pCi/L	UJ	T04, T05
CWC275005	CWCMBB	05/21/24	Metals	Molybdenum	7.2		2	µg/L	=	
CWC275005	CWCMBB	05/21/24	Metals	Barium	110		0.69	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275005	CWCMBB	05/21/24	Metals	Antimony	0.33		0.29	µg/L	=	
CWC275005	CWCMBB	05/21/24	Metals	Arsenic	2.6		1.6	µg/L	=	
CWC275005	CWCMBB	05/21/24	Metals	Nickel	1.8		0.89	µg/L	=	
CWC275005	CWCMBB	05/21/24	Metals	Selenium	1.8		0.67	µg/L	=	
CWC275005	CWCMBB	05/21/24	Metals	Cadmium	0.098		0.06	µg/L	J	E01, E08, F01
CWC275005	CWCMBB	05/21/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275005	CWCMBB	05/21/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275005	CWCMBB	05/21/24	Metals	Vanadium	4		4	µg/L	U	
CWC275005	CWCMBB	05/21/24	Alpha Spectroscopy	U-234	0.405	0.35	0.374	pCi/L	J	T04, T20
CWC275005	CWCMBB	05/21/24	Alpha Spectroscopy	U-238	0.544	0.402	0.373	pCi/L	J	T04, T20
CWC275005	CWCMBB	05/21/24	Alpha Spectroscopy	Th-228	0.587	0.523	0.72	pCi/L	UJ	T04, T05
CWC275005	CWCMBB	05/21/24	Alpha Spectroscopy	Th-230	0.685	0.56	0.721	pCi/L	UJ	T04, T05
CWC275005	CWCMBB	05/21/24	Alpha Spectroscopy	Th-232	0.0733	0.202	0.519	pCi/L	UJ	T06
CWC275005	CWCMBB	05/21/24	Alpha Spectroscopy	Ra-226	-8.32E-09	0.171	0.586	pCi/L	UJ	T06
CWC275005	CWCMBB	05/21/24	Alpha Spectroscopy	U-235	-0.0217	0.179	0.462	pCi/L	UJ	T06
CWC275006	CWCMBB	05/22/24	Metals	Molybdenum	6.7		2	µg/L	=	
CWC275006	CWCMBB	05/22/24	Metals	Barium	77		0.69	µg/L	=	
CWC275006	CWCMBB	05/22/24	Metals	Antimony	0.6		0.29	µg/L	=	
CWC275006	CWCMBB	05/22/24	Metals	Arsenic	2.3		1.6	µg/L	=	
CWC275006	CWCMBB	05/22/24	Metals	Nickel	2		0.89	µg/L	=	
CWC275006	CWCMBB	05/22/24	Metals	Selenium	1.3		0.67	µg/L	=	
CWC275006	CWCMBB	05/22/24	Metals	Cadmium	0.18		0.06	µg/L	J	E01, E08, F01
CWC275006	CWCMBB	05/22/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275006	CWCMBB	05/22/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275006	CWCMBB	05/22/24	Metals	Vanadium	4		4	µg/L	U	
CWC275006	CWCMBB	05/22/24	Alpha Spectroscopy	Th-228	0.595	0.569	0.818	pCi/L	UJ	T04, T05
CWC275006	CWCMBB	05/22/24	Alpha Spectroscopy	Th-230	0.454	0.511	0.835	pCi/L	UJ	T06
CWC275006	CWCMBB	05/22/24	Alpha Spectroscopy	Th-232	0.227	0.394	0.834	pCi/L	UJ	T06
CWC275006	CWCMBB	05/22/24	Alpha Spectroscopy	Ra-226	-0.104	0.27	0.93	pCi/L	UJ	T06
CWC275006	CWCMBB	05/22/24	Alpha Spectroscopy	U-234	0.363	0.358	0.535	pCi/L	UJ	T04, T05
CWC275006	CWCMBB	05/22/24	Alpha Spectroscopy	U-235	0	0.254	0.66	pCi/L	UJ	T06
CWC275006	CWCMBB	05/22/24	Alpha Spectroscopy	U-238	0.0724	0.205	0.533	pCi/L	UJ	T06
CWC275007	CWCMBB	05/23/24	Metals	Barium	43		0.69	µg/L	=	
CWC275007	CWCMBB	05/23/24	Metals	Antimony	0.74		0.29	µg/L	=	
CWC275007	CWCMBB	05/23/24	Metals	Cadmium	0.092		0.06	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275007	CWCMBB	05/23/24	Metals	Chromium	1.8		1.3	µg/L	=	
CWC275007	CWCMBB	05/23/24	Metals	Molybdenum	4.2		2	µg/L	=	
CWC275007	CWCMBB	05/23/24	Metals	Nickel	2.5		0.89	µg/L	J	F01
CWC275007	CWCMBB	05/23/24	Metals	Arsenic	1.6		1.6	µg/L	U	
CWC275007	CWCMBB	05/23/24	Metals	Selenium	0.67		0.67	µg/L	U	
CWC275007	CWCMBB	05/23/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275007	CWCMBB	05/23/24	Metals	Vanadium	4		4	µg/L	U	
CWC275007	CWCMBB	05/23/24	Alpha Spectroscopy	Th-230	1.34	0.779	0.559	pCi/L	J	F01, T04, T20
CWC275007	CWCMBB	05/23/24	Alpha Spectroscopy	Th-228	0.42	0.473	0.773	pCi/L	UJ	T06
CWC275007	CWCMBB	05/23/24	Alpha Spectroscopy	Th-232	0.0788	0.217	0.558	pCi/L	UJ	T06
CWC275007	CWCMBB	05/23/24	Alpha Spectroscopy	Ra-226	0.158	0.228	0.426	pCi/L	UJ	T06
CWC275007	CWCMBB	05/23/24	Alpha Spectroscopy	U-234	0.274	0.308	0.505	pCi/L	UJ	T06
CWC275007	CWCMBB	05/23/24	Alpha Spectroscopy	U-235	0	0.239	0.623	pCi/L	UJ	T06
CWC275007	CWCMBB	05/23/24	Alpha Spectroscopy	U-238	0.188	0.24	0.363	pCi/L	UJ	T06
CWC275008	CWCMBB	05/29/24	Metals	Barium	110		0.69	µg/L	=	
CWC275008	CWCMBB	05/29/24	Metals	Molybdenum	9.9		2	µg/L	=	
CWC275008	CWCMBB	05/29/24	Metals	Antimony	0.43		0.29	µg/L	=	
CWC275008	CWCMBB	05/29/24	Metals	Arsenic	2.6		1.6	µg/L	=	
CWC275008	CWCMBB	05/29/24	Metals	Cadmium	0.12		0.06	µg/L	=	
CWC275008	CWCMBB	05/29/24	Metals	Nickel	2.4		0.89	µg/L	=	
CWC275008	CWCMBB	05/29/24	Metals	Selenium	2.1		0.67	µg/L	=	
CWC275008	CWCMBB	05/29/24	Metals	Chromium	1.4		1.3	µg/L	J	F01
CWC275008	CWCMBB	05/29/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275008	CWCMBB	05/29/24	Metals	Vanadium	4		4	µg/L	U	
CWC275008	CWCMBB	05/29/24	Alpha Spectroscopy	U-234	0.609	0.432	0.498	pCi/L	J	T04, T20
CWC275008	CWCMBB	05/29/24	Alpha Spectroscopy	U-238	0.859	0.495	0.358	pCi/L	J	T04, T20
CWC275008	CWCMBB	05/29/24	Alpha Spectroscopy	Th-228	0.325	0.416	0.627	pCi/L	UJ	T06
CWC275008	CWCMBB	05/29/24	Alpha Spectroscopy	Th-230	0.473	0.532	0.87	pCi/L	UJ	T06
CWC275008	CWCMBB	05/29/24	Alpha Spectroscopy	Th-232	0	0.334	0.869	pCi/L	UJ	T06
CWC275008	CWCMBB	05/29/24	Alpha Spectroscopy	Ra-226	0.0703	0.466	1.36	pCi/L	UJ	T06
CWC275008	CWCMBB	05/29/24	Alpha Spectroscopy	U-235	0	0.236	0.614	pCi/L	UJ	T06
CWC275009	CWCMBB	05/30/24	Metals	Barium	91		0.69	µg/L	=	
CWC275009	CWCMBB	05/30/24	Metals	Molybdenum	8.1		2	µg/L	=	
CWC275009	CWCMBB	05/30/24	Metals	Antimony	0.35		0.29	µg/L	=	
CWC275009	CWCMBB	05/30/24	Metals	Arsenic	2.5		1.6	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275009	CWCMBB	05/30/24	Metals	Cadmium	0.078		0.06	µg/L	=	
CWC275009	CWCMBB	05/30/24	Metals	Nickel	2.6		0.89	µg/L	=	
CWC275009	CWCMBB	05/30/24	Metals	Selenium	1.6		0.67	µg/L	=	
CWC275009	CWCMBB	05/30/24	Metals	Chromium	2.4		1.3	µg/L	J	F01
CWC275009	CWCMBB	05/30/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275009	CWCMBB	05/30/24	Metals	Vanadium	4		4	µg/L	U	
CWC275009	CWCMBB	05/30/24	Alpha Spectroscopy	Th-230	0.928	0.558	0.419	pCi/L	J	T04, T20
CWC275009	CWCMBB	05/30/24	Alpha Spectroscopy	U-234	0.714	0.447	0.353	pCi/L	J	T04, T20
CWC275009	CWCMBB	05/30/24	Alpha Spectroscopy	Th-228	0.394	0.389	0.58	pCi/L	UJ	T04, T05
CWC275009	CWCMBB	05/30/24	Alpha Spectroscopy	Th-232	0.0788	0.223	0.58	pCi/L	UJ	T06
CWC275009	CWCMBB	05/30/24	Alpha Spectroscopy	Ra-226	0.0386	0.318	0.903	pCi/L	UJ	T06
CWC275009	CWCMBB	05/30/24	Alpha Spectroscopy	U-235	0.164	0.284	0.603	pCi/L	UJ	T06
CWC275009	CWCMBB	05/30/24	Alpha Spectroscopy	U-238	0.463	0.377	0.487	pCi/L	UJ	T04, T05
CWC275010	CWCMBB	05/31/24	Metals	Molybdenum	8.1		2	µg/L	=	
CWC275010	CWCMBB	05/31/24	Metals	Barium	110		0.69	µg/L	=	
CWC275010	CWCMBB	05/31/24	Metals	Antimony	0.38		0.29	µg/L	=	
CWC275010	CWCMBB	05/31/24	Metals	Arsenic	2.6		1.6	µg/L	=	
CWC275010	CWCMBB	05/31/24	Metals	Nickel	2.4		0.89	µg/L	=	
CWC275010	CWCMBB	05/31/24	Metals	Selenium	2		0.67	µg/L	=	
CWC275010	CWCMBB	05/31/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275010	CWCMBB	05/31/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275010	CWCMBB	05/31/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275010	CWCMBB	05/31/24	Metals	Vanadium	4		4	µg/L	U	
CWC275010	CWCMBB	05/31/24	Alpha Spectroscopy	Th-230	1.4	0.796	0.66	pCi/L	J	F01, T04, T20
CWC275010	CWCMBB	05/31/24	Alpha Spectroscopy	U-234	0.99	0.633	0.662	pCi/L	J	T04, T20
CWC275010	CWCMBB	05/31/24	Alpha Spectroscopy	Th-228	0.8	0.638	0.88	pCi/L	UJ	T04, T05
CWC275010	CWCMBB	05/31/24	Alpha Spectroscopy	Th-232	0.0516	0.219	0.659	pCi/L	UJ	T06
CWC275010	CWCMBB	05/31/24	Alpha Spectroscopy	Ra-226	0.041	0.272	0.795	pCi/L	UJ	T06
CWC275010	CWCMBB	05/31/24	Alpha Spectroscopy	U-235	0.111	0.314	0.817	pCi/L	UJ	T06
CWC275010	CWCMBB	05/31/24	Alpha Spectroscopy	U-238	0.627	0.512	0.659	pCi/L	UJ	T04, T05
CWC275011	CWCMBB	06/03/24	Metals	Molybdenum	7.3		2	µg/L	=	
CWC275011	CWCMBB	06/03/24	Metals	Barium	93		0.69	µg/L	=	
CWC275011	CWCMBB	06/03/24	Metals	Antimony	0.47		0.29	µg/L	=	
CWC275011	CWCMBB	06/03/24	Metals	Arsenic	2.6		1.6	µg/L	=	
CWC275011	CWCMBB	06/03/24	Metals	Chromium	1.4		1.3	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275011	CWCMBB	06/03/24	Metals	Nickel	2.1		0.89	µg/L	=	
CWC275011	CWCMBB	06/03/24	Metals	Selenium	1.8		0.67	µg/L	=	
CWC275011	CWCMBB	06/03/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC275011	CWCMBB	06/03/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275011	CWCMBB	06/03/24	Metals	Vanadium	4		4	µg/L	U	
CWC275011	CWCMBB	06/03/24	Alpha Spectroscopy	Th-230	0.683	0.544	0.537	pCi/L	J	F01, T04, T20
CWC275011	CWCMBB	06/03/24	Alpha Spectroscopy	U-238	0.89	0.524	0.455	pCi/L	J	T04, T20
CWC275011	CWCMBB	06/03/24	Alpha Spectroscopy	Th-228	0.707	0.578	0.744	pCi/L	UJ	T04, T05
CWC275011	CWCMBB	06/03/24	Alpha Spectroscopy	Th-232	0.202	0.351	0.743	pCi/L	UJ	T06
CWC275011	CWCMBB	06/03/24	Alpha Spectroscopy	Ra-226	0.217	0.308	0.609	pCi/L	UJ	T06
CWC275011	CWCMBB	06/03/24	Alpha Spectroscopy	U-234	0.501	0.408	0.527	pCi/L	UJ	T04, T05
CWC275011	CWCMBB	06/03/24	Alpha Spectroscopy	U-235	0	0.25	0.65	pCi/L	UJ	T06
CWC275012	CWCMBB	06/04/24	Metals	Molybdenum	6.1		2	µg/L	=	
CWC275012	CWCMBB	06/04/24	Metals	Barium	81		0.69	µg/L	=	
CWC275012	CWCMBB	06/04/24	Metals	Antimony	0.57		0.29	µg/L	=	
CWC275012	CWCMBB	06/04/24	Metals	Arsenic	2.2		1.6	µg/L	=	
CWC275012	CWCMBB	06/04/24	Metals	Cadmium	0.082		0.06	µg/L	=	
CWC275012	CWCMBB	06/04/24	Metals	Chromium	2.3		1.3	µg/L	=	
CWC275012	CWCMBB	06/04/24	Metals	Nickel	3.4		0.89	µg/L	=	
CWC275012	CWCMBB	06/04/24	Metals	Selenium	0.85		0.67	µg/L	=	
CWC275012	CWCMBB	06/04/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275012	CWCMBB	06/04/24	Metals	Vanadium	4		4	µg/L	U	
CWC275012	CWCMBB	06/04/24	Alpha Spectroscopy	Th-228	0.106	0.299	0.778	pCi/L	UJ	T06
CWC275012	CWCMBB	06/04/24	Alpha Spectroscopy	Th-230	0.741	0.606	0.779	pCi/L	UJ	T04, T05
CWC275012	CWCMBB	06/04/24	Alpha Spectroscopy	Th-232	0.211	0.367	0.777	pCi/L	UJ	T06
CWC275012	CWCMBB	06/04/24	Alpha Spectroscopy	Ra-226	0.293	0.415	0.822	pCi/L	UJ	T06
CWC275012	CWCMBB	06/04/24	Alpha Spectroscopy	U-234	0.249	0.269	0.353	pCi/L	UJ	T06
CWC275012	CWCMBB	06/04/24	Alpha Spectroscopy	U-235	0.082	0.232	0.603	pCi/L	UJ	T06
CWC275012	CWCMBB	06/04/24	Alpha Spectroscopy	U-238	0.199	0.265	0.487	pCi/L	UJ	T06
CWC275013	CWCMBB	06/05/24	Metals	Molybdenum	6.1		2	µg/L	=	
CWC275013	CWCMBB	06/05/24	Metals	Barium	72		0.69	µg/L	=	
CWC275013	CWCMBB	06/05/24	Metals	Antimony	1.4		0.29	µg/L	=	
CWC275013	CWCMBB	06/05/24	Metals	Arsenic	2.1		1.6	µg/L	=	
CWC275013	CWCMBB	06/05/24	Metals	Cadmium	0.18		0.06	µg/L	=	
CWC275013	CWCMBB	06/05/24	Metals	Chromium	3.5		1.3	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC275013	CWCMBB	06/05/24	Metals	Nickel	3.6		0.89	µg/L	=	
CWC275013	CWCMBB	06/05/24	Metals	Selenium	1.2		0.67	µg/L	=	
CWC275013	CWCMBB	06/05/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275013	CWCMBB	06/05/24	Metals	Vanadium	4		4	µg/L	U	
CWC275013	CWCMBB	06/05/24	Alpha Spectroscopy	Th-228	0.712	0.635	0.874	pCi/L	UJ	T04, T05
CWC275013	CWCMBB	06/05/24	Alpha Spectroscopy	Th-230	0.357	0.478	0.875	pCi/L	UJ	T06
CWC275013	CWCMBB	06/05/24	Alpha Spectroscopy	Th-232	0.356	0.477	0.873	pCi/L	UJ	T06
CWC275013	CWCMBB	06/05/24	Alpha Spectroscopy	Ra-226	0	0.243	0.754	pCi/L	UJ	T06
CWC275013	CWCMBB	06/05/24	Alpha Spectroscopy	U-234	0.301	0.325	0.426	pCi/L	UJ	T06
CWC275013	CWCMBB	06/05/24	Alpha Spectroscopy	U-235	-0.0247	0.204	0.526	pCi/L	UJ	T06
CWC275013	CWCMBB	06/05/24	Alpha Spectroscopy	U-238	0.359	0.364	0.51	pCi/L	UJ	T06
CWC275014	CWCMBB	06/06/24	Metals	Molybdenum	6.2		2	µg/L	=	
CWC275014	CWCMBB	06/06/24	Metals	Barium	92		0.69	µg/L	=	
CWC275014	CWCMBB	06/06/24	Metals	Antimony	0.62		0.29	µg/L	=	
CWC275014	CWCMBB	06/06/24	Metals	Arsenic	2.8		1.6	µg/L	=	
CWC275014	CWCMBB	06/06/24	Metals	Cadmium	0.23		0.06	µg/L	=	
CWC275014	CWCMBB	06/06/24	Metals	Nickel	2		0.89	µg/L	=	
CWC275014	CWCMBB	06/06/24	Metals	Selenium	1.4		0.67	µg/L	=	
CWC275014	CWCMBB	06/06/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC275014	CWCMBB	06/06/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC275014	CWCMBB	06/06/24	Metals	Vanadium	4		4	µg/L	U	
CWC275014	CWCMBB	06/06/24	Alpha Spectroscopy	Th-228	0.67	0.497	0.459	pCi/L	J	F01, T04, T20
CWC275014	CWCMBB	06/06/24	Alpha Spectroscopy	Th-230	1.13	0.661	0.637	pCi/L	J	F01, T04, T20
CWC275014	CWCMBB	06/06/24	Alpha Spectroscopy	Th-232	0.0864	0.245	0.636	pCi/L	UJ	T06
CWC275014	CWCMBB	06/06/24	Alpha Spectroscopy	Ra-226	0.112	0.223	0.501	pCi/L	UJ	T06
CWC275014	CWCMBB	06/06/24	Alpha Spectroscopy	U-234	0.394	0.376	0.44	pCi/L	UJ	T04, T05
CWC275014	CWCMBB	06/06/24	Alpha Spectroscopy	U-235	-0.0256	0.211	0.543	pCi/L	UJ	T06
CWC275014	CWCMBB	06/06/24	Alpha Spectroscopy	U-238	0.206	0.293	0.527	pCi/L	UJ	T06
CWC276210	CWCMBB	06/07/24	Metals	Barium	100		0.69	µg/L	=	
CWC276210	CWCMBB	06/07/24	Metals	Molybdenum	7.4		2	µg/L	=	
CWC276210	CWCMBB	06/07/24	Metals	Antimony	0.56		0.29	µg/L	=	
CWC276210	CWCMBB	06/07/24	Metals	Arsenic	3.1		1.6	µg/L	=	
CWC276210	CWCMBB	06/07/24	Metals	Cadmium	0.088		0.06	µg/L	=	
CWC276210	CWCMBB	06/07/24	Metals	Nickel	4		0.89	µg/L	=	
CWC276210	CWCMBB	06/07/24	Metals	Selenium	1.6		0.67	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276210	CWCMBB	06/07/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276210	CWCMBB	06/07/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276210	CWCMBB	06/07/24	Metals	Vanadium	4		4	µg/L	U	
CWC276210	CWCMBB	06/07/24	Alpha Spectroscopy	Th-230	1.17	0.63	0.421	pCi/L	J	F01, T04, T20
CWC276210	CWCMBB	06/07/24	Alpha Spectroscopy	Th-228	0.218	0.375	0.833	pCi/L	UJ	T06
CWC276210	CWCMBB	06/07/24	Alpha Spectroscopy	Th-232	0.0792	0.224	0.583	pCi/L	UJ	T06
CWC276210	CWCMBB	06/07/24	Alpha Spectroscopy	Ra-226	0.249	0.294	0.48	pCi/L	UJ	T06
CWC276210	CWCMBB	06/07/24	Alpha Spectroscopy	U-234	0.472	0.419	0.579	pCi/L	UJ	T04, T05
CWC276210	CWCMBB	06/07/24	Alpha Spectroscopy	U-235	0	0.274	0.714	pCi/L	UJ	T06
CWC276210	CWCMBB	06/07/24	Alpha Spectroscopy	U-238	0.157	0.272	0.576	pCi/L	UJ	T06
CWC276211	CWCMBB	06/10/24	Metals	Barium	100		0.69	µg/L	=	
CWC276211	CWCMBB	06/10/24	Metals	Molybdenum	8.8		2	µg/L	=	
CWC276211	CWCMBB	06/10/24	Metals	Antimony	0.7		0.29	µg/L	=	
CWC276211	CWCMBB	06/10/24	Metals	Arsenic	2.7		1.6	µg/L	=	
CWC276211	CWCMBB	06/10/24	Metals	Nickel	1.8		0.89	µg/L	=	
CWC276211	CWCMBB	06/10/24	Metals	Selenium	1.8		0.67	µg/L	=	
CWC276211	CWCMBB	06/10/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276211	CWCMBB	06/10/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276211	CWCMBB	06/10/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276211	CWCMBB	06/10/24	Metals	Vanadium	4		4	µg/L	U	
CWC276211	CWCMBB	06/10/24	Alpha Spectroscopy	Th-230	0.986	0.518	0.453	pCi/L	J	F01, T04, T20
CWC276211	CWCMBB	06/10/24	Alpha Spectroscopy	Th-228	0.185	0.254	0.487	pCi/L	UJ	T06
CWC276211	CWCMBB	06/10/24	Alpha Spectroscopy	Th-232	0	0.174	0.453	pCi/L	UJ	T06
CWC276211	CWCMBB	06/10/24	Alpha Spectroscopy	Ra-226	0.102	0.264	0.661	pCi/L	UJ	T06
CWC276211	CWCMBB	06/10/24	Alpha Spectroscopy	U-234	0.542	0.441	0.57	pCi/L	UJ	T04, T05
CWC276211	CWCMBB	06/10/24	Alpha Spectroscopy	U-235	0.0955	0.27	0.703	pCi/L	UJ	T06
CWC276211	CWCMBB	06/10/24	Alpha Spectroscopy	U-238	0.539	0.44	0.567	pCi/L	UJ	T04, T05
CWC276212	CWCMBB	06/11/24	Metals	Barium	110		0.69	µg/L	=	
CWC276212	CWCMBB	06/11/24	Metals	Molybdenum	7.6		2	µg/L	=	
CWC276212	CWCMBB	06/11/24	Metals	Antimony	0.49		0.29	µg/L	=	
CWC276212	CWCMBB	06/11/24	Metals	Arsenic	2.8		1.6	µg/L	=	
CWC276212	CWCMBB	06/11/24	Metals	Nickel	2.3		0.89	µg/L	=	
CWC276212	CWCMBB	06/11/24	Metals	Selenium	1.6		0.67	µg/L	=	
CWC276212	CWCMBB	06/11/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276212	CWCMBB	06/11/24	Metals	Chromium	1.3		1.3	µg/L	U	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276212	CWCMBB	06/11/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276212	CWCMBB	06/11/24	Metals	Vanadium	4		4	µg/L	U	
CWC276212	CWCMBB	06/11/24	Alpha Spectroscopy	Th-230	0.795	0.469	0.406	pCi/L	J	F01, T04, T20
CWC276212	CWCMBB	06/11/24	Alpha Spectroscopy	U-234	0.591	0.448	0.544	pCi/L	J	T04, T20
CWC276212	CWCMBB	06/11/24	Alpha Spectroscopy	Th-228	0.222	0.296	0.577	pCi/L	UJ	T06
CWC276212	CWCMBB	06/11/24	Alpha Spectroscopy	Th-232	-0.0159	0.131	0.337	pCi/L	UJ	T06
CWC276212	CWCMBB	06/11/24	Alpha Spectroscopy	Ra-226	0.2	0.326	0.717	pCi/L	UJ	T06
CWC276212	CWCMBB	06/11/24	Alpha Spectroscopy	U-235	0.0684	0.188	0.484	pCi/L	UJ	T06
CWC276212	CWCMBB	06/11/24	Alpha Spectroscopy	U-238	0.442	0.392	0.542	pCi/L	UJ	T04, T05
CWC276213	CWCMBB	06/12/24	Metals	Barium	110		0.69	µg/L	=	
CWC276213	CWCMBB	06/12/24	Metals	Molybdenum	7.4		2	µg/L	=	
CWC276213	CWCMBB	06/12/24	Metals	Antimony	0.45		0.29	µg/L	=	
CWC276213	CWCMBB	06/12/24	Metals	Arsenic	2.9		1.6	µg/L	=	
CWC276213	CWCMBB	06/12/24	Metals	Nickel	1.6		0.89	µg/L	=	
CWC276213	CWCMBB	06/12/24	Metals	Selenium	1.9		0.67	µg/L	=	
CWC276213	CWCMBB	06/12/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276213	CWCMBB	06/12/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276213	CWCMBB	06/12/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276213	CWCMBB	06/12/24	Metals	Vanadium	4		4	µg/L	U	
CWC276213	CWCMBB	06/12/24	Alpha Spectroscopy	Th-230	1.02	0.614	0.46	pCi/L	J	F01, T04, T20
CWC276213	CWCMBB	06/12/24	Alpha Spectroscopy	U-234	1.05	0.603	0.435	pCi/L	J	T04, T20
CWC276213	CWCMBB	06/12/24	Alpha Spectroscopy	Th-228	0.346	0.399	0.685	pCi/L	UJ	T06
CWC276213	CWCMBB	06/12/24	Alpha Spectroscopy	Th-232	0.0649	0.179	0.459	pCi/L	UJ	T06
CWC276213	CWCMBB	06/12/24	Alpha Spectroscopy	Ra-226	-0.0332	0.149	0.448	pCi/L	UJ	T06
CWC276213	CWCMBB	06/12/24	Alpha Spectroscopy	U-235	-0.0253	0.209	0.537	pCi/L	UJ	T06
CWC276213	CWCMBB	06/12/24	Alpha Spectroscopy	U-238	0.367	0.372	0.521	pCi/L	UJ	T06
CWC276214	CWCMBB	06/13/24	Metals	Barium	110		0.69	µg/L	=	
CWC276214	CWCMBB	06/13/24	Metals	Molybdenum	6.8		2	µg/L	=	
CWC276214	CWCMBB	06/13/24	Metals	Antimony	0.37		0.29	µg/L	=	
CWC276214	CWCMBB	06/13/24	Metals	Arsenic	2.9		1.6	µg/L	=	
CWC276214	CWCMBB	06/13/24	Metals	Nickel	1.9		0.89	µg/L	=	
CWC276214	CWCMBB	06/13/24	Metals	Selenium	1.7		0.67	µg/L	=	
CWC276214	CWCMBB	06/13/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276214	CWCMBB	06/13/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276214	CWCMBB	06/13/24	Metals	Thallium	0.38		0.38	µg/L	U	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276214	CWCMBB	06/13/24	Metals	Vanadium	4		4	µg/L	U	
CWC276214	CWCMBB	06/13/24	Alpha Spectroscopy	Th-228	0.424	0.494	0.938	pCi/L	UJ	T06
CWC276214	CWCMBB	06/13/24	Alpha Spectroscopy	Th-230	0.559	0.484	0.645	pCi/L	UJ	T04, T05
CWC276214	CWCMBB	06/13/24	Alpha Spectroscopy	Th-232	0.0446	0.189	0.57	pCi/L	UJ	T06
CWC276214	CWCMBB	06/13/24	Alpha Spectroscopy	Ra-226	0.108	0.216	0.484	pCi/L	UJ	T06
CWC276214	CWCMBB	06/13/24	Alpha Spectroscopy	U-234	0.715	0.584	0.752	pCi/L	UJ	T04, T05
CWC276214	CWCMBB	06/13/24	Alpha Spectroscopy	U-235	0.126	0.357	0.928	pCi/L	UJ	T06
CWC276214	CWCMBB	06/13/24	Alpha Spectroscopy	U-238	0.407	0.458	0.749	pCi/L	UJ	T06
CWC276215	CWCMBB	06/14/24	Metals	Molybdenum	6.9		2	µg/L	=	
CWC276215	CWCMBB	06/14/24	Metals	Barium	110		0.69	µg/L	=	
CWC276215	CWCMBB	06/14/24	Metals	Antimony	0.52		0.29	µg/L	=	
CWC276215	CWCMBB	06/14/24	Metals	Arsenic	2.8		1.6	µg/L	=	
CWC276215	CWCMBB	06/14/24	Metals	Nickel	1.5		0.89	µg/L	=	
CWC276215	CWCMBB	06/14/24	Metals	Selenium	1.3		0.67	µg/L	=	
CWC276215	CWCMBB	06/14/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276215	CWCMBB	06/14/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276215	CWCMBB	06/14/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276215	CWCMBB	06/14/24	Metals	Vanadium	4		4	µg/L	U	
CWC276215	CWCMBB	06/14/24	Alpha Spectroscopy	Th-230	0.497	0.395	0.412	pCi/L	J	T04, T20
CWC276215	CWCMBB	06/14/24	Alpha Spectroscopy	Th-228	0.147	0.313	0.762	pCi/L	UJ	T06
CWC276215	CWCMBB	06/14/24	Alpha Spectroscopy	Th-232	0	0.208	0.562	pCi/L	UJ	T06
CWC276215	CWCMBB	06/14/24	Alpha Spectroscopy	Ra-226	0.0676	0.214	0.588	pCi/L	UJ	T06
CWC276215	CWCMBB	06/14/24	Alpha Spectroscopy	U-234	0.319	0.358	0.61	pCi/L	UJ	T06
CWC276215	CWCMBB	06/14/24	Alpha Spectroscopy	U-235	0	0.278	0.752	pCi/L	UJ	T06
CWC276215	CWCMBB	06/14/24	Alpha Spectroscopy	U-238	0.397	0.391	0.607	pCi/L	UJ	T04, T05
CWC276216	CWCMBB	06/17/24	Metals	Vanadium	10		4	µg/L	=	
CWC276216	CWCMBB	06/17/24	Metals	Barium	110		0.69	µg/L	=	
CWC276216	CWCMBB	06/17/24	Metals	Antimony	0.46		0.29	µg/L	=	
CWC276216	CWCMBB	06/17/24	Metals	Arsenic	3.7		1.6	µg/L	=	
CWC276216	CWCMBB	06/17/24	Metals	Cadmium	0.062		0.06	µg/L	=	
CWC276216	CWCMBB	06/17/24	Metals	Chromium	5.2		1.3	µg/L	=	
CWC276216	CWCMBB	06/17/24	Metals	Molybdenum	4.8		2	µg/L	=	
CWC276216	CWCMBB	06/17/24	Metals	Nickel	4.4		0.89	µg/L	=	
CWC276216	CWCMBB	06/17/24	Metals	Selenium	2		0.67	µg/L	=	
CWC276216	CWCMBB	06/17/24	Metals	Thallium	0.38		0.38	µg/L	U	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276216	CWCMBB	06/17/24	Alpha Spectroscopy	Th-230	1.11	0.588	0.478	pCi/L	J	T04, T20
CWC276216	CWCMBB	06/17/24	Alpha Spectroscopy	U-234	0.889	0.546	0.516	pCi/L	J	T04, T20
CWC276216	CWCMBB	06/17/24	Alpha Spectroscopy	U-238	0.77	0.517	0.589	pCi/L	J	T04, T20
CWC276216	CWCMBB	06/17/24	Alpha Spectroscopy	Th-228	0.251	0.37	0.803	pCi/L	UJ	T06
CWC276216	CWCMBB	06/17/24	Alpha Spectroscopy	Th-232	0.0715	0.202	0.547	pCi/L	UJ	T06
CWC276216	CWCMBB	06/17/24	Alpha Spectroscopy	Ra-226	0.304	0.351	0.674	pCi/L	UJ	T06
CWC276216	CWCMBB	06/17/24	Alpha Spectroscopy	U-235	0.0238	0.208	0.715	pCi/L	UJ	T06
CWC276217	CWCMBB	06/18/24	Metals	Molybdenum	7.5		2	µg/L	=	
CWC276217	CWCMBB	06/18/24	Metals	Barium	110		0.69	µg/L	=	
CWC276217	CWCMBB	06/18/24	Metals	Antimony	0.42		0.29	µg/L	=	
CWC276217	CWCMBB	06/18/24	Metals	Arsenic	3.4		1.6	µg/L	=	
CWC276217	CWCMBB	06/18/24	Metals	Nickel	2.4		0.89	µg/L	=	
CWC276217	CWCMBB	06/18/24	Metals	Selenium	1.5		0.67	µg/L	=	
CWC276217	CWCMBB	06/18/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276217	CWCMBB	06/18/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276217	CWCMBB	06/18/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276217	CWCMBB	06/18/24	Metals	Vanadium	4		4	µg/L	U	
CWC276217	CWCMBB	06/18/24	Alpha Spectroscopy	Th-230	1.19	0.662	0.483	pCi/L	J	T04, T20
CWC276217	CWCMBB	06/18/24	Alpha Spectroscopy	U-234	0.68	0.523	0.606	pCi/L	J	T04, T20
CWC276217	CWCMBB	06/18/24	Alpha Spectroscopy	Th-228	0.538	0.466	0.646	pCi/L	UJ	T04, T05
CWC276217	CWCMBB	06/18/24	Alpha Spectroscopy	Th-232	-0.0215	0.178	0.482	pCi/L	UJ	T06
CWC276217	CWCMBB	06/18/24	Alpha Spectroscopy	Ra-226	0.12	0.225	0.523	pCi/L	UJ	T06
CWC276217	CWCMBB	06/18/24	Alpha Spectroscopy	U-235	0	0.316	0.856	pCi/L	UJ	T06
CWC276217	CWCMBB	06/18/24	Alpha Spectroscopy	U-238	0.271	0.363	0.691	pCi/L	UJ	T06
CWC276218	CWCMBB	06/19/24	Metals	Molybdenum	6.8		2	µg/L	=	
CWC276218	CWCMBB	06/19/24	Metals	Barium	120		0.69	µg/L	=	
CWC276218	CWCMBB	06/19/24	Metals	Antimony	0.36		0.29	µg/L	=	
CWC276218	CWCMBB	06/19/24	Metals	Arsenic	3.5		1.6	µg/L	=	
CWC276218	CWCMBB	06/19/24	Metals	Nickel	2.6		0.89	µg/L	=	
CWC276218	CWCMBB	06/19/24	Metals	Selenium	1.2		0.67	µg/L	=	
CWC276218	CWCMBB	06/19/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276218	CWCMBB	06/19/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276218	CWCMBB	06/19/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276218	CWCMBB	06/19/24	Metals	Vanadium	4		4	µg/L	U	
CWC276218	CWCMBB	06/19/24	Alpha Spectroscopy	Th-230	1.06	0.669	0.552	pCi/L	J	T04, T20

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276218	CWCMBB	06/19/24	Alpha Spectroscopy	U-238	0.501	0.432	0.488	pCi/L	J	T04, T20
CWC276218	CWCMBB	06/19/24	Alpha Spectroscopy	Th-228	0.32	0.461	0.973	pCi/L	UJ	T06
CWC276218	CWCMBB	06/19/24	Alpha Spectroscopy	Th-232	0	0.279	0.753	pCi/L	UJ	T06
CWC276218	CWCMBB	06/19/24	Alpha Spectroscopy	Ra-226	0.081	0.162	0.379	pCi/L	UJ	T06
CWC276218	CWCMBB	06/19/24	Alpha Spectroscopy	U-234	0.437	0.431	0.669	pCi/L	UJ	T04, T05
CWC276218	CWCMBB	06/19/24	Alpha Spectroscopy	U-235	0.0809	0.223	0.604	pCi/L	UJ	T06
CWC276219	CWCMBB	06/20/24	Metals	Molybdenum	7.1		2	µg/L	=	
CWC276219	CWCMBB	06/20/24	Metals	Barium	120		0.69	µg/L	=	
CWC276219	CWCMBB	06/20/24	Metals	Antimony	0.39		0.29	µg/L	=	
CWC276219	CWCMBB	06/20/24	Metals	Arsenic	3.7		1.6	µg/L	=	
CWC276219	CWCMBB	06/20/24	Metals	Nickel	2.5		0.89	µg/L	=	
CWC276219	CWCMBB	06/20/24	Metals	Selenium	1.6		0.67	µg/L	=	
CWC276219	CWCMBB	06/20/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276219	CWCMBB	06/20/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276219	CWCMBB	06/20/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276219	CWCMBB	06/20/24	Metals	Vanadium	4		4	µg/L	U	
CWC276219	CWCMBB	06/20/24	Alpha Spectroscopy	Th-230	0.8	0.608	0.765	pCi/L	J	T04, T20
CWC276219	CWCMBB	06/20/24	Alpha Spectroscopy	U-234	0.957	0.602	0.499	pCi/L	J	T04, T20
CWC276219	CWCMBB	06/20/24	Alpha Spectroscopy	U-238	0.754	0.542	0.592	pCi/L	J	T04, T20
CWC276219	CWCMBB	06/20/24	Alpha Spectroscopy	Th-228	0.449	0.554	1.12	pCi/L	UJ	T06
CWC276219	CWCMBB	06/20/24	Alpha Spectroscopy	Th-232	0.0748	0.206	0.559	pCi/L	UJ	T06
CWC276219	CWCMBB	06/20/24	Alpha Spectroscopy	Ra-226	-0.032	0.143	0.449	pCi/L	UJ	T06
CWC276219	CWCMBB	06/20/24	Alpha Spectroscopy	U-235	0	0.311	0.84	pCi/L	UJ	T06
CWC276220	CWCMBB-A	06/21/24	Metals	Molybdenum	6.2		2	µg/L	=	
CWC276220	CWCMBB-A	06/21/24	Metals	Barium	100		0.69	µg/L	=	
CWC276220	CWCMBB-A	06/21/24	Metals	Antimony	0.38		0.29	µg/L	=	
CWC276220	CWCMBB-A	06/21/24	Metals	Arsenic	3.4		1.6	µg/L	=	
CWC276220	CWCMBB-A	06/21/24	Metals	Nickel	2.8		0.89	µg/L	=	
CWC276220	CWCMBB-A	06/21/24	Metals	Selenium	1.7		0.67	µg/L	=	
CWC276220	CWCMBB-A	06/21/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276220	CWCMBB-A	06/21/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276220	CWCMBB-A	06/21/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276220	CWCMBB-A	06/21/24	Metals	Vanadium	4		4	µg/L	U	
CWC276220	CWCMBB-A	06/21/24	Alpha Spectroscopy	Th-230	1.12	0.63	0.61	pCi/L	J	T04, T20
CWC276220	CWCMBB-A	06/21/24	Alpha Spectroscopy	U-234	0.531	0.422	0.381	pCi/L	J	T04, T20

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276220	CWCMBB-A	06/21/24	Alpha Spectroscopy	U-238	1.18	0.639	0.493	pCi/L	J	T04, T20
CWC276220	CWCMBB-A	06/21/24	Alpha Spectroscopy	Th-228	0.577	0.494	0.786	pCi/L	UJ	T04, T05
CWC276220	CWCMBB-A	06/21/24	Alpha Spectroscopy	Th-232	0.139	0.229	0.446	pCi/L	UJ	T06
CWC276220	CWCMBB-A	06/21/24	Alpha Spectroscopy	Ra-226	0.149	0.298	0.698	pCi/L	UJ	T06
CWC276220	CWCMBB-A	06/21/24	Alpha Spectroscopy	U-235	0	0.275	0.611	pCi/L	UJ	T06
CWC276689	CWCMBB-A	06/27/24	Metals	Molybdenum	9.3		2	µg/L	=	
CWC276689	CWCMBB-A	06/27/24	Metals	Barium	78		0.69	µg/L	=	
CWC276689	CWCMBB-A	06/27/24	Metals	Antimony	0.85		0.29	µg/L	=	
CWC276689	CWCMBB-A	06/27/24	Metals	Arsenic	3		1.6	µg/L	=	
CWC276689	CWCMBB-A	06/27/24	Metals	Chromium	1.3		1.3	µg/L	=	
CWC276689	CWCMBB-A	06/27/24	Metals	Nickel	2		0.89	µg/L	=	
CWC276689	CWCMBB-A	06/27/24	Metals	Selenium	1.3		0.67	µg/L	=	
CWC276689	CWCMBB-A	06/27/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276689	CWCMBB-A	06/27/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276689	CWCMBB-A	06/27/24	Metals	Vanadium	4		4	µg/L	U	
CWC276689	CWCMBB-A	06/27/24	Alpha Spectroscopy	Th-230	0.645	0.49	0.617	pCi/L	J	T04, T20
CWC276689	CWCMBB-A	06/27/24	Alpha Spectroscopy	U-238	0.743	0.499	0.468	pCi/L	J	T04, T20
CWC276689	CWCMBB-A	06/27/24	Alpha Spectroscopy	Th-228	0.524	0.47	0.755	pCi/L	UJ	T04, T05
CWC276689	CWCMBB-A	06/27/24	Alpha Spectroscopy	Th-232	0	0.228	0.616	pCi/L	UJ	T06
CWC276689	CWCMBB-A	06/27/24	Alpha Spectroscopy	Ra-226	0.0973	0.275	0.744	pCi/L	UJ	T06
CWC276689	CWCMBB-A	06/27/24	Alpha Spectroscopy	U-234	0.299	0.335	0.47	pCi/L	UJ	T06
CWC276689	CWCMBB-A	06/27/24	Alpha Spectroscopy	U-235	-0.023	0.19	0.446	pCi/L	UJ	T06
CWC276690	CWCMBB-A	07/02/24	Metals	Molybdenum	6.6		2	µg/L	=	
CWC276690	CWCMBB-A	07/02/24	Metals	Barium	120		0.69	µg/L	=	
CWC276690	CWCMBB-A	07/02/24	Metals	Antimony	0.38		0.29	µg/L	=	
CWC276690	CWCMBB-A	07/02/24	Metals	Arsenic	3.6		1.6	µg/L	=	
CWC276690	CWCMBB-A	07/02/24	Metals	Chromium	1.4		1.3	µg/L	=	
CWC276690	CWCMBB-A	07/02/24	Metals	Nickel	2.2		0.89	µg/L	=	
CWC276690	CWCMBB-A	07/02/24	Metals	Selenium	1.6		0.67	µg/L	=	
CWC276690	CWCMBB-A	07/02/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276690	CWCMBB-A	07/02/24	Metals	Vanadium	4		4	µg/L	U	
CWC276690	CWCMBB-A	07/02/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC276690	CWCMBB-A	07/02/24	Alpha Spectroscopy	Th-230	1.09	0.618	0.492	pCi/L	J	F01, T04, T20
CWC276690	CWCMBB-A	07/02/24	Alpha Spectroscopy	U-234	0.512	0.443	0.507	pCi/L	J	T04, T20
CWC276690	CWCMBB-A	07/02/24	Alpha Spectroscopy	Th-228	0.468	0.416	0.491	pCi/L	UJ	T04, T05

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276690	CWCMBB-A	07/02/24	Alpha Spectroscopy	Th-232	0.214	0.274	0.377	pCi/L	UJ	T06
CWC276690	CWCMBB-A	07/02/24	Alpha Spectroscopy	Ra-226	0.129	0.241	0.452	pCi/L	UJ	T06
CWC276690	CWCMBB-A	07/02/24	Alpha Spectroscopy	U-235	0.0253	0.22	0.626	pCi/L	UJ	T06
CWC276690	CWCMBB-A	07/02/24	Alpha Spectroscopy	U-238	0.408	0.402	0.513	pCi/L	UJ	T04, T05
CWC276691	CWCMBB-A	07/08/24	Metals	Molybdenum	13		2	µg/L	=	
CWC276691	CWCMBB-A	07/08/24	Metals	Barium	120		0.69	µg/L	=	
CWC276691	CWCMBB-A	07/08/24	Metals	Antimony	0.55		0.29	µg/L	=	
CWC276691	CWCMBB-A	07/08/24	Metals	Arsenic	3.6		1.6	µg/L	=	
CWC276691	CWCMBB-A	07/08/24	Metals	Nickel	2.1		0.89	µg/L	=	
CWC276691	CWCMBB-A	07/08/24	Metals	Selenium	2.3		0.67	µg/L	=	
CWC276691	CWCMBB-A	07/08/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276691	CWCMBB-A	07/08/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276691	CWCMBB-A	07/08/24	Metals	Vanadium	4		4	µg/L	U	
CWC276691	CWCMBB-A	07/08/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC276691	CWCMBB-A	07/08/24	Alpha Spectroscopy	Th-230	0.983	0.63	0.562	pCi/L	J	F01, T04, T20
CWC276691	CWCMBB-A	07/08/24	Alpha Spectroscopy	U-234	0.825	0.544	0.409	pCi/L	J	T04, T20
CWC276691	CWCMBB-A	07/08/24	Alpha Spectroscopy	U-238	0.569	0.452	0.408	pCi/L	J	T04, T20
CWC276691	CWCMBB-A	07/08/24	Alpha Spectroscopy	Th-228	0	0	0.855	pCi/L	U	
CWC276691	CWCMBB-A	07/08/24	Alpha Spectroscopy	Th-232	0.0669	0.184	0.432	pCi/L	UJ	T06
CWC276691	CWCMBB-A	07/08/24	Alpha Spectroscopy	Ra-226	0.203	0.287	0.475	pCi/L	UJ	T06
CWC276691	CWCMBB-A	07/08/24	Alpha Spectroscopy	U-235	0.313	0.419	0.656	pCi/L	UJ	T06
CWC276692	CWCMBB-A	07/18/24	Metals	Barium	98		0.69	µg/L	=	
CWC276692	CWCMBB-A	07/18/24	Metals	Molybdenum	13		2	µg/L	=	
CWC276692	CWCMBB-A	07/18/24	Metals	Antimony	0.46		0.29	µg/L	=	
CWC276692	CWCMBB-A	07/18/24	Metals	Arsenic	2.9		1.6	µg/L	=	
CWC276692	CWCMBB-A	07/18/24	Metals	Chromium	1.9		1.3	µg/L	=	
CWC276692	CWCMBB-A	07/18/24	Metals	Nickel	2.4		0.89	µg/L	=	
CWC276692	CWCMBB-A	07/18/24	Metals	Selenium	2.1		0.67	µg/L	=	
CWC276692	CWCMBB-A	07/18/24	Metals	Cadmium	0.064		0.06	µg/L	J	E01, E08
CWC276692	CWCMBB-A	07/18/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276692	CWCMBB-A	07/18/24	Metals	Vanadium	4		4	µg/L	U	
CWC276692	CWCMBB-A	07/18/24	Alpha Spectroscopy	Th-228	0.842	0.64	0.662	pCi/L	J	T04, T20
CWC276692	CWCMBB-A	07/18/24	Alpha Spectroscopy	Th-230	0.948	0.677	0.663	pCi/L	J	F01, T04, T20
CWC276692	CWCMBB-A	07/18/24	Alpha Spectroscopy	U-234	0.601	0.431	0.396	pCi/L	J	T04, T20
CWC276692	CWCMBB-A	07/18/24	Alpha Spectroscopy	Th-232	0.105	0.298	0.662	pCi/L	UJ	T06

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276692	CWCMBB-A	07/18/24	Alpha Spectroscopy	Ra-226	0.0344	0.228	0.546	pCi/L	UJ	T06
CWC276692	CWCMBB-A	07/18/24	Alpha Spectroscopy	U-235	0.153	0.251	0.422	pCi/L	UJ	T06
CWC276692	CWCMBB-A	07/18/24	Alpha Spectroscopy	U-238	0.422	0.381	0.47	pCi/L	UJ	T04, T05
CWC276693	CWCMBB-A	07/22/24	Metals	Barium	120		0.69	µg/L	=	
CWC276693	CWCMBB-A	07/22/24	Metals	Molybdenum	9.4		2	µg/L	=	
CWC276693	CWCMBB-A	07/22/24	Metals	Antimony	0.39		0.29	µg/L	=	
CWC276693	CWCMBB-A	07/22/24	Metals	Arsenic	3.1		1.6	µg/L	=	
CWC276693	CWCMBB-A	07/22/24	Metals	Nickel	2		0.89	µg/L	=	
CWC276693	CWCMBB-A	07/22/24	Metals	Selenium	1.7		0.67	µg/L	=	
CWC276693	CWCMBB-A	07/22/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276693	CWCMBB-A	07/22/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276693	CWCMBB-A	07/22/24	Metals	Vanadium	4		4	µg/L	U	
CWC276693	CWCMBB-A	07/22/24	Metals	Cadmium	0.06		0.06	µg/L	UJ	E01, E08
CWC276693	CWCMBB-A	07/22/24	Alpha Spectroscopy	Th-228	1.1	0.744	0.693	pCi/L	J	T04, T20
CWC276693	CWCMBB-A	07/22/24	Alpha Spectroscopy	U-234	0.753	0.472	0.339	pCi/L	J	T04, T20
CWC276693	CWCMBB-A	07/22/24	Alpha Spectroscopy	Th-230	0.524	0.501	0.534	pCi/L	UJ	T04, T05
CWC276693	CWCMBB-A	07/22/24	Alpha Spectroscopy	Th-232	0.11	0.312	0.693	pCi/L	UJ	T06
CWC276693	CWCMBB-A	07/22/24	Alpha Spectroscopy	Ra-226	0.153	0.307	0.597	pCi/L	UJ	T06
CWC276693	CWCMBB-A	07/22/24	Alpha Spectroscopy	U-235	0.173	0.3	0.544	pCi/L	UJ	T06
CWC276693	CWCMBB-A	07/22/24	Alpha Spectroscopy	U-238	0.174	0.247	0.391	pCi/L	UJ	T06
CWC276694	CWCMBB-A	07/31/24	Metals	Barium	78		0.69	µg/L	=	
CWC276694	CWCMBB-A	07/31/24	Metals	Molybdenum	9		2	µg/L	=	
CWC276694	CWCMBB-A	07/31/24	Metals	Antimony	0.69		0.29	µg/L	=	
CWC276694	CWCMBB-A	07/31/24	Metals	Arsenic	2.8		1.6	µg/L	=	
CWC276694	CWCMBB-A	07/31/24	Metals	Chromium	1.6		1.3	µg/L	=	
CWC276694	CWCMBB-A	07/31/24	Metals	Nickel	2.2		0.89	µg/L	=	
CWC276694	CWCMBB-A	07/31/24	Metals	Selenium	1.6		0.67	µg/L	=	
CWC276694	CWCMBB-A	07/31/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276694	CWCMBB-A	07/31/24	Metals	Vanadium	4		4	µg/L	U	
CWC276694	CWCMBB-A	07/31/24	Metals	Cadmium	0.06		0.06	µg/L	UJ	E01, E08
CWC276694	CWCMBB-A	07/31/24	Alpha Spectroscopy	Th-230	1.52	1.01	0.754	pCi/L	J	F01, T04, T20
CWC276694	CWCMBB-A	07/31/24	Alpha Spectroscopy	U-234	0.448	0.387	0.377	pCi/L	J	T04, T20
CWC276694	CWCMBB-A	07/31/24	Alpha Spectroscopy	Th-228	0.856	0.781	0.872	pCi/L	UJ	T04, T05
CWC276694	CWCMBB-A	07/31/24	Alpha Spectroscopy	Th-232	0.156	0.441	0.978	pCi/L	UJ	T06
CWC276694	CWCMBB-A	07/31/24	Alpha Spectroscopy	Ra-226	0.0256	0.17	0.407	pCi/L	UJ	T06

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276694	CWCMBB-A	07/31/24	Alpha Spectroscopy	U-235	0.0961	0.272	0.605	pCi/L	UJ	T06
CWC276694	CWCMBB-A	07/31/24	Alpha Spectroscopy	U-238	0.388	0.382	0.488	pCi/L	UJ	T04, T05
CWC276695	CWCMBB-A	08/07/24	Metals	Barium	110		0.69	µg/L	=	
CWC276695	CWCMBB-A	08/07/24	Metals	Chromium	71		1.3	µg/L	=	
CWC276695	CWCMBB-A	08/07/24	Metals	Molybdenum	8.9		2	µg/L	=	
CWC276695	CWCMBB-A	08/07/24	Metals	Nickel	110		0.89	µg/L	=	
CWC276695	CWCMBB-A	08/07/24	Metals	Antimony	0.53		0.29	µg/L	=	
CWC276695	CWCMBB-A	08/07/24	Metals	Arsenic	3.9		1.6	µg/L	=	
CWC276695	CWCMBB-A	08/07/24	Metals	Selenium	1.8		0.67	µg/L	=	
CWC276695	CWCMBB-A	08/07/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276695	CWCMBB-A	08/07/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276695	CWCMBB-A	08/07/24	Metals	Vanadium	4		4	µg/L	U	
CWC276695	CWCMBB-A	08/07/24	Alpha Spectroscopy	Th-230	1.14	0.667	0.549	pCi/L	J	F01, T04, T20
CWC276695	CWCMBB-A	08/07/24	Alpha Spectroscopy	U-238	0.514	0.408	0.368	pCi/L	J	T04, T20
CWC276695	CWCMBB-A	08/07/24	Alpha Spectroscopy	Th-228	0.262	0.35	0.549	pCi/L	UJ	T06
CWC276695	CWCMBB-A	08/07/24	Alpha Spectroscopy	Th-232	0.0872	0.247	0.548	pCi/L	UJ	T06
CWC276695	CWCMBB-A	08/07/24	Alpha Spectroscopy	Ra-226	0.216	0.353	0.626	pCi/L	UJ	T06
CWC276695	CWCMBB-A	08/07/24	Alpha Spectroscopy	U-234	0.42	0.381	0.428	pCi/L	UJ	T04, T05
CWC276695	CWCMBB-A	08/07/24	Alpha Spectroscopy	U-235	0	0.267	0.593	pCi/L	UJ	T06
CWC276696	CWCMBB-A	08/13/24	Metals	Barium	76		0.69	µg/L	=	
CWC276696	CWCMBB-A	08/13/24	Metals	Molybdenum	9.7		2	µg/L	=	
CWC276696	CWCMBB-A	08/13/24	Metals	Antimony	0.92		0.29	µg/L	=	
CWC276696	CWCMBB-A	08/13/24	Metals	Arsenic	2.3		1.6	µg/L	=	
CWC276696	CWCMBB-A	08/13/24	Metals	Chromium	1.6		1.3	µg/L	=	
CWC276696	CWCMBB-A	08/13/24	Metals	Nickel	1.8		0.89	µg/L	=	
CWC276696	CWCMBB-A	08/13/24	Metals	Selenium	1.3		0.67	µg/L	=	
CWC276696	CWCMBB-A	08/13/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276696	CWCMBB-A	08/13/24	Metals	Vanadium	4		4	µg/L	U	
CWC276696	CWCMBB-A	08/13/24	Metals	Cadmium	0.06		0.06	µg/L	UJ	E01, E08
CWC276696	CWCMBB-A	08/13/24	Alpha Spectroscopy	Th-228	0.626	0.511	0.562	pCi/L	J	T04, T20
CWC276696	CWCMBB-A	08/13/24	Alpha Spectroscopy	Th-230	0.447	0.442	0.563	pCi/L	UJ	T04, T05
CWC276696	CWCMBB-A	08/13/24	Alpha Spectroscopy	Th-232	0	0.253	0.562	pCi/L	UJ	T06
CWC276696	CWCMBB-A	08/13/24	Alpha Spectroscopy	Ra-226	0.231	0.272	0.386	pCi/L	UJ	T06
CWC276696	CWCMBB-A	08/13/24	Alpha Spectroscopy	U-234	0.262	0.305	0.419	pCi/L	UJ	T06
CWC276696	CWCMBB-A	08/13/24	Alpha Spectroscopy	U-235	0	0.261	0.58	pCi/L	UJ	T06

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276696	CWCMBB-A	08/13/24	Alpha Spectroscopy	U-238	0.298	0.334	0.468	pCi/L	UJ	T06
CWC276697	CWCMBB-A	08/20/24	Metals	Barium	110		0.69	µg/L	=	
CWC276697	CWCMBB-A	08/20/24	Metals	Molybdenum	9.4		2	µg/L	=	
CWC276697	CWCMBB-A	08/20/24	Metals	Antimony	0.56		0.29	µg/L	=	
CWC276697	CWCMBB-A	08/20/24	Metals	Arsenic	4.2		1.6	µg/L	=	
CWC276697	CWCMBB-A	08/20/24	Metals	Nickel	2		0.89	µg/L	=	
CWC276697	CWCMBB-A	08/20/24	Metals	Selenium	2		0.67	µg/L	=	
CWC276697	CWCMBB-A	08/20/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276697	CWCMBB-A	08/20/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276697	CWCMBB-A	08/20/24	Metals	Vanadium	4		4	µg/L	U	
CWC276697	CWCMBB-A	08/20/24	Metals	Cadmium	0.06		0.06	µg/L	U	E01, E08
CWC276697	CWCMBB-A	08/20/24	Alpha Spectroscopy	Th-230	0.855	0.514	0.352	pCi/L	J	F01, T04, T20
CWC276697	CWCMBB-A	08/20/24	Alpha Spectroscopy	U-234	0.697	0.468	0.439	pCi/L	J	T04, T20
CWC276697	CWCMBB-A	08/20/24	Alpha Spectroscopy	U-238	0.868	0.511	0.389	pCi/L	J	T04, T20
CWC276697	CWCMBB-A	08/20/24	Alpha Spectroscopy	Th-228	0.436	0.388	0.457	pCi/L	UJ	T04, T05
CWC276697	CWCMBB-A	08/20/24	Alpha Spectroscopy	Th-232	-0.0182	0.15	0.352	pCi/L	UJ	T06
CWC276697	CWCMBB-A	08/20/24	Alpha Spectroscopy	Ra-226	-3.419E-08	0.234	0.672	pCi/L	UJ	T06
CWC276697	CWCMBB-A	08/20/24	Alpha Spectroscopy	U-235	0.086	0.243	0.541	pCi/L	UJ	T06
CWC276698	CWCMBB-A	08/29/24	Metals	Barium	82		0.69	µg/L	=	
CWC276698	CWCMBB-A	08/29/24	Metals	Molybdenum	7		2	µg/L	=	
CWC276698	CWCMBB-A	08/29/24	Metals	Antimony	0.64		0.29	µg/L	=	
CWC276698	CWCMBB-A	08/29/24	Metals	Arsenic	2.9		1.6	µg/L	=	
CWC276698	CWCMBB-A	08/29/24	Metals	Nickel	2		0.89	µg/L	=	
CWC276698	CWCMBB-A	08/29/24	Metals	Selenium	1.5		0.67	µg/L	=	
CWC276698	CWCMBB-A	08/29/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276698	CWCMBB-A	08/29/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276698	CWCMBB-A	08/29/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276698	CWCMBB-A	08/29/24	Metals	Vanadium	4		4	µg/L	U	
CWC276698	CWCMBB-A	08/29/24	Alpha Spectroscopy	U-234	0.515	0.39	0.405	pCi/L	J	T04, T20
CWC276698	CWCMBB-A	08/29/24	Alpha Spectroscopy	Th-228	0.0491	0.135	0.317	pCi/L	UJ	T06
CWC276698	CWCMBB-A	08/29/24	Alpha Spectroscopy	Th-230	0.393	0.349	0.412	pCi/L	UJ	T04, T05
CWC276698	CWCMBB-A	08/29/24	Alpha Spectroscopy	Th-232	0	0	0.196	pCi/L	U	
CWC276698	CWCMBB-A	08/29/24	Alpha Spectroscopy	Ra-226	0.192	0.277	0.449	pCi/L	UJ	T06
CWC276698	CWCMBB-A	08/29/24	Alpha Spectroscopy	U-235	0	0.225	0.5	pCi/L	UJ	T06
CWC276698	CWCMBB-A	08/29/24	Alpha Spectroscopy	U-238	0.321	0.316	0.403	pCi/L	UJ	T04, T05

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC276699	CWCMBB-A	09/04/24	Metals	Barium	100		0.69	µg/L	=	
CWC276699	CWCMBB-A	09/04/24	Metals	Molybdenum	7.1		2	µg/L	=	
CWC276699	CWCMBB-A	09/04/24	Metals	Antimony	0.4		0.29	µg/L	=	
CWC276699	CWCMBB-A	09/04/24	Metals	Arsenic	3.9		1.6	µg/L	=	
CWC276699	CWCMBB-A	09/04/24	Metals	Nickel	2		0.89	µg/L	=	
CWC276699	CWCMBB-A	09/04/24	Metals	Selenium	1.1		0.67	µg/L	=	
CWC276699	CWCMBB-A	09/04/24	Metals	Cadmium	0.06		0.06	µg/L	U	
CWC276699	CWCMBB-A	09/04/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276699	CWCMBB-A	09/04/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC276699	CWCMBB-A	09/04/24	Metals	Vanadium	4		4	µg/L	U	
CWC276699	CWCMBB-A	09/04/24	Alpha Spectroscopy	U-234	0.87	0.574	0.432	pCi/L	J	T04, T20
CWC276699	CWCMBB-A	09/04/24	Alpha Spectroscopy	U-238	0.711	0.539	0.559	pCi/L	J	T04, T20
CWC276699	CWCMBB-A	09/04/24	Alpha Spectroscopy	Th-228	0.293	0.296	0.365	pCi/L	UJ	T06
CWC276699	CWCMBB-A	09/04/24	Alpha Spectroscopy	Th-230	0.179	0.229	0.315	pCi/L	UJ	T06
CWC276699	CWCMBB-A	09/04/24	Alpha Spectroscopy	Th-232	0	0.184	0.409	pCi/L	UJ	T06
CWC276699	CWCMBB-A	09/04/24	Alpha Spectroscopy	Ra-226	0.0369	0.304	0.691	pCi/L	UJ	T06
CWC276699	CWCMBB-A	09/04/24	Alpha Spectroscopy	U-235	0	0.311	0.692	pCi/L	UJ	T06
CWC276700	CWCMBB-A	09/09/24	Metals	Barium	97		0.69	µg/L	=	
CWC276700	CWCMBB-A	09/09/24	Metals	Molybdenum	5.3		2	µg/L	=	
CWC276700	CWCMBB-A	09/09/24	Metals	Antimony	0.41		0.29	µg/L	=	
CWC276700	CWCMBB-A	09/09/24	Metals	Arsenic	3.2		1.6	µg/L	=	
CWC276700	CWCMBB-A	09/09/24	Metals	Nickel	2.3		0.89	µg/L	=	
CWC276700	CWCMBB-A	09/09/24	Metals	Selenium	1.4		0.67	µg/L	=	
CWC276700	CWCMBB-A	09/09/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC276700	CWCMBB-A	09/09/24	Metals	Vanadium	4		4	µg/L	U	
CWC276700	CWCMBB-A	09/09/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC276700	CWCMBB-A	09/09/24	Metals	Cadmium	0.06		0.06	µg/L	UJ	E01, E08
CWC276700	CWCMBB-A	09/09/24	Alpha Spectroscopy	Th-230	0.459	0.34	0.287	pCi/L	J	F01, T04, T20
CWC276700	CWCMBB-A	09/09/24	Alpha Spectroscopy	U-238	0.68	0.542	0.58	pCi/L	J	T04, T20
CWC276700	CWCMBB-A	09/09/24	Alpha Spectroscopy	Th-228	0.341	0.348	0.504	pCi/L	UJ	T06
CWC276700	CWCMBB-A	09/09/24	Alpha Spectroscopy	Th-232	0.0592	0.168	0.372	pCi/L	UJ	T06
CWC276700	CWCMBB-A	09/09/24	Alpha Spectroscopy	Ra-226	0.039	0.174	0.456	pCi/L	UJ	T06
CWC276700	CWCMBB-A	09/09/24	Alpha Spectroscopy	U-234	0.306	0.387	0.583	pCi/L	UJ	T06
CWC276700	CWCMBB-A	09/09/24	Alpha Spectroscopy	U-235	0	0.329	0.731	pCi/L	UJ	T06
CWC277889	CWCMBB-A	09/16/24	Metals	Barium	110		0.69	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC277889	CWCMBB-A	09/16/24	Metals	Molybdenum	7.2		2	µg/L	=	
CWC277889	CWCMBB-A	09/16/24	Metals	Antimony	0.55		0.29	µg/L	=	
CWC277889	CWCMBB-A	09/16/24	Metals	Arsenic	3.8		1.6	µg/L	=	
CWC277889	CWCMBB-A	09/16/24	Metals	Nickel	2.2		0.89	µg/L	=	
CWC277889	CWCMBB-A	09/16/24	Metals	Selenium	1.5		0.67	µg/L	=	
CWC277889	CWCMBB-A	09/16/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC277889	CWCMBB-A	09/16/24	Metals	Vanadium	4		4	µg/L	U	
CWC277889	CWCMBB-A	09/16/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC277889	CWCMBB-A	09/16/24	Metals	Cadmium	0.06		0.06	µg/L	UJ	E01, E08
CWC277889	CWCMBB-A	09/16/24	Alpha Spectroscopy	Th-228	0.996	0.577	0.515	pCi/L	J	T04, T20
CWC277889	CWCMBB-A	09/16/24	Alpha Spectroscopy	Th-230	1.11	0.596	0.448	pCi/L	J	F01, T04, T20
CWC277889	CWCMBB-A	09/16/24	Alpha Spectroscopy	U-238	0.667	0.512	0.498	pCi/L	J	T04, T20
CWC277889	CWCMBB-A	09/16/24	Alpha Spectroscopy	Th-232	0.217	0.29	0.455	pCi/L	UJ	T06
CWC277889	CWCMBB-A	09/16/24	Alpha Spectroscopy	Ra-226	0.0342	0.227	0.542	pCi/L	UJ	T06
CWC277889	CWCMBB-A	09/16/24	Alpha Spectroscopy	U-234	0.536	0.476	0.561	pCi/L	UJ	T04, T05
CWC277889	CWCMBB-A	09/16/24	Alpha Spectroscopy	U-235	-0.0275	0.227	0.533	pCi/L	UJ	T06
CWC277890	CWCMBB-A	09/25/24	Metals	Barium	72		0.69	µg/L	=	
CWC277890	CWCMBB-A	09/25/24	Metals	Molybdenum	18		0.53	µg/L	=	
CWC277890	CWCMBB-A	09/25/24	Metals	Arsenic	2.3		1.6	µg/L	=	
CWC277890	CWCMBB-A	09/25/24	Metals	Chromium	2.8		1.3	µg/L	=	
CWC277890	CWCMBB-A	09/25/24	Metals	Nickel	1.9		0.89	µg/L	=	
CWC277890	CWCMBB-A	09/25/24	Metals	Selenium	2.7		0.67	µg/L	=	
CWC277890	CWCMBB-A	09/25/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC277890	CWCMBB-A	09/25/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC277890	CWCMBB-A	09/25/24	Metals	Vanadium	4		4	µg/L	U	
CWC277890	CWCMBB-A	09/25/24	Metals	Cadmium	0.2		0.2	µg/L	U	E01, E08
CWC277890	CWCMBB-A	09/25/24	Alpha Spectroscopy	U-238	0.639	0.49	0.477	pCi/L	J	T04, T20
CWC277890	CWCMBB-A	09/25/24	Alpha Spectroscopy	Th-228	0.556	0.521	0.7	pCi/L	UJ	T04, T05
CWC277890	CWCMBB-A	09/25/24	Alpha Spectroscopy	Th-230	0.423	0.451	0.634	pCi/L	UJ	T06
CWC277890	CWCMBB-A	09/25/24	Alpha Spectroscopy	Th-232	0.0222	0.194	0.55	pCi/L	UJ	T06
CWC277890	CWCMBB-A	09/25/24	Alpha Spectroscopy	Ra-226	0.172	0.345	0.646	pCi/L	UJ	T06
CWC277890	CWCMBB-A	09/25/24	Alpha Spectroscopy	U-234	0.406	0.432	0.608	pCi/L	UJ	T06
CWC277890	CWCMBB-A	09/25/24	Alpha Spectroscopy	U-235	-0.0264	0.217	0.51	pCi/L	UJ	T06
CWC277891	CWCMBB-A	10/01/24	Metals	Barium	120		0.69	µg/L	=	
CWC277891	CWCMBB-A	10/01/24	Metals	Molybdenum	12		0.53	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC277891	CWCMBB-A	10/01/24	Metals	Arsenic	3		1.6	µg/L	=	
CWC277891	CWCMBB-A	10/01/24	Metals	Cadmium	0.25		0.2	µg/L	=	
CWC277891	CWCMBB-A	10/01/24	Metals	Chromium	2.2		1.3	µg/L	=	
CWC277891	CWCMBB-A	10/01/24	Metals	Nickel	2.7		0.89	µg/L	=	
CWC277891	CWCMBB-A	10/01/24	Metals	Selenium	2.7		0.67	µg/L	=	
CWC277891	CWCMBB-A	10/01/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC277891	CWCMBB-A	10/01/24	Metals	Vanadium	4		4	µg/L	U	
CWC277891	CWCMBB-A	10/01/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC277891	CWCMBB-A	10/01/24	Alpha Spectroscopy	Th-230	0.848	0.481	0.352	pCi/L	J	F01, T04, T20
CWC277891	CWCMBB-A	10/01/24	Alpha Spectroscopy	U-234	1.07	0.581	0.449	pCi/L	J	T04, T20
CWC277891	CWCMBB-A	10/01/24	Alpha Spectroscopy	U-238	0.568	0.43	0.447	pCi/L	J	T04, T20
CWC277891	CWCMBB-A	10/01/24	Alpha Spectroscopy	Th-228	0.251	0.321	0.515	pCi/L	UJ	T06
CWC277891	CWCMBB-A	10/01/24	Alpha Spectroscopy	Th-232	0.0627	0.178	0.395	pCi/L	UJ	T06
CWC277891	CWCMBB-A	10/01/24	Alpha Spectroscopy	Ra-226	0.328	0.334	0.426	pCi/L	UJ	T06
CWC277891	CWCMBB-A	10/01/24	Alpha Spectroscopy	U-235	0	0.249	0.554	pCi/L	UJ	T06
CWC277892	CWCMBB-A	10/10/24	Metals	Barium	100		0.69	µg/L	=	
CWC277892	CWCMBB-A	10/10/24	Metals	Molybdenum	8.2		0.53	µg/L	=	
CWC277892	CWCMBB-A	10/10/24	Metals	Arsenic	3.2		1.6	µg/L	=	
CWC277892	CWCMBB-A	10/10/24	Metals	Nickel	1.8		0.89	µg/L	=	
CWC277892	CWCMBB-A	10/10/24	Metals	Selenium	1.9		0.67	µg/L	=	
CWC277892	CWCMBB-A	10/10/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC277892	CWCMBB-A	10/10/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC277892	CWCMBB-A	10/10/24	Metals	Vanadium	4		4	µg/L	U	
CWC277892	CWCMBB-A	10/10/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC277892	CWCMBB-A	10/10/24	Metals	Cadmium	0.2		0.2	µg/L	UJ	E01, E08
CWC277892	CWCMBB-A	10/10/24	Alpha Spectroscopy	Th-230	0.796	0.509	0.455	pCi/L	J	F01, T04, T20
CWC277892	CWCMBB-A	10/10/24	Alpha Spectroscopy	U-234	0.751	0.504	0.472	pCi/L	J	T04, T20
CWC277892	CWCMBB-A	10/10/24	Alpha Spectroscopy	Th-228	0.361	0.364	0.483	pCi/L	UJ	T06
CWC277892	CWCMBB-A	10/10/24	Alpha Spectroscopy	Th-232	0.217	0.29	0.454	pCi/L	UJ	T06
CWC277892	CWCMBB-A	10/10/24	Alpha Spectroscopy	Ra-226	0.109	0.217	0.424	pCi/L	UJ	T06
CWC277892	CWCMBB-A	10/10/24	Alpha Spectroscopy	U-235	0	0.262	0.582	pCi/L	UJ	T06
CWC277892	CWCMBB-A	10/10/24	Alpha Spectroscopy	U-238	0.411	0.372	0.419	pCi/L	UJ	T04, T05
CWC277893	CWCMBB-A	10/16/24	Metals	Barium	94		0.69	µg/L	=	
CWC277893	CWCMBB-A	10/16/24	Metals	Molybdenum	6.7		0.53	µg/L	=	
CWC277893	CWCMBB-A	10/16/24	Metals	Arsenic	3.2		1.6	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC277893	CWCMBB-A	10/16/24	Metals	Nickel	1.7		0.89	µg/L	=	
CWC277893	CWCMBB-A	10/16/24	Metals	Selenium	1.8		0.67	µg/L	=	
CWC277893	CWCMBB-A	10/16/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC277893	CWCMBB-A	10/16/24	Metals	Cadmium	0.2		0.2	µg/L	U	
CWC277893	CWCMBB-A	10/16/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC277893	CWCMBB-A	10/16/24	Metals	Vanadium	4		4	µg/L	U	
CWC277893	CWCMBB-A	10/16/24	Metals	Thallium	0.38		0.38	µg/L	UJ	D02
CWC277893	CWCMBB-A	10/16/24	Alpha Spectroscopy	Th-230	0.458	0.364	0.328	pCi/L	J	F01, T04, T20
CWC277893	CWCMBB-A	10/16/24	Alpha Spectroscopy	U-234	0.791	0.496	0.356	pCi/L	J	T04, T20
CWC277893	CWCMBB-A	10/16/24	Alpha Spectroscopy	U-238	0.421	0.363	0.355	pCi/L	J	T04, T20
CWC277893	CWCMBB-A	10/16/24	Alpha Spectroscopy	Th-228	0.39	0.369	0.482	pCi/L	UJ	T04, T05
CWC277893	CWCMBB-A	10/16/24	Alpha Spectroscopy	Th-232	0.0677	0.192	0.426	pCi/L	UJ	T06
CWC277893	CWCMBB-A	10/16/24	Alpha Spectroscopy	Ra-226	0.133	0.231	0.419	pCi/L	UJ	T06
CWC277893	CWCMBB-A	10/16/24	Alpha Spectroscopy	U-235	0.0681	0.187	0.439	pCi/L	UJ	T06
CWC277894	CWCMBB-A	10/23/24	Metals	Barium	95		0.69	µg/L	=	
CWC277894	CWCMBB-A	10/23/24	Metals	Molybdenum	6		0.53	µg/L	=	
CWC277894	CWCMBB-A	10/23/24	Metals	Arsenic	2.7		1.6	µg/L	=	
CWC277894	CWCMBB-A	10/23/24	Metals	Nickel	1.9		0.89	µg/L	=	
CWC277894	CWCMBB-A	10/23/24	Metals	Selenium	1.1		0.67	µg/L	=	
CWC277894	CWCMBB-A	10/23/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC277894	CWCMBB-A	10/23/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC277894	CWCMBB-A	10/23/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC277894	CWCMBB-A	10/23/24	Metals	Vanadium	4		4	µg/L	U	
CWC277894	CWCMBB-A	10/23/24	Metals	Cadmium	0.2		0.2	µg/L	UJ	E01, E08
CWC277894	CWCMBB-A	10/23/24	Alpha Spectroscopy	Th-230	0.586	0.422	0.386	pCi/L	J	F01, T04, T20
CWC277894	CWCMBB-A	10/23/24	Alpha Spectroscopy	U-234	0.389	0.335	0.327	pCi/L	J	T04, T20
CWC277894	CWCMBB-A	10/23/24	Alpha Spectroscopy	U-238	0.455	0.361	0.326	pCi/L	J	T04, T20
CWC277894	CWCMBB-A	10/23/24	Alpha Spectroscopy	Th-228	0.258	0.319	0.49	pCi/L	UJ	T06
CWC277894	CWCMBB-A	10/23/24	Alpha Spectroscopy	Th-232	0	0.195	0.433	pCi/L	UJ	T06
CWC277894	CWCMBB-A	10/23/24	Alpha Spectroscopy	Ra-226	-0.107	0.277	0.753	pCi/L	UJ	T06
CWC277894	CWCMBB-A	10/23/24	Alpha Spectroscopy	U-235	0.0834	0.236	0.525	pCi/L	UJ	T06
CWC277895	CWCMBB-A	11/25/24	Metals	Barium	110		0.69	µg/L	=	
CWC277895	CWCMBB-A	11/25/24	Metals	Molybdenum	8.5		0.53	µg/L	=	
CWC277895	CWCMBB-A	11/25/24	Metals	Arsenic	2.2		1.6	µg/L	=	
CWC277895	CWCMBB-A	11/25/24	Metals	Nickel	1.7		0.89	µg/L	=	

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC277895	CWCMBB-A	11/25/24	Metals	Selenium	1.9		0.67	µg/L	=	
CWC277895	CWCMBB-A	11/25/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC277895	CWCMBB-A	11/25/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC277895	CWCMBB-A	11/25/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC277895	CWCMBB-A	11/25/24	Metals	Vanadium	4		4	µg/L	U	
CWC277895	CWCMBB-A	11/25/24	Metals	Cadmium	0.2		0.2	µg/L	U	E01, E08
CWC277895	CWCMBB-A	11/25/24	Alpha Spectroscopy	Th-230	0.684	0.477	0.378	pCi/L	J	F01, T04, T20
CWC277895	CWCMBB-A	11/25/24	Alpha Spectroscopy	U-234	1.55	0.794	0.574	pCi/L	J	T04, T20
CWC277895	CWCMBB-A	11/25/24	Alpha Spectroscopy	U-238	0.796	0.555	0.44	pCi/L	J	T04, T20
CWC277895	CWCMBB-A	11/25/24	Alpha Spectroscopy	Th-228	0.0586	0.295	0.665	pCi/L	UJ	T06
CWC277895	CWCMBB-A	11/25/24	Alpha Spectroscopy	Th-232	-0.0195	0.161	0.378	pCi/L	UJ	T06
CWC277895	CWCMBB-A	11/25/24	Alpha Spectroscopy	Ra-226	0.221	0.313	0.519	pCi/L	UJ	T06
CWC277895	CWCMBB-A	11/25/24	Alpha Spectroscopy	U-235	0.113	0.319	0.709	pCi/L	UJ	T06
CWC277896	CWCMBB	12/12/24	Metals	Barium	140		0.69	µg/L	=	
CWC277896	CWCMBB	12/12/24	Metals	Molybdenum	10		0.53	µg/L	=	
CWC277896	CWCMBB	12/12/24	Metals	Arsenic	3.6		1.6	µg/L	=	
CWC277896	CWCMBB	12/12/24	Metals	Nickel	2.5		0.89	µg/L	=	
CWC277896	CWCMBB	12/12/24	Metals	Selenium	2.5		0.67	µg/L	=	
CWC277896	CWCMBB	12/12/24	Metals	Antimony	1.1		1.1	µg/L	U	
CWC277896	CWCMBB	12/12/24	Metals	Cadmium	0.2		0.2	µg/L	U	
CWC277896	CWCMBB	12/12/24	Metals	Chromium	1.3		1.3	µg/L	U	
CWC277896	CWCMBB	12/12/24	Metals	Thallium	0.38		0.38	µg/L	U	
CWC277896	CWCMBB	12/12/24	Metals	Vanadium	4		4	µg/L	U	
CWC277896	CWCMBB	12/12/24	Alpha Spectroscopy	Th-228	0.635	0.487	0.561	pCi/L	J	T04, T20
CWC277896	CWCMBB	12/12/24	Alpha Spectroscopy	Th-230	0.599	0.454	0.471	pCi/L	J	F01, T04, T20
CWC277896	CWCMBB	12/12/24	Alpha Spectroscopy	U-234	0.884	0.5	0.367	pCi/L	J	T04, T20
CWC277896	CWCMBB	12/12/24	Alpha Spectroscopy	U-238	0.701	0.439	0.315	pCi/L	J	T04, T20
CWC277896	CWCMBB	12/12/24	Alpha Spectroscopy	Th-232	0.056	0.154	0.362	pCi/L	UJ	T06

Table E-3. CWC Daily Surface Water Data for CY 2024 (Continued)

Sample Name	Station Name	Collection Date	Method	Analyte	Result	DL	Error	Units	VQ	Validation Reason Code
CWC277896	CWCMBB	12/12/24	Alpha Spectroscopy	Ra-226	0.0615	0.246	0.535	pCi/L	UJ	T06
CWC277896	CWCMBB	12/12/24	Alpha Spectroscopy	U-235	0	0.228	0.508	pCi/L	UJ	T06

VQs:

= - Indicates that the data met all QA/QC requirements, and that the parameter has been positively identified and the associated concentration value is accurate.

J - Indicates that the parameter was positively identified; the associated numerical value is the approximate concentration of the parameter in the sample.

U - Indicates that the data met all QA/QC requirements, and that the parameter was analyzed for but was not detected above the reported sample quantitation limit.

UJ - Indicates that the parameter was not detected above the reported sample quantitation limit and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. However, the reported quantitation limit is approximate.

Validation Reason Codes:

E01 - Interference check sample recovery was outside the control limit.

E08 - Professional judgment was used to qualify the data.

F01 - Blanks: Sample data were qualified as a result of the method blank.

T04 - Radionuclide Quantitation: Professional judgment was used to qualify the data.

T05 - Radionuclide Quantitation: Analytical result is less than the associated MDA, but greater than the counting uncertainty.

T06 - Radionuclide Quantitation: Analytical result is less than both the associated counting uncertainty and MDA.

T20 - Radionuclide Quantitation: Analytical result is greater than the associated MDA, with uncertainty 50 percent to 100 percent of the result.

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ATTACHMENT E-1

CALENDAR YEAR 2024 FIELD LOGBOOKS FOR COLDWATER CREEK SURFACE WATER AND SEDIMENT MONITORING

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COC: LE01042024-03ML
LE01042024-04TA

DATE: 1/2/24

FIELD CREW: Lon Hoover ; Jaled King Witness: none

WEATHER: Partly Cloudy, 37°F

WELL ID: N/A SAMPLE ID: CWC273170

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A ZH 1-2-24

EQUIPMENT SERIAL #'S: Horiba = GLW10328B5

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1155 SAMPLE END TIME: 1205

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1150	N/A	N/A	6.90	0.878	27.7	8.47	5.02	319	N/A

ZH 1-2-24

Recorded By: Lon S. Hoover 1/2/24 QA: Hannah Hoover 01/04/24

DATE: 1/2/24

FIELD CREW: Lon Hoover ; Jaled King Witness: none

ZH 1.2.24

WEATHER: Partly Cloudy, 37°F

ZH 1.2.24

DAILY TASK ACTIVITY: 1045 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling for bac. ; metals at CWC HSD-A.

1145 - Arrive at CWC HSD-A and prepare to collect water quality measurements.

1155 - Begin sampling directly from creek.

1205 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

ZH 1.2.24

Recorded By: Lon S. Hoover 1/2/24 QA: Hannah Hoover 01/04/24

COC: LE01042024-06 ML
LE01042024-07A

DATE: 1/3/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Mostly Cloudy, 40°F

WELL ID: N/A SAMPLE ID: CWC 273171

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103285

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1210 SAMPLE END TIME: 1220

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1205	NA	N/A	7.01	0.925	24.7	12.04	4.06	314	N/A

1-3-24 RH

Recorded By: [signature] 1/3/24 QA: [signature] 01/04/24

DATE: 1/3/24

FIELD CREW: Lou Hoover & Jared King Witness: none

RH | 1.3.24

WEATHER: Mostly Cloudy, 40°F

RH | 1.3.24

DAILY TASK ACTIVITY: 1110 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWCHSD-A for Rad. & metals.

1155 - Arrive at CWC HSD and prepare to collect water quality measurements.

1210 - Begin sampling directly from the creek.

1220 - Complete sampling of CWC HSD-A and return to SLAPS to secure samples and off-load equipment.

1-3-24 RH

Recorded By: [signature] 1/3/24 QA: [signature] 01/04/24

COC: LE01042024-0BML
LE01042024-09TA

DATE: 1/4/2024

FIELD CREW: Jared King, Hannah Hutton Witness: none

WEATHER: cloudy, 40°F

WELL ID: N/A SAMPLE ID: CWC 273172

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103285

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1205 SAMPLE END TIME: 1210

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1155	N/A	N/A	6.54	0.972	28.7	9.69	5.47	363	N/A

JK 1-4-2024

Recorded By: 1-4-2024 QA: 01/04/24

DATE: 1-4-2024

FIELD CREW: Jared King ; Hannah Hutton Witness: none

JK/1-4-2024

WEATHER: cloudy, 40°F

JK/1-4-2024

DAILY TASK ACTIVITY:

1100 - Met at SLAPS to calibrate Horiba & load equipment for daily surface water monitoring at HSD, station CWC HSD-A. Preparing to sample for Rad & Metals.

1145 - Arrive at CWC HSD-A and prepare to take water quality measurements.

1155 - Take water quality measurements and prepare to sample for Rad & Metals directly from the creek.

1205 - Begin sampling from CWC HSD-A.

1210 - Concluded sampling, packing up equipment & returning to SLAPS to unload and secure Rad & Metal samples.

JK / 1-4-2024

Recorded By: 1-4-2024 QA: 01/04/24

COC: LE#111024-01WL
" 02TB

DATE: 4/5/24

FIELD CREW: Lea Hoover & Nathan Gross Witness: none

WEATHER: Mostly Cloudy, 38°F

WELL ID: N/A SAMPLE ID: CWC 273176

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103285

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1150 SAMPLE END TIME: 1200

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1145	N/A	N/A	7.15	1.07	29.4	15.41	3.89	316	N/A
					1.5.24				
				ZH					

Recorded By: Lea S. Hoover 4/5/24 QA: 1/16/24

DATE: 1/5/24

FIELD CREW: Lon Hoover & Nathan Gross Witness: none

ZH 1.5.24

WEATHER: Mostly Cloudy, 35°F

ZH 1.5.24

DAILY TASK ACTIVITY: 1050 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC HSD-A for Rad & metals

1130 - Arrive at CWC HSD-A and prepare to collect water quality measurements.

1150 - Begin collecting samples directly from creek.

1200 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

ZH 1.5.24

Recorded By: L.E. Hoover 1/5/24 QA: NJG 1/16/24

COC: LE02012024-01 ML
LE02012024-02TA

DATE: 1/31/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Mostly Sunny, 48°F

WELL ID: N/A SAMPLE ID: CWC 273173

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1003285

BL/2.12.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1100 SAMPLE END TIME: 1110

CWC HSD A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1055	N/A	N/A	6.49	1.51	32.6	7.04	6.58	347	N/A

1-31-24
JH

Recorded By: Jm E. Hoover 1/31/24 QA:

DATE: 1/31/24

FIELD CREW: Lou Hoover & Jared King Witness: none

JH 1.31.24

WEATHER: Mostly Sunny, 48°F

JH 1.31.24

DAILY TASK ACTIVITY: 1020 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC HSD-A.

1050 - Arrive at CWC HSD-A and prepare to collect water quality measurements.

1100 - Begin sampling for Rad & metals collected directly from the creek.

1110 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

1.31.24
JH

Recorded By: Jm E. Hoover 1/31/24 QA: 2/12/24

COC: LE02012024-03ML
LE02012024-04TA

DATE: 2/1/24

FIELD CREW: Lon Hoover & Javed King Witness: none

WEATHER: Partly Cloudy, 49°F

WELL ID: N/A SAMPLE ID: CWC273174

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1803785

BK/2-12-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1045 SAMPLE END TIME: 1055

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTC
1035	N/A	N/A	7.32	1.57	30.2	15.50	6.41	322	N/A

2-1-24 RH

Recorded By: Jon E. Hoover 2/1/24 QA: 2-12-24

DATE: 2-1-24

FIELD CREW: Lon Hoover & Javed King Witness: none

JH 2-1-24

WEATHER: Partly Cloudy, 49°F

JH 2-1-24

DAILY TASK ACTIVITY: 1000 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at GWHSD-A.

1030 - Arrive at CWC HSA-A and prepare to collect water quality measurements.

1045 - Begin sampling for Rad. & metals directly from the creek.

1055 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

RH 2-1-24

Recorded By: Jon E. Hoover 2/1/24 QA: 2/12/24

COC: LE02OB2024-01 ML
LE02OB2024-02 TA

DATE: 2/2/24

FIELD CREW: Lon Hoover ; Nathan Gross Witness: none

WEATHER: Cloudy ; Fog, 41°F

WELL ID: N/A SAMPLE ID: CWC273175

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103285

BK/2.12.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1130 SAMPLE END TIME: 1140

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1125	N/A	N/A	7.15	1.54	25.9	9.94	7.15	761	N/A

ZH 2.2.24

Recorded By: [signature] 2/2/24 QA: [signature] 2.12.24

DATE: 2/2/24

FIELD CREW: Lon Hoover ; Nathan Gross witness: none

ZH 2.2.24

WEATHER: Mostly Cloudy ; Fog, 41°F

ZH 2.2.24

DAILY TASK ACTIVITY: 1045 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC 1150-A.

1115 - Arrive at CWC 1150-A and prepare to collect water quality measurements.

1130 - Begin sampling for Rad & metals directly from the creek.

1140 - Complete sampling and return to SLAPS to secure sample and off-load equipment.

RH 2.2.24

Recorded By: [signature] 2/2/24 QA: [signature] 2.12.24

COC: LE02082024-03ML
LE02082024-04TA

DATE: 2/5/24

FIELD CREW: Lon Hoover & Jared King Witness: none

WEATHER: Mostly Sunny, 47°F

WELL ID: N/A SAMPLE ID: CWC 273 177 ~~273 127~~ TH 2.5.24

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1003285

BK/2.12.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1150 SAMPLE END TIME: 1200

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1145	N/A	N/A	7.29	1.44	15.1	10.02	7.19	326	N/A

TH 2.5.24

Recorded By: Jared King 2/5/24 QA: BZ 2.12.24

DATE: 2/5/24

FIELD CREW: Lon Hoover & Jared King Witness: none

TH 2.5.24

WEATHER: Mostly Sunny, 47°F

JH 2.5.24

DAILY TASK ACTIVITY: 1000 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC HSD-A.

1135- Arrive at CWC HSD-A and prepare to collect water quality measurements.

1150- Begin sampling for Rad & Metals directly from the creek.

1200 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

TH 2.5.24

Recorded By: Jared King 2/5/24 QA: BZ 2.12.24

COC: LEΦ2ΦB2Φ24-Φ5M
LEΦ2ΦB2Φ24-Φ6TA

DATE: 2/6/24

FIELD CREW: Lon Hoover, Hannah Hutton, & Bob Robertson Witness: none

WEATHER: Mostly Sunny, 48°F

WELL ID: N/A SAMPLE ID: CWC273178

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

BK/2.12.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 11Φ5 SAMPLE END TIME: 1115

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
11ΦΦ	N/A	N/A	6.96	1.44	19.4	1Φ.2Φ	7.5Φ	376	N/A

2.6.24
ZH

Recorded By: Jm S. Hutton 2/6/24 QA: BK 2.12.24

DATE: 2/6/24

FIELD CREW: Lon Hoover, Hannah Hutton, & Bob Robertson Witness: none

ZH 2.6.24

WEATHER: Mostly Sunny, 48°F

ZH 2.6.24

DAILY TASK ACTIVITY: 1Φ3Φ - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC HSD-A.

1Φ5Φ - Arrive at CWC HSD-A and prepare to collect water quality measurements.

11Φ5 - Begin sampling for Rad.'s metals directly from creek.

1115 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

2.6.24
ZH

Recorded By: Jm S. Hutton 2/6/24 QA: BK 2.12.24

COC: LE02082024-07ML
LE02082024-08TA

witness: none

DATE: 2/7/24

FIELD CREW: Lon Hoover, Jared King, Hannah Hutton, & Zach Mathews

WEATHER: Mostly Cloudy, 51°F

WELL ID: N/A SAMPLE ID: CWC273179

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

BK/2.12.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1155 SAMPLE END TIME: 1205

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1150	N/A	N/A	6.95	1.44	17.3	8.86	7.11	353	N/A

ZH 2.7.24

Recorded By: [signature] 2/7/24 QA: [signature] 2.12.24

witness: none

DATE: 2/7/24

FIELD CREW: Lon Hoover, Jared King, Hannah Hutton, & Zach Mathews

ZH 2.7.24

WEATHER: Mostly Cloudy, 51°F

ZH 2.7.24

DAILY TASK ACTIVITY: 1110 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC HSD-A.

1140 - Arrive at CWC HSD-A and prepare to collect water quality measurements.

1155 - Begin sampling for Rad.'s metals directly from the creek.

1205 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

2.7.24
ZH

Recorded By: [signature] 2/7/24 QA: [signature] 2.12.24

COC: LE02082024-10ML
LE02082024-11TA

DATE: 2/8/24

FIELD CREW: Lon Hoover & Jared King Witness: none

WEATHER: Mostly Cloudy, Gusty winds, 53°F

WELL ID: N/A SAMPLE ID: CWC 273 1800

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1032B5

BK/ 2.12.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1100 SAMPLE END TIME: 1110

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1055	N/A	N/A	7.45	1.44	18.1	9.33	7.99	329	N/A

ZH 2.8.24

Recorded By: Lon S. Hoover 2/8/24 QA: RK 2.12.24

DATE: 2/8/24

FIELD CREW: Lon Hoover & Jared King Witness: none

ZH 2.8.24

WEATHER: Mostly Cloudy, Gusty winds, 53°F

ZH 2.8.24

DAILY TASK ACTIVITY: 1000- Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC HSD-A.

1045- Arrive at CWC HSD-A and prepare to collect water quality measurements.

1100- Begin sampling for Rad- & metals. directly from the creek.

1110- Complete sampling and return to SLAPS to secure samples and off-load equipment.

ZH 2.8.24

Recorded By: Lon S. Hoover 2/8/24 QA: RK 2.12.24

COC: LE Φ22Φ2Φ24-Φ1 ML
LE Φ22Φ2Φ24-Φ2 TA

DATE: 2/9/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Partly Cloudy, 61°F

WELL ID: N/A SAMPLE ID: CWC273181 (-1 & -2)

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GCW1Φ3785

BK/2.12.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1145 SAMPLE END TIME: 1155

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
114Φ	N/A	N/A	7.Φ6	1.58	12.8	8.64	1Φ.09	337	N/A

2.9.24
ZH

Recorded By: Jared King 2/9/24 QA: BK 2.2Φ.24

DATE: 2/2/24

FIELD CREW: Lou Hoover & Jared King Witness: none

ZH 2.2.24

WEATHER: Partly Cloudy, 61°F

ZH 2.9.24

DAILY TASK ACTIVITY: 1Φ3Φ- Arrive at SLAPS to calibrate Horiba and load equipment for surface water sampling.

1130- Arrive at CWC HSD-A to collect Rad. & metal samples directly from the creek. Prepare to collect water quality measurements before sampling.

1145- Begin sampling of CWC-HSD-A.

1155- Complete sampling of CWC HSD-A and return to SLAPS to secure samples.

ZH 2.9.24

Recorded By: Jared King 2/9/24 QA: 2.2Φ.24

COC: LE Φ215 2024 - Φ1 ML
LE Φ215 2024 - Φ2 TA

DATE: 2/12/24

FIELD CREW: Lou Hoover & Jalad King Witness: none

WEATHER: Mostly Cloudy, 38°F

WELL ID: N/A SAMPLE ID: CWC 273182

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GCW 1Φ3285

BK/ 2.20.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1220 SAMPLE END TIME: 1230

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1215	N/A	N/A	7.24	1.09	129	18.9Φ	7.74	373	N/A

2-12-24
ΥΗ

Recorded By: Jw G. Hoover 2/12/24 QA: RK 2.20.24

DATE: 2/12/24

FIELD CREW: Lou Hoover & Jalad King Witness: none

ΥΗ 2.12.24

WEATHER: Mostly Cloudy, 38°F

ΥΗ 2.12.24

DAILY TASK ACTIVITY: Φ83Φ - Arrive at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC HSΦ-A.

1210 - Arrive at CWC HSΦ-A and prepare to collect water quality measurements.

1215 - Begin sampling for Rad. & metals directly from the creek.

1230 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

ΥΗ 2.12.24

Recorded By: Jw G. Hoover 2/12/24 QA: RK 2.20.24

COC: LE02152024-03 ML
LE02152024-04 TA

DATE: 2/13/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Mostly Sunny, 40°F

WELL ID: N/A SAMPLE ID: CWC273183

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW10S285

BK/2.20.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0850 SAMPLE END TIME: 0855

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0845	N/A	N/A	7.08	1.26	35.5	9.60	5.54	335	N/A

2.13.24
ZH

Recorded By: Lou H. Hoover 2/13/24 QA: RK 2.20.24

DATE: 2/13/24

FIELD CREW: Lou Hoover & Jared King Witness: none

ZH 2.13.24

WEATHER: Mostly Sunny, 40°F

ZH 2.13.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horibas and load equipment For surface water sampling at CWC HSO-A.

0835 - Arrive at CWC HSO-A and prepare to collect water quality measurements.

0850 - Begin sampling for Rad. & metals directly from the creek.

0855 - Complete sampling of CWC HSO-A and return to SLAPS to secure samples and off-load equipment.

2.13.24
ZH

Recorded By: Lou H. Hoover 2/13/24 QA: RK 2.20.24

COC: LE02152024-09NL
LE02152024-10TA

DATE: 2/14/24

FIELD CREW: Lon Hoover & Jared King Witness: none

WEATHER: Mostly Sunny, 50°F

WELL ID: N/A SAMPLE ID: CWC273184

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW10285

BK/2.20.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0845 SAMPLE END TIME: 0850

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0840	N/A	N/A	7.08	1.27	22.6	12.58	6.32	346	N/A

2.14.24
ZH

Recorded By: Lon S. Hoover 2/14/24 QA: 2.20.24

DATE: 2/14/24

FIELD CREW: Lon Hoover & Jared King Witness: none

ZH 2.14.24

WEATHER: Mostly Sunny, 50°F

ZH 2.14.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC HSO-A.

0830 - Arrive at CWC HSO-A and prepare to collect water quality measurements.

0845 - Begin sampling for Rad. & metals directly from the creek.

0850 - Complete sampling of CWC HSO-A.

ZH 2.14.24

Recorded By: Lon S. Hoover 2/14/24 QA: 2.20.24

COC: LE Φ2152Φ24-13 ML
LE Φ2152Φ24-14 TA

DATE: 2/15/24

FIELD CREW: Lon Hoover & Jared King Witness: none

WEATHER: Partly Cloudy, 46°F

WELL ID: N/A SAMPLE ID: CWC273185

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

BK/2.20.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: ΦΦ845 SAMPLE END TIME: Φ85Φ

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ84Φ	N/A	N/A	7.3Φ	1.28	24.8	14.Φ2	7.38	337	N/A

2.15.24
ZH

Recorded By: Jon G. Hoover 2/15/24 QA: 2.2Φ.24

DATE: 2/15/24

FIELD CREW: Lon Hoover & Jared King Witness: none

2H 2.15.24

WEATHER: Partly Cloudy, 46°F

2H 2.15.24

DAILY TASK ACTIVITY: ΦΦ8Φ- Meet at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC HSD-A.

Φ835- Arrive at CWC HSD-A and prepare to collect water quality measurements.

Φ845- Begin sampling for Rad. & metals directly from the creek.

Φ85Φ- Complete sampling and move to HISS for ground water sampling.

2.15.24
ZH

Recorded By: Jon G. Hoover 2/15/24 QA: 2.2Φ.24

COC: LEΦ2222Φ24-Φ3ML
LE Φ2222Φ24-Φ4TA

DATE: 2/19/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Mostly Sunny, 43°F

WELL ID: N/A SAMPLE ID: CWC273186

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

BK/3.4.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Φ9ΦΦ SAMPLE END TIME: Φ91Φ

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ855	N/A	N/A	7.21	5.38	43.2	8.76	3.24	307	N/A

2H 2-19-24

Recorded By: Jared King 2/19/24 QA: BK 3.4.24

DATE: 2/19/24

FIELD CREW: Lou Hoover & Jared King Witness: none

2H 2.19.24

WEATHER: Mostly Sunny, 43°F

2H 2.19.24

DAILY TASK ACTIVITY: Φ8ΦΦ - Arrive at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC HSD-A.

Φ845 - Arrive at CWC HSD-A and prepare to collect water quality measurements.

Φ9ΦΦ - Begin sampling for Rad-T metals directly from creek.

Φ91Φ - Complete sampling at CWC HSD-A.

2H 2-19-24

Recorded By: Jared King 2/19/24 QA: BK 3.4.2024

COC: LEΦ2222Φ24-Φ7ML
LEΦ2222Φ24-ΦBTA

DATE: 2/2Φ/24

FIELD CREW: Lou Hoover, Jared King, & Brad Kohlfeld Witness: none

WEATHER: Partly Sunny, 5Φ°F

WELL ID: N/A SAMPLE ID: CWC273187

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba= GLW103285

BK/3-4-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: ΦΦ9Φ SAMPLE END TIME: Φ9Φ5

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
Φ855	N/A	N/A	6.95	4.82	31.5	11.18	4.8Φ	367	N/A

JH 2.2Φ.24

Recorded By: Lou E. Hoover 2/2Φ/24 QA: BK 3.4.24

DATE: 2/2Φ/24

FIELD CREW: Lou Hoover, Jared King, and Brad Kohlfeld Witness: none

JH 2.2Φ.24

WEATHER: Partly Sunny, 5Φ°F

JH 2.2Φ.24

DAILY TASK ACTIVITY: ΦΒΦΦ - Meet at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC HSD-A.

ΦΒ45- Arrive at CWC HSD-A and prepare to collect water quality measurements.

ΦΦΦ- Begin sampling for Rad.& metals directly from the creek.

Φ9Φ5 - Complete sampling at CWC HSD-A and move to ground water location.

JH 2.2Φ.24

Recorded By: Lou E. Hoover 2/2Φ/24 QA: BK 3.4.24

COC: LE02222024-13 ML
LE02222024-14 TA

DATE: 2/21/24

FIELD CREW: Lou Hoover, Jared King, Brad Kohlfeld, & Zach Mathews Witness: none

WEATHER: Mostly Cloudy & breezy, 51°F

WELL ID: N/A SAMPLE ID: CWC273188

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

BK 3-4-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0850 SAMPLE END TIME: 0855

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
0845	N/A	N/A	6.80	3.49	33.4	7.23	6.57	356	N/A

2-21-24

2H

Recorded By: Lou Hoover 2/21/24 QA: BK 3-4-24

DATE: 2/21/24

FIELD CREW: Lou Hoover, Jared King, Brad Kohlfeld, & Zach Mathews witness: none

2H 2.21.24

WEATHER: Mostly Cloudy & breezy, 51°F

2H 2.21.24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAS to calibrate Horibas and load equipment for surface water sampling at CWC HSD-A.

0840 - Arrive at CWC HSD-A and prepare to collect water quality measurements.

0850 - Begin sampling for Rad.'s metals directly from the creek.

0855 - Complete sampling and move to ball fields for ground water sampling.

2H 2-21-23

Recorded By: Lou Hoover 2/21/24 QA: BK 3-4-24

COC: LE02222024-17ML
LE02222024-18TA

DATE: 2/22/24

FIELD CREW: Lou Hoover, Jared King, & Brad Kohlfeld Witness: none

WEATHER: Mostly Coudy/Overcast, 56°F

WELL ID: N/A SAMPLE ID: CWC 273189

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103285

BK/3.4.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0855 SAMPLE END TIME: 0900

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0850	N/A	N/A	7.03	2.67	31.3	6.36	9.28	339	N/A

ZH 2.22.24

Recorded By: Lou Hoover 2/22/24 QA: 3.4.24

DATE: 2/22/24

FIELD CREW: Lou Hoover, Jared King, & Brad Kohlfeld Witness: none

ZH 2.22.24

WEATHER: Mostly Cloudy, Overcast, 56°F

ZH 2.22.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAS and calibrate Horibas. Loading equipment for surface water sampling at CWC HSD-A.

0840 - Arrive at CWC HSD-A and prepare to collect water quality measurements.

0855 - Begin sampling for Rad. & metals directly from the creek.

0900 - Complete sampling of CWC HSD-A and move to groundwater location.

2.22.24 ZH

Recorded By: Lou Hoover 2/22/24 QA: 3.4.24

LOC: LE02292024-04ML
LE02292024-05TA

DATE: 2/23/24

FIELD CREW: Lou Hoover & Nathan Gross Witness: none

WEATHER: Mostly Sunny, 49°F

WELL ID: N/A SAMPLE ID: CWC27319Ø

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GCW1Ø3285

BK/3.4.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1125 SAMPLE END TIME: 1135

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
112Ø	N/A	N/A	7.11	2.27	26.7	7.52	9.91	349	N/A

TH 2.23.24

Recorded By: Lou S. Hoover 2/23/24 QA: BK 3.4.24

DATE: 2/23/24

FIELD CREW: Lou Hoover & Nathan Gross Witness: none

TH 2.23.24

WEATHER: Mostly Sunny, 49°F

TH 2.23.24

DAILY TASK ACTIVITY: 13Ø - Meet at SLAPS to calibrat Horiba and load equipment for surface water sampling at HSO-A.

111Ø - Arrive at CWC HSO-A and prepare to collect water quality measurements.

1125 - Begin sampling CWC HSO-A for Rad & metals directly from the creek.

1135 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

TH 2.26.24

Recorded By: Lou S. Hoover 2/23/24 QA: BK 3.4.24

COC: LE Φ2292Φ24-Φ6ML
LE Φ2292Φ24-Φ7TA

DATE: 2/26/24

FIELD CREW: Lou Hoover & Jaled King Witness: none

WEATHER: Mostly Sunny, 58°F

WELL ID: N/A SAMPLE ID: CWC273191

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 1Φ3285

BK/3.4.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Φ9Φ5 SAMPLE END TIME: Φ91Φ

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
Φ9ΦΦ	N/A	N/A	7.41	1.89	25.2	3.84	8.44	271	N/A

ZH 2.26.24

Recorded By: [signature] 2/26/24 QA: [signature] 3.4.24

DATE: 2/26/24

FIELD CREW: Lou Hoover & Jaled King Witness: none

ZH 2.26.24

WEATHER: Mostly Sunny, 58°F

ZH 2.26.24

DAILY TASK ACTIVITY: Φ8ΦΦ - Arrive at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC HSD-A.

Φ85Φ - Arrive at CWC HSD-A and prepare to collect water quality measurements.

Φ9Φ5 - Begin sampling CWC HSD-A for Rad & metals directly from the creek.

Φ91Φ - Complete sampling of CWC HSD-A and move to ballfields for ground water sampling.

ZH 2.26.24

Recorded By: [signature] 2/26/24 QA: [signature] 3.4.24

COC: LEØ2292Ø24-1ØML
LEØ2292Ø24-11TA

DATE: 2/27/24

FIELD CREW: Lon Hoover & Jared King Witness: none

WEATHER: Partly Cloudy, 68°F

WELL ID: N/A SAMPLE ID: CWC273192

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103285

BK/3.4.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Ø85Ø SAMPLE END TIME: Ø855

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Ø845	N/A	N/A	7.26	179	23.4	2.89	11.89	292	N/A

2H 2.27.24

Recorded By: Lon S. Hoover 2/27/24 QA: BK 3.4.24

DATE: 2/27/24 2H 2.27.24

FIELD CREW: Lon Hoover & Jared King Witness: none

2H 2.27.24

WEATHER: Partly Cloudy, 68°F

2H 2.27.24

DAILY TASK ACTIVITY: ØBØØ- Meet at SLAPS to calibrate Horibas and load equipment for surface water sampling.

ØB4Ø- Arrive at Cwc HSO-A and prepare to collect water quality measurements.

Ø85Ø- Begin sampling of CWC HSO-A for Rad.'s metals directly from the creek.

Ø855- Complete sampling of CWC HSO-A and move to SLAPS for ground water sampling.

2H 2.27.24

Recorded By: Lon S. Hoover 2/27/24 QA: BK 3.4.24

COC: LEΦ2292Φ24-16ML
LEΦ2292Φ24-17TA

DATE: 2/28/24

FIELD CREW: Lon Hoover ; Jared King Witness: none

WEATHER: Mostly sunny, gusty winds, 26°F

WELL ID: N/A SAMPLE ID: CWC274ΦΦ1

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = 6LW1Φ3285

BK/ 3.4.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: ΦΦ9Φ SAMPLE END TIME: ΦΦ95

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΦ55	N/A	N/A	7.16	1.74	28.4	4.68	1Φ.8Φ	316	N/A

2H 2.28.24

Recorded By: Lon E. Hoover 2/28/24 QA: [signature] 3.4.24

DATE: 2/28/24

FIELD CREW: Lon Hoover ; Jared King Witness: none

2H 2.28.24

WEATHER: Mostly sunny, gusty winds, 26°F

2H 2.28.24

DAILY TASK ACTIVITY: ΦΦ8Φ - Arrive at SLAPS to calibrate Horibas and load equipment for surface water sampling.

ΦΦ45 - Arrive at CWC HSD-A and prepare to collect water quality measurements.

ΦΦΦ9 - Begin sampling for Rad.'s metals directly from the creek.

ΦΦ95 - Complete sampling of CWC HSD-A and move to HSS for ground water sampling.

2H 2.28.24

Recorded By: Lon E. Hoover 2/28/24 QA: [signature] 3.4.24

COC: LEΦ2292Φ24-12ML
LEΦ2292Φ24-13TA

DATE: 2/29/24

FIELD CREW: Lou Hoover & Nathan Gross

WEATHER: Partly Cloudy, 57°F

WELL ID: N/A SAMPLE ID: CWC2744ΦΦ

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW103285

BK/3.11.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Φ855 SAMPLE END TIME: Φ9ΦΦ

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ85Φ	N/A	N/A	7.22	1.75	24.5	4.57	7.57	332	N/A

ZH 2.29.24

Recorded By: Lou S. Hoover 2/29/24 QA: 3.11.24

DATE: 2/29/24

FIELD CREW: Lou Hoover & Jared King Witness: None

ZH | 2.29.24

WEATHER: Partly Cloudy, 57°F

ZH | 2.29.24

DAILY TASK ACTIVITY: Φ8ΦΦ - Meet at SLAPS to calibrates Horibas and load equipment for surface water sampling.

Φ84Φ - Arrive at CWC H5D-A and prepare to collect water quality measurements.

Φ855 - Begin sampling for Rad. & metals directly from the creek.

Φ9ΦΦ - Complete sampling of CWC H5D-A and move to Ball Fields for ground water sampling.

ZH 2.29.24

Recorded By: Lou S. Hoover 2/29/24 QA: 3.11.24

COC: LE03072024-06ML
LE03072024-07TA

DATE: 3/1/24

FIELD CREW: Lon Hoover & Nathan Gross Witness: none

WEATHER: Mostly Sunny, 60°F

WELL ID: N/A SAMPLE ID: CWC2744Q3

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

BK/3.11.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1155 SAMPLE END TIME: 1200

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1150	N/A	N/A	7.12	1.58	19.1	13.85	7.48	336	NA

3.1.24
JH

Recorded By: J.S. Hoover 3/1/24 QA: 3.11.24

DATE: 3/1/24

FIELD CREW: Lon Hoover & Nathan Gross Witness: none

2H 3.1.24

WEATHER: Mostly Sunny, 60°F

2H 3.1.24

DAILY TASK ACTIVITY: 0855 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling.

1140 - Arrive at CWC HSD-A and prepare to collect water quality measurements.

1155 - Begin sampling for Rad. & metals directly from the creek.

1200 - Complete sampling of CWC HSD-A and return to SLAPS to secure samples and off-load equipment.

3.1.24
2H

Recorded By: J.S. Hoover 3/1/24 QA: 3.11.24

LOC: LE03212024-01ML
LE03212024-02TA

DATE: 3/15/24

FIELD CREW: Lou Hoover & Nathan Gross Witness: None

WEATHER: Mostly Cloudy, 44°F & windy

WELL ID: N/A SAMPLE ID: CWC277403

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GW103285

BK / 3.19.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1000 SAMPLE END TIME: 1005

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0955	N/A	N/A	6.76	0.412	14.2	8.13	15.69	323	N/A

3.15.24
ZH

Recorded By: [signature] 3/15/24 QA: [signature] 3.19.24

DATE: 3/15/24

FIELD CREW: Lou Hoover & Nathan Gross Witness: none

ZH 3.15.24

WEATHER: Mostly Cloudy, 44°F & windy

ZH 3.15.24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAPS to calibrate Horiba and load equipment for surface water sampling.

0945 - Arrive at CWC HSO-A and prepare to collect water quality measurements.

1000 - Begin sampling for Rad. & metals directly from the creek.

1005 - Complete sampling of CWC HSO-A and return to SLAPS to secure samples and off-load equipment.

3.15.24
ZH

Recorded By: [signature] 3/15/24 QA: [signature] 3.19.24

COC: LEØ3212Ø24-Ø3ML
LEØ3212Ø24-Ø4TA

DATE: 3/18/24

FIELD CREW: Brad Kohlfeld, Jared King

WEATHER: Sunny, 3Ø°F

WELL ID: N/A SAMPLE ID: CWC2744Ø4

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLWØ3285

BK/3.19.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Ø845 SAMPLE END TIME: Ø85Ø

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	~~µS/cm~~ mS/cm JK 3-18-24 Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Ø845	N/A	N/A	6.69	Ø.882	33.Ø	7.Ø7	9.82	323	N/A

JK 3-18-24

Recorded By: 3-18-24 QA: 3.19.24

DATE: 3/18/24

FIELD CREW: Jared King, Brad Kohlfeld

JK/3-18-24

WEATHER: Sunny, 3Ø°F

JK/3-18-24

DAILY TASK ACTIVITY: BK 3.19.24

ØBØØ - Arrived at SLAPS to load up equipment and calibrate Horiba for surface water sampling. JK 3-18-24

Ø845 - Arrived at ~~HSD~~ CWC HSD-A, prepered & began to take water quality measurements. JK 3-18-24 Began Sampling for Rad & Metals directly from CWC.

~~ØBØØ~~ ØB5Ø - Concluded sampling of CWC HSD-A, and departed JK 3-18-24 for SLDS for groundwater sampling.

JK 3-18-24

Recorded By: 3-18-24 QA: 3.19.24

LOC: LEΦ3212024-Φ7ML
LEΦ3212024-Φ8TA

DATE: 3/19/24

FIELD CREW: Jared King, Brad Kohlfeld

WEATHER: Sunny, 45°F

WELL ID: N/A SAMPLE ID: CWC 274405

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 1Φ3285

JK / 3-19-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Φ945 SAMPLE END TIME: Φ95Φ

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ945	N/A	N/A	6.72	1.Φ9	16.4	9.49	8.26	325	N/A

JK 3-19-24

Recorded By: 3-19-24 QA: 3.21.24

DATE: 3-19-24

FIELD CREW: Jared King, Brad Kohlfeld

JK / 3-19-24

WEATHER: Sunny, 45°F

JK / 3-19-24

DAILY TASK ACTIVITY: BK/3.21.24

Φ92Φ - Met up at SLAPS to load equipment and calibrate the Horiba for surface water sampling.

Φ94Φ - Arrived at CWC-HSD-A and prepare to take water quality measurements.

Φ945 - Begin sampling for Rad & metals straight from CWC.

Φ95Φ - concluded sampling at CWC HSD-A. Loaded up vehicle and departed for groundwater sampling at SLDS.

JK 3-19-24

Recorded By: 3-19-24 QA: 3.21.24

COC: LE03212024-12ML
LE03212024-13TA

DATE: 3-20-24

FIELD CREW: Jared King, Brad Kohlfeld

WEATHER: Sunny, 50°F

WELL ID: N/A SAMPLE ID: CWC274406

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1003285 JK / 3-20-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0835 SAMPLE END TIME: 0840

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0835	N/A	N/A	6.90	1.16	13.3	8.90	9.55	310	N/A

JK 3-20-24

Recorded By: 3-20-24 QA: 3.21.24

DATE: 3-20-24

FIELD CREW: Jared King, Brad Kohlfeld

JK / 3-20-24

WEATHER: Sunny, 50°F

JK / 3-20-24

DAILY TASK ACTIVITY: BK 3.21.24

0745 - Met up at SLAPS to load equipment and calibrate Horiba for surface water sampling at CWC HSD-A.

0830 - Arrived at CWC HSD-A and prepare to take water quality measurements.

0835 - Record water quality measurements. Begin sampling for Rad & Metals directly from the creek.

0840 Concluded sampling at CWC HSD-A. Pack up equipment and depart for groundwater sampling at SLDS.

JK 3-20-24

Recorded By: 3-20-24 QA: 3.21.24

COC: LEΦ3212Φ24-16ML
LEΦ3212Φ24-17TA

DATE: 3/21/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Partly Cloudy, 49°F

WELL ID: N/A SAMPLE ID: CWC274407

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba= 6LW1Φ3285

BK/4.3.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1ΦΦ5 SAMPLE END TIME: 1Φ1Φ

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1ΦΦΦ	N/A	N/A	7.55	1.23	12.4	9.2Φ	9.6Φ	298	N/A

ZH 3.21.24

Recorded By: Lou S. Hoover 3/21/24 QA: 4.3.24

DATE: 3/21/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 3.21.24

WEATHER: Partly Cloudy, 49°F

ZH 3.21.24

DAILY TASK ACTIVITY: ΦΦΦΦ - Arrive at SLAPS to calibrate Horiba and load equipment for surface water sampling.

Φ945 - Arrive at CWC HSD-A and prepare to collect water quality measurements.

1ΦΦ5 - Begin sampling for Rad. & metals directly from the creek.

1Φ1Φ - Complete sampling and return to SLAPS to secure samples.

ZH 3.21.24

Recorded By: Lou S. Hoover 3/21/24 QA: 4.3.24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

4.23.24

Recorded By: QA:

DATE: 4-2-2024

FIELD CREW: Nathan Gross, Brad Kolwfeld Witness: None.

NG / 4-2-24

WEATHER: 64° Cloudy. Heavy rain and T-storms overnight.

NG / 4-2-24

DAILY TASK ACTIVITY: 0800 - Checked USGS streamgage - Coldwater Creek near Black Jack, MO - 06936475. Gage height, feet reached max of 9.20 ft at 0405 which is greater than 6 ft as prescribed in the EMICS for high flows. The discharge reached 3,800 ft³/sec which is >2,000 as prescribed in the EMICS for high flow conditions.
0930 - Met at SLAPS to calibrate and load equipment to collect high flow CWC surface water samples.
0950 - Departed for CWC009 to set up and sample.
1025 - Completed sampling CWC009. Moved to CWC007.
1100 - Completed sampling CWC007. Moved to CWC002.
1130 - Completed sampling CWC002. Returned to SLAPS to unload samples and equipment.
1200 - Departed from SLAPS to Earth City.

NG / 4-2-24

Recorded By: NG 4-2-24 QA: EZ 4-8-24

COC: LEØ4Ø42Ø24-Ø1ML
LEØ4Ø42Ø24-Ø2TA

DATE: 4/2/24

FIELD CREW: Nathan Gross, Brad Kohlfeld

WEATHER: 65° Cloudy

WELL ID: CWCØØ9 SAMPLE ID: CWC27512

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: MIDDLE OF SCREEN:

STARTING WATER LEVEL: FINAL WATER LEVEL:

EVACUATION METHOD:

EQUIPMENT SERIAL #'S: Horiba - GLW1Ø3285

NG/4-2-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1Ø2Ø SAMPLE END TIME: 1Ø2Ø

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Ø2Ø	N/A	N/A	6.55	Ø.351	159	7.98	15.64	337	N/A

NG 4-2-24

Recorded By: NG 4-2-24 QA: 4-8-24

COC: LEØ4Ø42Ø24-Ø1
LEØ4Ø42Ø24-Ø2TA
BK 4-8-24

DATE: 4/2/24

FIELD CREW: Nathan Gross, Brad Kohlfeld

WEATHER: ~~CWCØØ7e~~ NG 4-2-24 66° Cloudy

WELL ID: CWCØØ7 SAMPLE ID: CWC27511

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: MIDDLE OF SCREEN:

STARTING WATER LEVEL: FINAL WATER LEVEL:

EVACUATION METHOD:

EQUIPMENT SERIAL #'S: Horiba - GLW1Ø3285

NG/4-2-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1Ø55 SAMPLE END TIME: 1Ø55

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Ø55	N/A	N/A	7.16	Ø.462	127	6.3Ø	15.46	325	N/A

NG 4-2-24

Recorded By: NG 4-2-24 QA: 4-8-24

COC: LE04042024-01ML
COC: LE04042024-02TA

DATE: 4/2/24

FIELD CREW: Nathan Gross, Brad Kohlfeld

WEATHER: 66° Cloudy

WELL ID: CWC002 SAMPLE ID: CWC275110

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: MIDDLE OF SCREEN:

STARTING WATER LEVEL: FINAL WATER LEVEL:

EVACUATION METHOD:

EQUIPMENT SERIAL #'S: Horiba - GLW103285

MDS 4-2-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1120 SAMPLE END TIME: 1120

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1120	N/A	N/A	7.35	0.519	66.7	7.10	15.20	282.	N/A

MDS 4-2-24

Recorded By: 4-2-24 QA: 4-8-24

DATE: 4/15/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 4.15.24

WEATHER: Mostly Sunny, 82°F

ZH 4.15.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horiba and load equipment for ground water sampling of temporary wells at PW46 investigation area.

1230 - Arrive at #5 (SLA275161) to set up for micro purging of temporary well and sampling for Rad.

1342 - Complete sampling of #5 (SLA275161) and break for lunch.

1500 - Arrive at #6 (SLA275168) to set up for micro purging of temporary well and sampling for Rad.

1605 - Complete sampling of #6 (SLA275168) and move to location #1 (SLA275175).

1612 - Arrive at #1 (SLA275175) to set up for micro purging of temporary well and sampling for Rad.

1772 - Complete sampling of #1 (SLA275175) and return to trailer to secure samples and off-load equipment.

BK 4/22/24

Recorded By: Lou E. Hoover 4/15/24 QA: 4/22/24

COC#: LE04252024-05ML
LE04292024-01TA

DATE: 4/25/24

FIELD CREW: See pg. # 98
"

WEATHER:

WELL ID: N/A SAMPLE ID: CWC275017 CWC275018

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: See pg. #98

BK 5/1/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1200 SAMPLE END TIME: 1205

CWC002

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	~~Sp. Cond. (uS/cm)~~ mS/cm 4.27.24 ZH	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1155	N/A	N/A	7.94	0.890	2.7	7.76	14.12	219	NA

ZH 4-25-24

Recorded By: [signature] 4/25/24 QA: [signature] 5/1/24

DATE: 4/23/24

FIELD CREW: Lon Hoover & Brad Kohlfeld witness: none

ZH 4.23.24

WEATHER: Cloudy & Overcast, 62°F

ZH 4.23.24

DAILY TASK ACTIVITY: 0915 - Meet at SLAPS to calibrate Horiba and load equipment for Surface water and sediment sampling (10 locations) at CWC.

0945 = Arrive at CWC011 to collect surface water and sediment.

1010 - Complete sampling of CWC011.

1040 - Arrive at CWC010 to collect surface water and sediment.

1105 - Complete sampling at CWC010 and break for lunch.

1150 - Arrive at CWC009 to collect surface water and sediment

1225 - Complete sampling of CWC001 and return to SLAPS to secure samples and off-load equipment.

ZH 4.23.24

Recorded By: [signature] 4/23/24 QA: [signature] 5/1/24

DATE: 4/24/24

FIELD CREW: Lan Hoover & Brad Kohlfeld Witness: none

ZH 4.24.24

WEATHER: Sunny, 65°F

ZH 4.24.24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for surface water & sediment sampling of CWC.
0905 - Arrive at CWC00 8 to collect surface water & sediment.
1025 - Complete sampling of CWC00 8. Move to next location.
1055 - Arrive at CWC 007 to collect surface water & sediment
1110 - Complete sampling of CWC007 and break for lunch.
1205 - Arrive at CWC006 to collect surface water & sediment.
1230 - Complete sampling of CWC006 and move to next location.
1300 - Arrive at CWC005 to collect surface water & sediment.
1325 - Complete sampling of CWC005 and return to SLAPS to secure samples and off-load equipment.

4.24.24
ZH

Recorded By: Lan Hoover 4/24/24 QA: BK 5/1/24

ZH 4.23.24

COC#: LE04252024-03ML
LE04252024-06TA

DATE: 4/20 4/23/24

FIELD CREW: Lan Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 62°F

WELL ID: N/A SAMPLE ID: CWC27505 CWC27506

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

BK/5-1-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0955 SAMPLE END TIME: 1000

CWC011

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ µS/cm ZH 4.23.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0950	N/A	N/A	7.04	0.658	10.9	4.80	15.10	311	N/A

ZH 4.23.24

Recorded By: Lan Hoover 4/23/24 QA: BK 5/1/24

COC#: LE04252024-03ML
LE04252024-06TA

DATE: 4/23/24

FIELD CREW: See pg. #87

WEATHER: "

WELL ID: N/A SAMPLE ID: CWC 275 ~~03~~ 03 4.23.24
CWC 275 03 1H

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: See pg. #87
2H 4.23.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1055 SAMPLE END TIME: 1100

CWC0104

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	~~mS/cm~~ ~~(µS/cm)~~ Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1050	N/A	N/A	7.58	0.916	10.4	6.83	15.35	294	N/A

4.23.24

2H

Recorded By: [signature] 4/23/24 QA: [signature] 5/1/24

COC#: LE04252024-03ML
LE04252024-06TA

DATE: 4/23/24

FIELD CREW: See pg. #87

WEATHER: "

WELL ID: N/A SAMPLE ID: CWC 275 03 CWC 275 02

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: See pg. #87
BK 5.1.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1210 SAMPLE END TIME: 1220

CWC0009

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm ~~(µS/cm)~~ Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1200	N/A	N/A	7.43	1.11	1.6	6.53	14.74	300	N/A

2H

4.23.24

Recorded By: [signature] 4/23/24 QA: [signature] 5/1/24

DATE: 4/25/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

LH 4.25.24

WEATHER: Partly Cloudy, 55°F

LH 4.25.24

DAILY TASK ACTIVITY: ~~Meet~~ LH 4.25.24

1000 - Meet at SLAPS to calibrate Horiba and load equipment for CWC surface water & sediment sampling.

1010 - Arrive at CWC004 to collect surface water & sediment.

1030 - Complete sampling of CWC004 & move to next location.

1055 - Arrive at CWC003 to collect surface water & sediment.

1140 - Complete sampling of CWC003 and move to last location.

1145 - Arrive at CWC002 to collect surface water & sediment.

1205 - Complete sampling of CWC002 and return to SLAPS trailer to secure samples and off-load equipment.

LH 4.25.24

Recorded By: LH Hoover 4/25/24 QA: BK 5/1/24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

LH 4.24.24

Recorded By: QA:

COC#: LE04252024-04ML
LE04252024-07TA

DATE: 4/24/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: None

WEATHER: Sunny, 65°F

WELL ID: N/A SAMPLE ID: CWC275Φ29 CWC275Φ3Φ

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

BK/5/1/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1Φ2Φ SAMPLE END TIME: 1Φ25

CWCΦΦ8

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 4.24.24 ZH	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Φ15	N/A	N/A	6.49	Φ.41Φ	47.3	6.97	13.88	346	N/A

4.24.24 ZH

Recorded By: Lon Hoover 4/27/24 QA: BK 5/1/24

COC#: LE04252024-04ML
LE04252024-07TA

DATE: 4/24/24

FIELD CREW: See pg. #92

WEATHER: "

WELL ID: N/A SAMPLE ID: CWC275Φ27 CCW275Φ2Φ

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: See pg. #92

BK/5/1/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 11Φ5 SAMPLE END TIME: 111Φ

CWCΦΦ7

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. mS/cm 4.24.24 ZH	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1ΦΦ	N/A	N/A	7.1Φ	Φ.521	58.8	6.6Φ	13.94	309	N/A

4-24-24 ZH

Recorded By: Lon Hoover 4/24/24 QA: BK 5-1-24

DATE: ~~3/24/24~~ 4.24.24 4/24/24

COC#: ~~LE0420~~ LE04252025- BK 4.30.24

COC#: LE04252024-04ML
LE04252024-07A

FIELD CREW: See pg. #92

"

WEATHER:

WELL ID: N/A

SAMPLE ID: CWC275025
CWC47026

TOTAL DEPTH: N/A

WELL DIAMETER: N/A

SCREEN INTERVAL: N/A

MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A

FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: See pg. #92

BK 5/1/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1220 SAMPLE END TIME: 1230

CWC0006

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	~~(µS/cm)~~ mS/cm Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1215	N/A	N/A	7.40	0.635	33.8	6.85	14.90	304	N/A

LH 4.24.24

LH 4.24.24

Recorded By: LMS. 4/24/24 QA: 5-1-24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

LH 4.24.24

Recorded By: QA:

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

4.24.24

LH

Recorded By: QA:

COC#: LE04252024-04ML
LE04252024-07TA

DATE: 4/24/24

FIELD CREW: See pg. # 92

WEATHER: C

WELL ID: N/A SAMPLE ID: CWC275024 (CWC275023)

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: See pg. # 92

BK/5.1.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1315 SAMPLE END TIME: 1325

CWC005

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 4.24.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1310	N/A	N/A	7.70	0.724	15.9	6.96	16.58	273	N/A
					LH		4.24.24		

Recorded By: 4/24/24 QA: 5.1.24

COC#: LEΦ425ΣΦ24-ΦSML
LE Φ429ΣΦ24-Φ1TA

DATE: 4/25/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Partly Cloudy, 55°F

WELL ID: N/A SAMPLE ID: CWC275Φ21 CWC275Φ22

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLWB5285
BK 5.1.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1Φ25 SAMPLE END TIME: 1Φ3Φ

CWCΦΦ4

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm ~~(µS/cm)~~ Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Φ2Φ	N/A	N/A	6.92	1.12	9.4	6.92	13.91	254	N/A

4.25.24 2H

Recorded By: Lou S. Hoover 4/25/24 QA: 5.1.24

COC#: LEΦ425ΣΦ24-ΦSML
LE Φ429ΣΦ24-Φ1TA
LEΦ429ΣΦ24-Φ2TD

DATE: 4/25/24

FIELD CREW: See pg. # 98
"

WEATHER:

WELL ID: N/A SAMPLE ID: CWC275Φ19 CWC275Φ2Φ (-1 & -2)

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: See pg. #98
BK 5.1.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 11Φ5 SAMPLE END TIME: 1115

CWCΦΦ3

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm ~~(µS/cm)~~ Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
11ΦΦ	N/A	N/A	7.94	Φ.886	6.1	8.ΦΦ	14.8Φ	174	N/A

4.25.24 1H

Recorded By: Lou S. Hoover 4/25/24 QA: 5.1.24

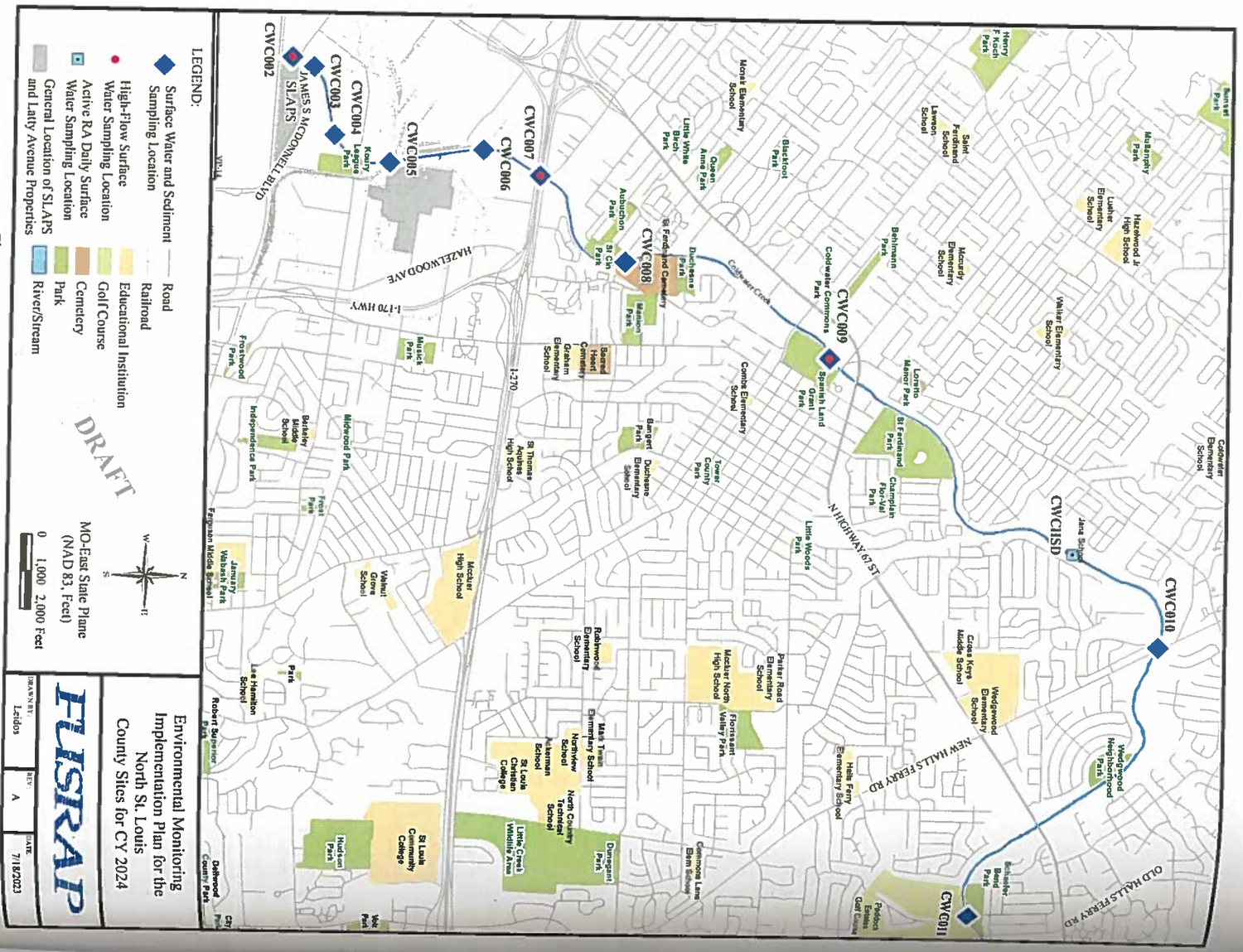

Figure 3-5. Surface Water and Sediment Sampling Locations at Coldwater Creek

SITE	WELL ID	TOTAL DEPTH (FT. BTOC)	SCREEN TOP (FT. BTOC)	SCREEN BOTTOM (FT. BTOC)	MIDDLE OF SCREEN (FT. BTOC)	WELL DIAMETER AND MATERIAL	PUMP TYPE (PERISTALTIC, BLADDER, BAILER, ETC.)	PURGE RATE (ml/min)	COMMENTS
HISS	HISS-01	25.0	19.0	24.0	21.5	4 in. PVC	Peristaltic	120	
HISS	HISS-06A	23.3	17.8	22.8	20.3	2 in. PVC	Peristaltic	100	
HISS	HISS-10	25.7	18.7	23.4	21.1	2 in. PVC	Peristaltic	150	
HISS	HISS-11A	23.5	18.0	23.0	21.0	2 in. PVC	Peristaltic	50	
HISS	HISS-17S	22.6	12.3	22.3	17.3	4 in. SS	Bladder	80	
HISS	HISS-19S	29.6	14.3	24.3	19.3	4 in. SS	Peristaltic	60	
HISS	HW22	30.0	19.0	29.0	24.0	2 in. PVC	Peristaltic	35	
HISS	HW23	93.5	91.5	93.5	92.5	2 in. PVC	Peristaltic	80	
SLAPS	B53W01D	96.0	85.0	95.0	90.0	2 in. ID SS	Peristaltic	120	
SLAPS	B53W01S	28.5	22.5	27.7	25.1	2 in. ID SS	Peristaltic	48	
SLAPS	B53W06S	36.0	30.0	35.0	32.5	2 in. ID SS	Bladder	22	
SLAPS	B53W07D	89.0	77.5	87.5	82.5	2 in. ID SS	Peristaltic	40	
SLAPS	B53W07S	36.0	30.0	35.0	32.5	2 in. ID SS	Peristaltic	13	
SLAPS	B53W09S	36.0	30.0	35.0	32.5	2 in. ID SS	Bladder	30	
SLAPS	B53W17S	35.5	20.3	30.3	25.3	4 in. ID SS	Bladder	53	
SLAPS	MW31-98	34.0	18.4	33.4	25.9	2 in. PVC	Peristaltic	60	
SLAPS	MW32-98	20.3	9.7	19.7	14.7	2 in. PVC	Peristaltic	88	
SLAPS	PW35	115.0	100.0	114.9	107.5	2 in. PVC	Peristaltic	45	
SLAPS	PW36	88.0	83.0	87.9	85.5	2 in. PVC	Peristaltic	300	
SLAPS	PW42	85.1	83.0	85.0	84.0	2 in. PVC	Peristaltic	35	
SLAPS	PW43	25.5	15.0	25.0	20.0	2 in. PVC	Peristaltic	50	
SLAPS	PW44	20.1	10.1	20.1	15.1	2 in. PVC	Peristaltic	50	
SLAPS	PW45	22.3	12.3	22.3	17.3	2 in. PVC	Peristaltic	80	
SLAPS	PW46	23.0	17.5	22.5	20.0	2 in. PVC	Peristaltic	50	
SLDS	B16W06D	81.9	69.7	79.7	74.7	2.35 in. Fiberglass	Bladder	200	
SLDS	B16W06S	42.9	32.6	42.6	37.6	4 in. ID SS	Bladder	100	
SLDS	B16W07D	78.5	65.9	76.2	71.1	2.35 in. Fiberglass	Bladder	270	
SLDS	B16W08D	70.8	58.2	68.6	63.4	2.35 in. Fiberglass	Bladder	280	
SLDS	B16W08S	38.2	27.9	37.9	32.9	4 in. ID SS	Bladder	70	

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COC: LEΦSΦ22Φ24-Φ4ML
LEΦSΦ22Φ24-Φ8TA

DATE: 4/29/24

FIELD CREW: Lou Hoover & Nathan Gross Witness: none

WEATHER: Mostly Cloudy, 64°F

WELL ID: N/A SAMPLE ID: CWC275645

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

BK/5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1145 SAMPLE END TIME: 1155

CWCΦΦ9

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
114Φ	N/A	N/A	6.67	Φ.298	11Φ	8.98	16.72	353	N/A

LH 4.29.24

Recorded By: Lou Hoover 4/29/24 QA: 5.13.24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

LH 4.29.24

Recorded By: QA:

COC: LEΦSΦ22Φ24-Φ4ML
LEΦSΦ22Φ24-Φ8TA

DATE: 4/29/24

FIELD CREW: Lon Hoover & Nathan Gloss Witness: none

WEATHER: Mostly Cloudy, 64°F

WELL ID: N/A SAMPLE ID: CWC275644

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ7285
BK/5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1230 SAMPLE END TIME: 1235

CWCΦΦ7

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
1225	N/A	N/A	7.23	Φ.451	87.4	8.24	16.44	313	N/A

4.29.24
JH

Recorded By: Lon E. Hoover 4/29/24 QA: 5.13.24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

JH 4.29.24

Recorded By: QA:

COC: LEΦ5Φ22Φ24-Φ4 ML
LEΦ5Φ22Φ24-Φ8 TA

DATE: 4/29/24

FIELD CREW: Lon Hoover & Nathan Gross Witness: none

WEATHER: Mostly Cloudy, 64°F

WELL ID: N/A SAMPLE ID: CWC2756443 4/29/24

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

BK 5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1255 SAMPLE END TIME: 13Φ5

CWCΦΦ2

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1250	N/A	N/A	7.46	Φ.484	50.8	9.19	16.53	274	N/A

4.29.24 4ft

Recorded By: Lon Hoover 4/29/24 QA: BK 5.13.24

DATE: 5/n/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness "none

2H 5.13.24

WEATHER: Mostly Cloudy, 69°F

2H 5.13.24

DAILY TASK ACTIVITY: Φ83Φ - Begin water level measurements for North County.

PW42 = 1Φ.62' HISS-Φ6A = 7.61'

BS3WΦ9S = 16.99' HISS-11A = 11.78'

PW43 - 14.97' HISS-1Φ = 4.98'

BS3WΦ7S = 18.85' HISS-Φ1 = 7.82'

BS3WΦ7D = 1Φ.8Φ' HISS-19S = 13.93'

BS3WΦ6S = 14.59' BS3WΦ1D = 1Φ.61'

MW32-98 = 14.4Φ' BS3WΦ1S = 1Φ.22'

MW31-98 = 11.89' PW36 = 9.98'

BS3W17S = 1Φ.31' PW35 = 14.17'

HW23 = 9.77' PW44 = 4.26'

HW22 = 12.95' PW45 = 6.28'

HISS-17S = 5.34' PW46 = 11.32'

Recorded By: Lon Hoover 5/n/24 QA: BK 5-13-24

LH 4.30.24

COC: LEØ5Ø22Ø24-Ø5ML
LEØ5Ø22Ø24-Ø9TA

DATE: 4/24 – 4/30/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Sunny, 75°F

WELL ID: N/A SAMPLE ID: CWC274793

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 1Ø3285

BC/5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 11Ø5 SAMPLE END TIME: 111Ø

WLMBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(mS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
11ØØ	N/A	N/A	7.75	Ø.787	191	9.41	16.64	218	N/A

4.30.24 LH

Recorded By: Lon S. Hoover 4/30/24 QA: 5.13.24

DATE: 4/3Ø/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

LH 4.3Ø.24

WEATHER: Sunny, 75°F

LH 4.3Ø.24

DAILY TASK ACTIVITY: 1Ø3Ø – Meet at SLABS to calibrate Horiba and load equipment for surface water sampling at MBB.

11ØØ – Arrive at MBB and prepare to collect water quality measurements.

11Ø5 – Begin sampling for Rad.'s & metals directly from the Creek (CWC). Note: Stream became off-color during sampling.

111Ø – Complete sampling of MBB and return to SLABS to secure samples and off-load equipment.

LH 4.3Ø.24

Recorded By: Lon S. Hoover 4/30/24 QA: 5.13.24

LEØSØ22Ø24-ØGML
COC: LEØSØ22Ø24-1ØTA

DATE: 5/1/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, 71°F

WELL ID: ~~N/A~~ N/A SAMPLE ID: CWC 274994

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba - GLW1Ø3285

BZ/5-13-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 11ØØ SAMPLE END TIME: 11Ø5

MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Ø55	N/A	N/A	7.74	Ø.911	18.3	8.45	17.18	194	NA

5-1-24 ZH

5-1-24 ZH

Recorded By: Jon E. Hoover 5/1/24 5.1.24

QA: BZ 5.13.24

DATE: 5/1/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

2H 5-1-24

WEATHER: Mostly Cloudy, 71°F

ZH 5-1-24

DAILY TASK ACTIVITY: 1Ø3Ø - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at MBB.

1Ø45 - Arrive at MBB and prepare to collect water quality measurements and sample for Rad. & metals directly from CWC.

11ØØ - Complete Sampling of MBB and ~~return~~ return to SLAPS to secure samples and off-load equipment. ZH 5.1.24

ZH 5-1-24

Recorded By: Jon E. Hoover 5/1/24 QA: BZ 5.13.24

LE05022024-07ML
COC: LE05022024-11TA

DATE: 5/2/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: None

WEATHER: Mostly Cloudy, 78°F

WELL ID: N/A SAMPLE ID: CWC 274995

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103285

BK/5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1045 SAMPLE END TIME: 1050

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1040	N/A	N/A	7.95	0.983	12.5	7.84	17.42	176	N/A

ZH 5.2.24

Recorded By: Lou Hoover 5/2/24 QA: BK 5.13.24

DATE: 5/2/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: None

ZH 5.2.24

WEATHER: Mostly Cloudy, 78°F

ZH 5.2.24

DAILY TASK ACTIVITY: 0730 - Meet at SLAPS to calibrate Horiba and load equipment to sample surface water at MBB.

1035 - Arrive at MBB and prepare to collect water quality measurements and sample for rad. & metals directly from CWC.

1050 - Complete sampling of MBB and return to SLAPS to secure samples and off-load equipment.

ZH 5.2.24

Recorded By: Lou Hoover 5/2/24 QA: BK 5.13.24

COC: LE05092024-02ML
LE05092024-03TA

DATE: 5/6/24

FIELD CREW: Lou Hoover ; Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, sporadic sprinkles of rain, 62°F

WELL ID: N/A SAMPLE ID: CWC274996

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

LH 5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1145 SAMPLE END TIME: 1150

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm) (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1140	N/A	N/A	7.65	0.571	28.7	8.31	17.71	224	N/A

LH 5.6.24

Recorded By: Lou S. Hoover 5/6/24 QA: LH 5.13.24

DATE: 5/6/24

FIELD CREW: Lou Hoover ; Brad Kohlfeld Witness: none

LH 5.6.24

WEATHER: Mostly Cloudy with periods of sprinkles, 62°F

LH 5.6.24

DAILY TASK ACTIVITY: 1025- Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB.

1035- Arrive at CWC MBB and prepare to collect water quality measurements and sample for rad.'s & metals directly from CWC.

1145- Complete sampling of CWC MBB and return to SLAPS to secure samples and off-load equipment.

LH 5.6.24

Recorded By: Lou S. Hoover 5/6/24 QA: LH 5.13.24

COC: LE05092024-04ML
LE05092024-05TA

DATE: 5/7/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, 79°F

WELL ID: N/A SAMPLE ID: CWC274997

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

RH 5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1150 SAMPLE END TIME: 1155

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm ~~(µS/cm)~~ Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1145	N/A	N/A	7.76	0.380	58.4	8.46	19.48	216	NA

5.7.24
ZH

Recorded By: Lou Hoover 5/7/24 QA: 5.13.24

TE: 5/7/24

D CREW: Lou Hoover & Brad Kohlfeld Witness: none

1H 5.7.24

THER: Mostly Cloudy, 79°F

1H 5.7.24

Y TASK ACTIVITY: 1130 - Meet at SLWS to calibrate Horiba and load equipment for surface water sampling at CWC MBB.

1140 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Lead & metals directly from the creek.

1155 - Complete sampling of CWC MBB and return to SLWS to secure samples and off-load equipment.

1H 5-7-24

Recorded By: Lou Hoover 5/7/24 QA: 5.13.24

COC: LE05092024-06ML
LE05092024-08TA

DATE: 5/8/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: None

WEATHER: Overcast, 77°F

WELL ID: N/A SAMPLE ID: CWC274918

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1003285

BH 5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0945 SAMPLE END TIME: 0950

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0940	N/A	N/A	7.77	0.864	3.1	7.75	17.46	181	N/A

5.8.24 JH

JH

Recorded By: Lou Hoover 5/8/24 5/8/24 5.8.24 QA: 5.13.24

DATE: 5/6/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

JH 5.8.24

WEATHER: Overcast, 77°F

JH 5.8.24

DAILY TASK ACTIVITY: 0925 - Arrive at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB.

0930 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for lead & metals.

0950 - Complete sampling of CWC MBB and return to SLAPS to secure samples and off-load equipment.

5.8.24 JH

Recorded By: Lou Hoover 5/6/24 QA: 5.13.24

COC: LE05092024-07ML
LE05092024-09TA

DATE: 5/9/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 74°F

WELL ID: N/A SAMPLE ID: CWC240999

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 10328S

5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1045 SAMPLE END TIME: 1050

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 5.9 for	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1040	N/A	N/A	7.40	0.826	12.7	8.11	18.02	245	N/A

5.9.24
TH

Recorded By: Lon Hoover 5/9/24 QA: 5.13.24

DATE: 5/9/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

TH

WEATHER: Mostly Sunny, 74°F

TH 5.9.24

DAILY TASK ACTIVITY: 1000 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB.

1030 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad.'s metals directly from creek.

1050 - Complete sampling of CWC MBB and return to SLAPS to secure samples and off-load equipment.

TH 5.9.24

Recorded By: Lon Hoover 5/9/24 QA: 5.13.24

COC: LE05162024-02 ML
LE05162024-09 TA

DATE: 5/10/24 ZH 5.10.24

FIELD CREW: Lon Hoover & Nathan Gross Witness: None

WEATHER: Overcast, 57°F

WELL ID: N/A SAMPLE ID: CWC2750000

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1003285

BC/5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0845 SAMPLE END TIME: 0850

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 5.10.24 ZH	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft BTOC)
0840	N/A	N/A	7.88	0.952	0	7.91	17.53	180	N/A

5.10.24 ZH

Recorded By: Lm S. Hoover 5/10/24 QA: BZ 5.13.24

DATE: 5/10/24

FIELD CREW: Overcast, 57°F

ZH 5.10.24

WEATHER: Lon Hoover & Nathan Gross Witness: None

ZH 5.10.24

DAILY TASK ACTIVITY: 0815 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB.

0835 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Redox metals directly from creek.

0850 - Complete sampling at CWC MBB and return to SLAPS to secure samples and off-load equipment.

5-10-24 ZH

Recorded By: Lm S. Hoover 5/10/24 QA: BZ 5.13.24

COC: LE05162024-03ML
LE05162024-10TA

DATE: 5/13/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, 68°F

WELL ID: N/A SAMPLE ID: CWC27500I

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW10003285

EH 5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0820 SAMPLE END TIME: 0825

CWC MBB

FIELD PARAMETERS

WS/EH 5.13.24

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft BTOC)
0815	N/A	N/A	7.52	1.08	0	6.73	17.79	226	N/A

EH 5.13.24

Recorded By: Lou S. Hoover 5/13/24 QA: 5.13.24

DATE: 5/13/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

EH 5.13.24

WEATHER: Mostly Cloudy, 68°F

EH 5.13.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB.

0810 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad. & metals.

0825 - Complete sampling at CWC MBB and move onto purging wells in North County.

EH 5.13.24

Recorded By: Lou S. Hoover 5/13/24 QA: 5.13.24

LE05162024-07ML
COC: LE05162024-12TA

DATE: 5/15/24

FIELD CREW: Bradley Kohlfeld & Zach Matthews Witness: none

WEATHER: Cloudy/overcast, 65°

WELL ID: N/A SAMPLE ID: CWC27500Z

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW103285

BK 5.15.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0800 SAMPLE END TIME: 0805

~~MBBCWC~~ CWCMBB BK 5.20.24

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 5.15.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0755	N/A	N/A	8.12	0.480	56.1	8.89	18.03	182	N/A

BK 5.15.24

Recorded By: 5.15.24 QA: 5/16/24

E: 5/15/24

D CREW: Bradley Kohlfeld & Zach Matthews

BK/5-15-24

THER: Cloudy/overcast, 65°

BK/5-15-24

Y TASK ACTIVITY: 0715: Meet @ SLABS, check in instruments, load vehicle with supplies, depart for MBB cwc

0745: Arrive at MBB CWC for swface water sampling of Rad + metals + water quality measurements

0805: Complete sampling of MBBCWC and move to SLABS for ground water sampling

BK 5.15.24

Recorded By: 5.15.24 QA: 5/16/24

LE05162024-08ML
COC: LE05162024-15TA

DATE: 5/16/24

FIELD CREW: Bradley Kohlfeld + Zach Matthews, Witness: none

WEATHER: Cloudy, 65°

WELL ID: N/A SAMPLE ID: CWC27503

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: 6LW1003285

BK/5.16.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0815 SAMPLE END TIME: 0820

~~MBB CWC~~ CWC MBB
BK 5.20.24

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	~~µS/cm~~ mS/cm BK 5.16.24 Sp. Cond. ~~(µS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0815	N/A	N/A	7.36	0.843	36.1	7.52	18.30	225	N/A

BK 5-16-24

Recorded By: 5.16.24 QA: 5/16/24

DATE: 5/16/24

FIELD CREW: Bradley Kohlfeld, Zach Matthews

BK/5.16.24

WEATHER: Cloudy, 65°

BK/5-16-24

DAILY TASK ACTIVITY: 0730: Meet at SLAPS, check in instruments, load water sampling equipment. Depart for ~~MBB CWC~~ MBB CWC (0750)
BK 5.16.24
0800: Arrive at MBB CWC to sample surface water for Rad + Metals as well as water quality measurements.
0820: Complete sampling, pack up, depart for MW32-98 for groundwater sampling (see FP-1191 pg15)

BK 5-16-24

Recorded By: 5.16.24 QA: 5/16/24

COC: LEØS232Ø24-Ø2 ML
LEØS232Ø24-Ø3 TA

DATE: 5/2Ø/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 8Ø°F

WELL ID: N/A SAMPLE ID: CWC275ØØ4

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GW1Ø3285

BH 5.2Ø.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Ø84Ø SAMPLE END TIME: Ø845

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(mS/cm)~~ dcm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Ø835	N/A	N/A	7.92	1.Ø6	Ø	7.95	19.54	179	N/A

5.2Ø.24

ZH

Recorded By: Lou E. Hoover 5/2Ø/24 QA: 5/28/24

DATE: 5/2Ø/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 5.2Ø.24

WEATHER: Overcast, 8Ø°F

ZH 5.2Ø.24

DAILY TASK ACTIVITY: ØBØØ - Arrive at SLARS to calibrate Horibas and load equipment for surface water sampling at CWC MBB.

Ø825 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad & metals directly from the creek.

Ø845 - Complete sampling of CWC MBB and move to a MC location for groundwater sampling.

ZH 5.2Ø.24

Recorded By: Lou E. Hoover 5/2Ø/24 QA: 5-28-24

COC: LEØ5232Ø24-Ø6ML
LEØ5232Ø24-Ø7TA

DATE: 5/21/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 78°F

WELL ID: N/A SAMPLE ID: CWC275ØØ5

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

ZH 5/21/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Ø825 SAMPLE END TIME: Ø84Ø

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (~~µS/cm~~ mS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft BTOC)
Ø83Ø	N/A	N/A	7.66	1.Ø9	Ø	7.88	19.77	199	N/A

ZH 5.31.24

ZH 5.21.24

Recorded By: Lou S. Hoover 5/21/24 QA: 5-28-24

DATE: 5/21/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 5.21.24

WEATHER: Mostly Sunny, 78°F

ZH 5.21.24

DAILY TASK ACTIVITY: Ø8ØØ - Arrive at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC MBB.

Ø825 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad. & metals.

Ø84Ø - Complete sampling of CWC MBB and move to a location at SLAPS for ground water monitoring.

ZH 5.21.24

Recorded By: Lou S. Hoover 5/21/24 QA: 5-28-24

COC: LE05232024-12ML
LE05232024-13TA

DATE: 5/22/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, 71°F

WELL ID: N/A SAMPLE ID: CWL275006

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = 6LW1003285

BH 5-28-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1205 SAMPLE END TIME: 1210

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1200	N/A	N/A	7.47	0.692	26.2	7.86	20.60	215	N/A

5.22.24 LH

Recorded By: Lon Hoover 5/22/24 QA: BH 5-28-24

DATE: 5/22/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

LH 5.22.24

WEATHER: Mostly Cloudy, 71°F

LH 5.22.24

DAILY TASK ACTIVITY: 0800- Arrive at SCAPP to calibrate Horibas and load equipment for surface water sampling at CWC MBB.

1150- Arrive at CWC MBB to collect water quality measurements and sample for dissolved metals directly from creek.

1210- Complete sampling of CWC MBB.

5.22.24 LH

Recorded By: Lon Hoover 5/22/24 QA: BH 5-28-24

LE⌀5232⌀24-16ML
COC: LE⌀5232⌀24-19TD
LE⌀5232⌀24-2⌀TA

DATE: 5/23/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 74°F

WELL ID: N/A SAMPLE ID: CWC275⌀07 (-1:-2)

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1⌀3285

ZH 5.23.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1⌀1⌀ SAMPLE END TIME: 1⌀25

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
1⌀⌀5	N/A	N/A	6.79	⌀.341	65.8	8.89	19.66	174	N/A

5.23.24
ZH

Recorded By: Lon S. Hoover 5/27/24 QA: 5-28-24

1H 5.23.24

Start 5/23/24

CREW: Lon Hoover & Brad Kohlfeld Witness: none

1H 5.23.24

THER: Overcast, 74°F

2H 5.23.24

Y TASK ACTIVITY: Arrive at SLAPI to calibrate Horibas and load equipment for surface water sampling at CWC MBB.

⌀955- Arrive at CWC MBB to collect water quality measurements and sample for Rad-? metals.

1025- Complete sampling at CWC MBB and move to SLAPI to secure samples and off-load equipment.

5.23.24
1H

Recorded By: Lon S. Hoover 5/23/24 QA: 5-28-24

COC: LE05292024-10ML
LE05292024-11TA

DATE: 5/29/24

FIELD CREW: Bradley Kohlfeld, Coltyn Dyer Witness: none

WEATHER: Sunny, Low 70's

WELL ID: N/A SAMPLE ID: CWC275008

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW10S285

BK/5.29.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1225 SAMPLE END TIME: 1230

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
1220	N/A	N/A	7.64	0.981	7.2	9.32	20.30	250	N/A

BK 5.29.24

Recorded By: 5-29-24 QA:

DATE: 5/29/24

FIELD CREW: Bradley Kohlfeld, Coltyn Dyer

BK/5.29.24

WEATHER: Sunny, Low 70's

BK/5.29.24

DAILY TASK ACTIVITY: 1200: Depart SLAPS for CWC MBB

1205: Arrive at CWC MBB, prepare to sample surface water directly from creek for Rad + Metals as well as water quality measurements.

1230: Complete sampling at CWC MBB

1245: Depart CWC MBB for gas station

1250: Arrive at gas station, fill tank

1300: Arrive at SLAPS, unload vehicle, complete contamination control survey, secure samples

BK 5.29.24

Recorded By: 5-29-24 QA:

COC: LE05302024-03 ML
LE05302024-04TA

DATE: 5/30/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl Witness: none

WEATHER: Sunny, upper 70's

WELL ID: N/A SAMPLE ID: CWC27500 9

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW103285

BK/5.30.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1303 SAMPLE END TIME: 1308

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 5-30-24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
1303	N/A	N/A	8.01	0.869	10.9	9.69	22.06	208	N/A

BK 5-30-24

Recorded By: 5-30-24 QA:

DATE: 5-30-24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl

BK/5-30-24

WEATHER: Sunny, upper 70's

BK/5-30-24

DAILY TASK ACTIVITY: 1250: Depart SLAPs for CWC MBB for surface water sampling

1255: Arrive at CWC MBB, prepare to sample surface water for Rad and Metals as well as water quality measurements

1303: Begin sampling directly from the creek.

1308: Complete sampling CWC MBB

1315: Depart for SLAPS

1320: SLAPS; unload purge water, secure samples, perform contamination control survey

BK 5-30-24

Recorded By: 5-30-24 QA:

COC: LEΦ6Φ32Φ24-Φ3ML
LEΦ6Φ32Φ24-Φ4TA

DATE: 5/31/24

FIELD CREW: Lou Hoover, Nathan Gross Witness: none

WEATHER: Mostly Cloudy, 70°F

WELL ID: N/A SAMPLE ID: CWC24SΦ1Φ

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A 3 BK 6-1Φ-24

EQUIPMENT SERIAL #'S: Horiba = 6LW1ΦΦ285

BK 6-1Φ-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1ΦΦΦ SAMPLE END TIME: 1ΦΦ5

CWC MBB

FIELD PARAMETERS

mS/cm JH 5.31.24

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ955	N/A	N/A	8.Φ4	1.Φ7	2.4	12.29	19.52	219	N/A

5.31.24

JH

Recorded By: Lou H. Hoover 5/31/24 QA: 6-1Φ-24

DATE: 5/31/24

FIELD CREW: Lou Hoover & Nathan Gross Witness: none

JH 5.31.24

WEATHER: Mostly Cloudy, 7Φ°F

JH 5.31.24

DAILY TASK ACTIVITY: ΦΦ73Φ - Arrive at SLABS to calibrate Horiba and load equipment for surface water sampling at CWC MBB.

Φ945 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad-7, metals.

1ΦΦ5 - Complete sampling of CWC MBB and return to SLABS to secure samples and off-load equipment.

5.31.24

JH

Recorded By: Lou H. Hoover 5/31/24 QA: 6-1Φ-24

COC: LEΦ6Φ32Φ24-ΦSML
LEΦ6Φ32Φ24-Φ6TA

DATE: 6/3/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 83°F

WELL ID: N/A SAMPLE ID: CWC275Φ11

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = 6LW1Φ328Φ BK-6-1Φ-24

BK/6-1Φ-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 12ΦΦ SAMPLE END TIME: 12Φ5

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 6.3.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
1155	N/A	N/A	8.2Φ	Φ.838	1Φ2	11.42	22.68	21Φ	N/A

2H 6.3.24

Recorded By: Jon S. Hoover 6/3/24 QA: 6-1Φ-24

DATE: 6/3/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

2H | 6.3.24

WEATHER: Mostly Sunny, 83°F

2H | 6.3.24

DAILY TASK ACTIVITY: ΦΦΦΦ - Arrive at SLAP to calibrate Horibas and load equipment for surface water sampling at CWC MBB.

1145 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad.'s metals.

12Φ5 - Complete sampling of CWC MBB and move to a well location for groundwater sampling.

2H 6.3.24

Recorded By: Jon S. Hoover 6/3/24 QA: 6-1Φ-24

COC: LE Φ6Φ42Φ24-1Φ ML
LE Φ6Φ42Φ24-11 TA

DATE: 6/4/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 78°F

WELL ID: N/A SAMPLE ID: CWC275Φ12

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 1Φ3285

ZH 6.4.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: ZH 6.4.24 1220 1226 SAMPLE END TIME: 1225 1225 ZH 6.4.24

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1215	N/A	N/A	7.66	Φ.655	Φ	8.29	21.71	251	N/A

ZH 6.4.24

Recorded By: Lou E. Hoover 6/4/24 QA: 6-10-24

DATE: 6/4/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 6-4-24

WEATHER: Overcast, 78°F

ZH 6-4-24

DAILY TASK ACTIVITY: ΦΒΡΡ - Arrive at SLAPS and calibrate Horibas as well as loading equipment for surface water sampling at CWC MBB.

1210 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Red. & metals directly from creek.

1225 - Complete sampling of CWC MBB. and move to SLAPS to secure samples and off-load equipment.

ZH 6.4.24

Recorded By: Lou E. Hoover 6/4/24 QA: 6-10-24

COC: LE Ø6Ø6 2024 - Ø2 ML
LE Ø6Ø6 2024 - Ø3 TA

DATE: 6/5/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 76°F

WELL ID: N/A SAMPLE ID: CWC275Ø13

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

BK/6-1Ø-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 12ØØ SAMPLE END TIME: 1205

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 6.5.24	Turb. (NTUs) 6.0	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
1155	N/A	N/A	7.12	Ø.619	34.Ø	7.Ø6	21.2Ø	247	N/A

XH 6.5.24

Recorded By: Lon S. Hoover 6/5/24 QA: 6-1Ø-24

DATE: 6/5/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

QH 6.5.24

WEATHER: Overcast, 76°F

XH 6.5.24

DAILY TASK ACTIVITY: LH Arrive at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC MBB.

1145 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad. & metals directly from creek.

1205 - Complete sampling of CWC MBB and return to SLAPS to secure samples and off-load equipment.

6.5.24 XH

Recorded By: Lon S. Hoover 6/5/24 QA: 6-1Ø-24

COC: LE06062024-06ML
LE06062024-09TA

DATE: 6/6/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 75°F

WELL ID: N/A SAMPLE ID: CWC27514

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

LH 6.6.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1105 SAMPLE END TIME: 1110

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~ mS/cm LH 6.6.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
1100	N/A	N/A	7.44	0.802	0	9.23	21.37	255	N/A

LH 6.6.24

Recorded By: Lon E. Hoover 6/6/24 QA: [signature] 6-10-24

DATE: 6/6/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

LH 6.6.24

WEATHER: Mostly Cloudy, 75°F

LH 6.6.24

LH 6.6.24

DAILY TASK ACTIVITY: 0800 - Arrive at ~~ENT~~ SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC MBB.

1050 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad.'s metals directly from creek.

1110 - Complete sampling of CWC MBB and return to SLAPS to secure samples and off-load equipment.

6.6.24 LH

Recorded By: Lon E. Hoover 6/6/24 QA: [signature] 6-10-24

COC: LE06112024-02ML
LE06112024-03TA

DATE: 6/7/24

FIELD CREW: Lou Hoover & Nathan Gross Witness: none

WEATHER: Partly Sunny, 68°F

WELL ID: N/A SAMPLE ID: CWC276210

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GW105285

ZH 6.7.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0845 SAMPLE END TIME: 0850

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm ZH 6.7.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
0844	N/A	N/A	7.39	0.896	0	8.81	19.99	256	N/A

ZH 6.7.24

Recorded By: Lou Hoover 6/7/24 QA: 6-10-24

DATE: 6/7/24

FIELD CREW: Lou Hoover & Nathan Gross Witness: none

ZH 6.7.24

WEATHER: Partly Sunny, 68°F

ZH 6.7.24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAPS to calibrate Horiba and load equipment for surface water samplings at CWC MBB.

0835 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad- & metals directly from creek.

0850 - Complete sampling of CWC MBB and return to SLAPS to secure samples and off-load equipment.

ZH 6.7.24

Recorded By: Lou Hoover 6/7/24 QA: 6-10-24

COC: LE06112024-04ML
LE06112024-05TA

DATE: 6/10/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 71°F

WELL ID: N/A SAMPLE ID: CWC270211

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba= GLW10J285

2H 6·10·24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1225 SAMPLE END TIME: 1230

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1220	N/A	N/A	7.98	0.924	0	10.34	21.91	246	N/A

-stlcw 2H 6·10·24

2H 6·10·24

Recorded By: Jm E. Hoover 6/10/24 QA: 6-10-24

DATE: 6/10/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

2H 6·10·24

WEATHER: Mostly Sunny, 71°F

2H 6·10·24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAS to calibrate Horibas and load equipment for surface water sampling at CWC MBB.

1215 - Arrive at CWC MBB and prepare to collect surface water samples for Rad- & metals directly from creek.

1230 - Complete sampling at CWC MBB and return to SLAS to secure samples and off-load equipment.

2H 6·10·24

Recorded By: Jm E. Hoover 6/10/24 QA: 6-10-24

COC: LE06112024-08 ML
LE06112024-09 TA

DATE: 6/11/24

FIELD CREW: Lon Hoover ; Brad Kohlfeld Witness: none

WEATHER: Mostly sunny, 78°F

WELL ID: N/A SAMPLE ID: CWC 276212

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

LH 6.11.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: ~~1220~~ 1225 TH 6.11.24 SAMPLE END TIME: 1220

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
~~1210~~ 1220 TH 6.11.24	N/A	N/A	7.94	1.01	0	10.80	21.91	235	N/A

6.11.24 TH

Recorded By: Jm E. Hoover 6/11/24 QA: 6/19/24

DATE: 6/11/24

FIELD CREW: Lon Hoover ; Brad Kohlfeld Witness: none

LH 6.11.24

WEATHER: Mostly sunny, 78°F

TH 6.11.24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC MBB!

1216
TH 6.11.24 ~~1205~~ Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad. & metals directly from creek.

1220 - Complete sampling of CWC MBB and return to SLAPS to secure samples and off-load equipment.

TH 6.11.24

Recorded By: Jm S. Hoover 6/11/24 QA: 6/19/24

COC: LE06132024-03ML
LE06132024-04TA

DATE: 6/12/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 84°F

WELL ID: N/A SAMPLE ID: CWC276213

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103285

ZH 6.10.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1400 SAMPLE END TIME: 1405

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1355	N/A	N/A	8.06	1.07	0	11.93	23.38	191	N/A

6.12.24 ZH

Recorded By: Lou S. Hoover 6/12/24 QA: 6/19/24

DATE: 6/12/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 6.12.24

WEATHER: Mostly Sunny, 84°F

ZH 6.12.24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC MBB.

1350 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad. & metals directly from creek.

1405 - Complete sampling of CWC MBB and return to SLAPS to secure samples and off-load equipment.

ZH 6.12.24

Recorded By: Lou S. Hoover 6/12/24 QA: 6/19/24

COC: LE06132024-07 NL
LE06132024-08 TA

DATE: 6/13/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 86°F

WELL ID: N/A SAMPLE ID: CWC276214

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

ZH 6-13-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1200 SAMPLE END TIME: 1210

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1150	N/A	N/A	8.06	1.04	0	10.27	22.99	226	N/A

ZH 6-13-24

Recorded By: Lou S. Hoover 6/13/24 QA: 6-19-24

DATE: 6/13/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 6-13-24

WEATHER: Mostly Sunny, 86°F

ZH 6-13-24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAPS to calibrate Horibas and load equipment for surface water sampling at CWC MBB.

1145 - Arrive at CWC MBB and prepare to collect water quality measurements and sample for Rad.'s, metals directly from creek.

1210 - Complete sampling at CWC MBB. Move to SLAPS to secure samples and off-load equipment.

ZH 6-13-24

Recorded By: Lou S. Hoover 6/13/24 QA: 6-19-24

COC: LE Φ6182Φ24-Φ1ML
LE Φ6182Φ24-Φ2TA

DATE: 6-14-24

FIELD CREW: Bradley Kohlfeld and Nathan Gross

WEATHER: 80s, mostly sunny

WELL ID: N/A SAMPLE ID: CWC276215

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

BK/6-14-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Φ853 SAMPLE END TIME: Φ858

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 6-14-24 Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
Φ853	N/A	N/A	7.41	Φ.989	9.8	6.15	22.Φ7	199	N/A

BK 6-14-24

Recorded By: 6-14-24 QA: 6/21/24

DATE: 6-14-24

FIELD CREW: Bradley Kohlfeld + Nathan Gross

BK/6-14-24

WEATHER: 80's, mostly sunny

BK/6-14-24

BK 6-14-24

DAILY TASK ACTIVITY: Φ83Φ: ~~Calli~~ Calibrate Horiba, load vehicle with water sampling equipment

Φ84Φ: Depart SLAPS for CWC MBB for surface water sampling

Φ845: CWC MBB, prepare to collect surface water sample for rad + metals as well as water quality measurements

Φ9ΦΦ: Complete sampling at CWC MBB, move to SLAPS to secure samples

BK 6-14-24

Recorded By: 6-14-24 QA: 6/21/24

COC: LE06182024-05 ML
LE06182024-06 TA

DATE: 6.17.24

FIELD CREW: Bradley Kohlfeld + Zach Matthews, witness: none

WEATHER: 80's Sunny

WELL ID: N/A SAMPLE ID: CWC276216

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW10385

BK/ 6.17.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0814 SAMPLE END TIME: 0819

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 6.17.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
0814	N/A	N/A	7.28	0.679	307	7.01	23.12	234	N/A

BK 6-18-24

Recorded By: 6.17.24 QA: 6/21/24

DATE: 6.17.24

FIELD CREW: Bradley Kohlfeld + Zach Matthews

BK/6.17.24

WEATHER: 80's Sunny

BK/ 6.17.24

DAILY TASK ACTIVITY: 0700: SLAPS, check in Horibas, gather water sampling equipment, plan workday

0800: CWC MBB, prepare to collect surface water sample directly from the creek for rad and metals testing as well as water quality measurements

0826: Complete sampling, move to SCDS for groundwater sampling.

BK 6.17.24

Recorded By: 6.17.24 QA: 6/21/24

COC: LE06192024-03ML
LE06192024-04TA

DATE: 6/18/24

FIELD CREW: Bradley Kohlfeld Witness: none

WEATHER: 89°F, windy

WELL ID: N/A SAMPLE ID: CWC276217

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba : GLW103285

BK/6.18.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1335 SAMPLE END TIME: 1340

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 6/18/24 ~~(uS/cm)~~ Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1335	N/A	N/A	7.56	0.894	0.7	6.03	23.43	230	

BK 6-18-24

Recorded By: 6-18-24 QA: 6/21/24

DATE: 6/18/24

FIELD CREW: Bradley Kohlfeld + Zach Matthews

BK/6-18-24

WEATHER: 89°F, windy

BK/6-18-24

DAILY TASK ACTIVITY: 1325: Arrive at CWC MBB to sample for rad + metals as well as water quality measurements

1335: Sample surface water directly from creek

1347: Complete sampling at CWC MBB BK 6-18-24 and move to SLAPS to dispose of purge water and secure the rest of the samples

1350: SLAPS, while taking the purge containers out of vehicle, I noticed one of the containers was leaking. The area was cleaned up with 'wipealls' and a contamination control survey was performed (CC-060624-01). No elevated readings were observed

1430: Samples were secured in a locked facility.

BK/6-18-24

Recorded By: 6-18-24 QA: 6/21/24

COC: LE Ø62Ø2Ø24-Ø3ML
COC: LE Ø62Ø2Ø24-Ø4TA

DATE: 6-19-24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none

WEATHER: 9Ø° F, Mostly sunny

WELL ID: N/A SAMPLE ID: CWC276218

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW103285

BK/6-19-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1249 SAMPLE END TIME: 1253

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 6-19-24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
1249	N/A	N/A	7.53	Ø.994	Ø.5	7.16	24.64	251	N/A

BK 6-19-24

Recorded By: 6-19-24 QA: 6/21/24

DATE: 6-19-24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl

BK/6-19-24

WEATHER: 9Ø°F, mostly sunny

BK/6-19-24

DAILY TASK ACTIVITY: 1235: Depart SLAPS for CWCMBB

1240: Arrive at CWCMBB and prepare to sample for rad + metals after collecting water quality measurements

1249: Collect surface water sample directly from the creek

1305: Complete sampling and depart for SLAPS to dispose of purge water from earlier groundwater sampling (see FP-1191 @ 75) and secure samples in a locked facility

BK 6-19-24

Recorded By: 6-19-24 QA: 6/21/24

COC: LE06206240624-0061L
LE06206240624-0079A

DATE: 6/20/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none

WEATHER: 92°, Sunny

WELL ID: N/A SAMPLE ID: CWC276219

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3285

BK/6-2Φ-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 14ΦΦ SAMPLE END TIME: 14Φ5

CWCMBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 6-2Φ-24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1355	N/A	N/A	7.62	1.Φ1	Φ.Φ	8.48	24.88	217	N/A

BK 6-2Φ-24

Recorded By: 6-2Φ-24 QA: 6/21/24

DATE: 6-2Φ-24

FIELD CREW: Bradley Kohlfeld + Dominic Stefl

BK/6-2Φ-24

WEATHER: 92°, Sunny

BK/6-2Φ-24

DAILY TASK ACTIVITY: (See FP-1191 pg 79 for today's earlier activities)

1320: Depart SLAPS for CWCMBB for surface water sampling

1333: Arrive at CWCMBB and prepare to sample for rad + metals directly from the creek as well as recording water quality measurements

1420: Complete sampling and move to SLAPS to secure samples

BK 6-2Φ-24

Recorded By: 6-2Φ-24 QA: 6/21/24

COC: LE Φ6242Φ24 - Φ2ML
LE Φ6242Φ24 - Φ3TA

DATE: 6-21-24

FIELD CREW: Bradley Kohlfeld and Nathan Gross Witness: none
BK 6-21-24

WEATHER: 83°F, Sunny

WELL ID: N/A SAMPLE ID: CWC276220

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3285

BK/6-21-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Φ935 SAMPLE END TIME: Φ94Φ

CWC MBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 6-21-24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ93Φ	N/A	N/A	7.66	Φ.986	32.1	7.39	23.22	243	N/A

BK 6-21-24

Recorded By: 6-21-24 QA: 6/21/24

DATE: 6/21/24

FIELD CREW: Bradley Kohlfeld and Nathan Gross Witness: none

BK/6-21-24

WEATHER: 83°F, Sunny

BK/6-21-24

DAILY TASK ACTIVITY: ΦB3Φ: Check in Horiba and prepare to sample for surface water

Φ9Φ3: Depart for CWCMBB (CWCΦΦ3) and pre-
BK 6-21-24
pace prepare to sample for rad and metals and record water quality measurements

Φ935: Sample directly from creek

Φ947: Complete sampling and move to SLAPS to secure samples

BK 6-21-24

Recorded By: 6-21-24 QA: 6/21/24

COC: LE06272024-01MC
LE06272024-02TA

DATE: 6/27/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 78°F

WELL ID: N/A SAMPLE ID: CWC276689

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = 6LW1Q3285

LH 6.27.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0925 SAMPLE END TIME: 0930

CWC MBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm ~~(µS/cm)~~ Sp. Cond.	Turb. (NTUs) LH 6.27.24	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0920	N/A	N/A	7.71	0.630	127	7.55	23.72	234	N/A

LH 6.27.24

Recorded By: Jon E. Hoover 6/27/24 QA: [signature] 7-3-24

DATE: 6/27/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

LH 6.27.24

WEATHER: Mostly Sunny, 78°F

LH 6.27.24

DAILY TASK ACTIVITY: 0900 - Arrive at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB-A.

0915 - Arrive at CWC MBB-A and prepare to collect water quality measurements and sample for lab. metals directly from creek.

0930 - Complete sampling of CWC MBB-A and return to SLAPS to secure samples and off-load equipment.

LH 6.27.24

Recorded By: Jon E. Hoover 6/27/24 QA: [signature] 7/3/24 DK 7/3/24

COC: LE07022024-01ML
LE07022024-02TA

DATE: 7/2/24

FIELD CREW: Lon Hoover & Brad Kohlfeld

WEATHER: Mostly Sunny, 87°F

WELL ID: N/A SAMPLE ID: cwc271620

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = 6LW1003285

BK/7-3-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1055 SAMPLE END TIME: 1110

CWC MBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (~~µS/cm~~ mS/cm 7.2.24)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1050	N/A	N/A	7.86	0.952	81.2	7.87	23.00	203	N/A

ZH 7.2.24

Recorded By: Jon E. Hoover 7/2/24 QA: BK 7/3/24

DATE: 7/2/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

ZH 7.2.24

WEATHER: Mostly Sunny, 87°F

ZH 7.2.24

DAILY TASK ACTIVITY: 0830 - Arrive at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB-A.

1045 - Arrive at CWC MBB-A and prepare to collect surface water samples and water quality measurements.

1110 - Complete sampling at CWC-MBB-A and return to SLAPS to secure samples and off-load equipment.

ZH 7.2.24

Recorded By: Jon E. Hoover 7/2/24 QA: BK 7/3/24

COC: LE07082024-01ML
LE07082024-02TA

DATE: 7/8/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, 81°F

WELL ID: N/A SAMPLE ID: CWC276691

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = 6LW103285

BK/7.18.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0835 SAMPLE END TIME: 0845

CWC - MBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 7/18/24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0830	N/A	N/A	7.88	0.944	89.1	5.78	23.16	251	N/A

ZH 7.8.24

Recorded By: Lou E. Hoover 7/8/24 QA: BK 7/18/24

7/8/24 ZH 7.8.24

DATE: ~~7/28/24~~

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 7.8.24

WEATHER: Mostly Cloudy, 81°F

ZH 7.8.24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAPS to calibrate Horiba and load equipment for surface water sampling.

0825 - Arrive at CWC MBB-A and prepare to collect surface water samples (Rad. & metals) and water quality measurements.

0845 - Complete sampling of CWC MBB-A and return to SLAPS to secure samples and off-load equipment.

ZH 7.8.24

Recorded By: Lou E. Hoover 7/8/24 QA: BK 7/18/24

COC: LE Φ7182Φ24 - Φ1ML
LE Φ7182Φ24 - Φ2 TA

DATE: 7/18/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 76°F

WELL ID: N/A SAMPLE ID: CWC276692

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

ZH 7.18.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1Φ4Φ SAMPLE END TIME: 1Φ45

CWC MBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (~~µS/cm~~ mS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Φ35	N/A	N/A	7.6Φ	Φ.786	142	5.8Φ	23.37	262	N/A

ZH 7.18.24

Recorded By: Lou E. Hoover 7/18/24 QA: 7/18/24

DATE: 7/18/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 7.18.24

WEATHER: Mostly Sunny, 76°F

ZH 7.18.24

DAILY TASK ACTIVITY: 1ΦΦΦ - Arrive at SLWS to calibrate Horiba and load equipment for surface water sampling at CWC MBB-A.

1Φ3Φ - Arrive at CWC MBB-A to prepare for collection of water quality measurements and sample the creek directly for Read. & metals.

1Φ4Φ - Complete sampling of CWC MBB-A and return to SLWS to secure samples and off-load equipment.

ZH 7.18.24

Recorded By: Lou E. Hoover 7/18/24 QA: 7/18/24

COC #: LE07222024-02ML
LE07222024-03TA

DATE: 7/22/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, 84°F

WELL ID: N/A SAMPLE ID: CWC276693

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

BK/7/31/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1115 SAMPLE END TIME: 1120

CWC MBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1110	N/A	N/A	7.77	0.998	44.7	7.52	23.47	238	N/A

ZH 7.22.24

7.22.24

Recorded By: Lou S. Hoover 7/22/24 QA: BK 7/31/24

DATE: 7/22/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 7.22.24

WEATHER: Mostly Cloudy, 84°F

ZH 7.22.24

DAILY TASK ACTIVITY: 1030- Arrive at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB-A.

1100- Arrive at CWC MBB-A and prepare to collect water quality measurements and samples (Rad.: Metals) directly from the creek.

1120- Complete sampling of CWC MBB-A and return to SLAPS to secure samples and off-load equipment.

7.22.24

ZH

Recorded By: Lou S. Hoover 7/22/24 QA: BK 7/31/24

COC#: LE07312024-01ML
LE07312024-02TA
LE07312024-03TD

DATE: 7/31/24

FIELD CREW: Bradley Kohlfeld and Dominic Stepi

WEATHER: Mostly cloudy 87°F, humid

WELL ID: N/A SAMPLE ID: CWC276694, -1, -2

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

BK/7/31/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1007 SAMPLE END TIME: 1015

CWCMBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 7/31/24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1002	N/A	N/A	7.28	0.611	176	5.25	25.03	251	N/A

BK 7/31/24

Recorded By: 7/31/24 QA: 8/2/24

DATE: 7/31/24

FIELD CREW: Bradley Kohlfeld and Dominic Stepi

BK/7/31/24

WEATHER: Mostly cloudy 87°F, humid

BK/7/31/24

DAILY TASK ACTIVITY: 0900: Check in Horiba, check in vehicle, load vehicle, depart for CWCMBB-A (0940)

0945: CWCMBB-A, prepare to collect water quality measurements and collect Rad + Metals + QA/QC samples directly from the creek

1025: Complete sampling and return to SLAPS to secure samples

BK 7/31/24

Recorded By: 7/31/24 QA: 8/2/24

COC #: LEΦ8Φ72Φ24-Φ2ML
LEΦ8Φ72Φ24-Φ3TA

DATE: 8/7/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Cloudy, 73°F

WELL ID: N/A SAMPLE ID: CWC 276695

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = ALW1ΦJ285
BK/8/13/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Φ925 SAMPLE END TIME: Φ93Φ

CWCMBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ92Φ	N/A	N/A	7.6Φ	1.Φ2	1Φ7	7.1Φ	23.65	2Φ9	N/A

LH 8.7.24

Recorded By: Lon G. Hoover 8/7/24 QA: 8/13/24

DATE: 8/7/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

LH 8-7-24

WEATHER: Cloudy, 73°F

LH 8-7-24

DAILY TASK ACTIVITY: ΦΦ8Φ- Arrive at SLAPS and calibrate Horibas. Load equipment for surface water sampling at CWCMBB-A.

Φ915- Arrive at CWC MBB-A and prepare to collect water quality measurements and sample for Rad. & metals directly from the creek.

Φ93Φ- Complete sampling at CWC MBB-A and move to HISS for ground water sampling.

LH 8.7.24

Recorded By: Lon G. Hoover 8/7/24 QA: 8/13/24

COC#: LE08142024-05MC
LE08142024-06TA

DATE: 8/13/24

FIELD CREW: Bradley Kohlfeld and Dominic Stepl Witness: none

WEATHER: Overcast, mid 70°'s

WELL ID: N/A SAMPLE ID: CWC276696

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLWL03285

BK/8/13/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1245 SAMPLE END TIME: 1250

CWCMBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm ~~(µS/cm)~~ Sp. Cond.	Turb. (NTUs) BK 8/13/24	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1240	N/A	N/A	7.61	0.590	14.4	4.96	23.01	234	N/A

BK 8/13/24

Recorded By: 8/13/24 QA: 8/19/24

9/19/24

DATE: 8/13/24

FIELD CREW: Bradley Kohlfeld and Dominic Stepl

BK/8/13/24

WEATHER: Overcast, mid 70°'s

BK/8/13/24

DAILY TASK ACTIVITY: 1220: Depart SLAPS for CWCMBB-A

1225: Arrive at CWCMBB and prepare to sample for rad & metals

1240: Collect water quality measurements

1245: Collect rad & metals sample directly from creek.

1300: Complete sampling, secure samples and head to PW43 for GW sampling. (See FP1196 for the rest of today's activities)

BK 8/13/24

Recorded By: 8/13/24 QA: 8/19/24

COC#: LEØ8212Ø24-Ø7ML
LEØ8212Ø24-ØBTA

DATE: 8/2Ø/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witnessing none

WEATHER: Mostly sunny, high 7Ø°s

WELL ID: N/A SAMPLE ID: CWC276697

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW1Ø3285

BK/8/2Ø/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1225 SAMPLE END TIME: 123Ø

CWC MBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 8/2Ø/24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
122Ø	N/A	N/A	7.98	1.Ø6	~~11.6~~ BK 8/2Ø/24	5.5Ø	24.44	2Ø9	N/A

BK 8/2Ø/24

Recorded By: 8/2Ø/24 QA: 9/19/24

DATE: 8/2Ø/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl

BK/8/2Ø/24

WEATHER: Mostly sunny, high 7Ø°s

BK/8/2Ø/24

(Horiba was calibrated at Ø73Ø)

DAILY TASK ACTIVITY: 12ØØ: Depart SLAPS for CWC MBB-A

1225: Arrive at CWC MBB-A and prepare to sample for rad + metals

1228: Record water quality measurement

1225: Sample directly from creek

123Ø: Complete sampling, secure samples, depart for NC ground water sampling

BK 8/2Ø/24

Recorded By: 8/2Ø/24 QA: 9/19/24

BK 8/29/24
COC#: LE08292024-06ML
LE08292024-07TA

DATE: 8/29/24

FIELD CREW: Bradley Kohlfeld, Dominic Stepl, Mike Miller Witness: none

WEATHER: Sunny, 79°, humid

WELL ID: N/A SAMPLE ID: CWC276698

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLWL03285

BK 8/29/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0824 SAMPLE END TIME: 0829

CWCMBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 8/29/24 Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0819	N/A	N/A	6.63	0.695	98.6	4.67	24.28	290	N/A

BK 8/29/24

Recorded By: 8/29/24 QA: 9/19/24

DATE: 8/29/24

FIELD CREW: Bradley Kohlfeld, Dominic Stepl, Mike Miller

BK/8/29/24

WEATHER: Sunny, 79°, humid

BK/8/29/24

DAILY TASK ACTIVITY: 0730: SLAPS, check in Horiba, load vehicle with sampling equipment, depart for CWCMBB-A for surface water sampling for rad + metals

0800: CWCMBB-A, prepare to sample for rad + metals

0819: Record water quality measurements

0824: Sample directly from creek

0840: Complete sampling, secure samples, move to BS3W095 for groundwater sampling

(See FR-1196 for the rest of today's field activites)

Recorded By: 8/29/24 QA: 9/12/24

COC#: LE09052024-04ML
LE09052024-05TA

DATE: 9/4/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl

WEATHER: 64°, Sunny

WELL ID: N/A SAMPLE ID: CWC276699

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW1Ø3285

BK/9/4/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Ø815 SAMPLE END TIME: Ø82Ø

CWCMBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 9/4/24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Ø812	N/A	N/A	7.45	1.Ø5	39.5	6.67	20.41	236	N/A

BK 9/4/24

Recorded By: 9/4/24 QA: 9/12/24

DATE: 9/4/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl

BK/9/4/24

WEATHER: 64°, Sunny

BK/9/4/24

DAILY TASK ACTIVITY: Ø73Ø: SLAPS, check in Horiba, load vehicle, depart for CWCMBB-A

Ø755: Arrive at CWCMBB-A and prepare to sample for rad + metals

Ø812: Record water quality measurements

Ø815: Sample directly from creek

Ø83Ø: Complete sampling, pack up vehicle, depart for SLDS for groundwater sampling

(See FP. 1196 for the rest of today's activities)

BK 9/4/24

Recorded By: 9/4/24 QA: 9/12/24

COC#: LE09172024-03ML
LE09172024-04TA

DATE: 9/9/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none

WEATHER: Upper 50°s, sunny

WELL ID: N/A SAMPLE ID: CWC276700

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW0D285

BK/9/9/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: ~~0810~~ 0816 SAMPLE END TIME: ~~0815~~ 0815

BK 9/9/24 BK 9/9/24

CWCMBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0805	N/A	N/A	6.98	0.970	22.1	7.42	18.36	273	N/A

BK 9/9/24 ~~uS/cm~~ mS/cm BK 9/9/24

BK 9/9/24

Recorded By: 9/9/24 QA: 9/12/24

DATE: 9/9/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl

BK/9/9/24

WEATHER: AM: Upper 50°s, sunny

BK/9/9/24

DAILY TASK ACTIVITY: 0730: SLABS, check in Horibas, load vehicle, plan workday, depart for CWCMBB-A

0755: CWCMBB-A, prepare to sample for rad + metals

0805: Record water quality measurements

0810: Sample directly from creek

0820: Complete sampling, load vehicle, depart for SLDS for groundwater sampling

(See FP. 1196 for the rest of today's activities)

BK 9/9/24

Recorded By: 9/9/24 QA: 9/12/24

COCID: LE09172024-05ML
LE09172024-06TA
BLC 9/26/24

DATE: 9/16/24

FIELD CREW: Lon Hoover & Jared King Witness: none

WEATHER: Partly Sunny & 76°F

WELL ID: N/A SAMPLE ID: CWC277889

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103198

ZH 9.16.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 0900 SAMPLE END TIME: 1010

CWC MBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0950	N/A	N/A	7.98	1.05	74.6	8.65	22.08	183	N/A

ZH 9.16.24

Recorded By: [signature] 9/16/24 QA: [signature] 9/26/24

DATE: 9/16/24

FIELD CREW: Lon Hoover & Jared King Witness: none

ZH 9.16.24

WEATHER: Partly Sunny, 76°F

ZH 9.16.24

DAILY TASK ACTIVITY: 0920 - Arrive at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB-A.

0945 - Arrive at CWC MBB-A and prepare to collect water quality measurements and sample for Rad.? Metals directly from creek.

1010 - Complete sampling of CWC MBB-A and return to SLAPS to secure samples and off-load equipment.

ZH 9.16.24

Recorded By: [signature] 9/16/24 QA: [signature] 9/26/24

LOCID: LE09262024-02MC
LE09262024-03TA

DATE: 9/25/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Partly Cloudy, 75°F

WELL ID: N/A SAMPLE ID: CWC 277870

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = 6LW1003199

ZH 9.25.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1005 SAMPLE END TIME: 1015

CWCMBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/c ZH 9.25.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1000	N/A	N/A	8.28	0.638	69.8	7.75	21.51	220	N/A

9.25.24 ZH

Recorded By: Lon S. Hoover 9/25/24 QA: 9/26/24

DATE: 9.25.24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

ZH 9.25.24

WEATHER: Partly Cloudy, 75°F

ZH 9.25.24

DAILY TASK ACTIVITY: 0930 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB-A

ZH 9.25.24 0934 1000 Arrive at CWC MBB-A and prepare to collect water quality measurements and sample for Rad. & metals directly from creek.

1015 - Complete sampling and return to SLAPS to off-load equipment and secure samples.

ZH 9.25.24

Recorded By: Lon S. Hoover 9/25/24 QA: 9/26/24

DATE: 10/1/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 76°F

WELL ID: N/A SAMPLE ID:

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1020 SAMPLE END TIME: 1025

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm ~~µS/cm~~ Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1015	N/A	N/A	8.06	0.897	88.2	5.93	21.7	26	N/A

10-1-24

10-1-24

Recorded By: Lon Hoover 10/1/24 QA:

DATE: 10/1/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

10-1-24

WEATHER: Mostly Sunny, 76°F

10-1-24

DAILY TASK ACTIVITY: 0945 - Arrive at SLAPS to calibrate Horiba and load equipment for surface water sampling of CWC MBB-A.

1010 - Arrive at CWC MBB-A and prepare to collect water quality measurements and Red. & metals samples directly from creek.

1025 - Complete sampling of CWC MBB-A and return to SLAPS to secure samples and off-load equipment.

10-1-24

Recorded By: Lon Hoover 10/1/24 QA:

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Recorded By:_____ QA:_____

DATE: 10 ZH 10.7.24 4/7/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 10 ZH 10.7.24 10.7.24

WEATHER: Mostly Sunny, 70°F ZH

10.7.24 10.7.24 ZH

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for surface water & sediment sampling at CWC stations CWC002 - CWC011.

0905 - Arrive at CWC002. Prepare to collect water quality measurements and sample for Rad. & metals (SW & SD) directly from creek. ZH 10.7.24

0945 - Arrive at CWC00. Prepare to collect water quality measurements and sample for Rad. & metals directly from creek.

1015 - Complete sampling at CWC010 and move to next location.

1030 - Arrive at CWC00B. ZH 10.7.24 Prepare to collect water quality measurements and sample for Rad. & metals directly from creek (SW & SD).

1055 - Complete sampling of CWC00B ZH 10.7.24 and move to next location.

1205 - Arrive at CWC007. Prepare to collect water quality measurements and sample for Rad. & metals (SW & SD) directly from creek. ZH 10.7.24

1235 - Complete sampling of CWC007 and return to SLAPS to secure samples.

Recorded By: 10 ZH 10.7.24 4/7/24 QA: 10/7/24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

10.7.24 JH

10. 7. 24

JH

Recorded By: QA:

COCID: LE1ΦΦ82Φ24-ΦIML
LE1ΦΦ82Φ24-Φ2TA

DATE: 10 JH 10.7.24 10/7/24

FIELD CREW: Lea Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 7Φ°F

WELL ID: N/A SAMPLE ID: CWC178655 ΦB JH CWC178656 S 10.7.24 JH

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: BK/10/17/24
Horiba = GLW1Φ3285

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: Φ92Φ SAMPLE END TIME: Φ93Φ

CWCΦ11

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ91Φ	N/A	N/A	6.96	Φ.864	Φ	7.7Φ	18.27	32Φ	N/A

JH 10.7.24

10 JH 10.7.24

10. 7. 24

JH

Recorded By: 10/7/24 QA: 10/17/24

1Φ AH 10.7.24

COCID: LE1ΦΦ82Φ24-Φ1ML
LE1ΦΦ82Φ24-Φ2TA

DATE: 10/7/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 7Φ°F

WELL ID: N/A SAMPLE ID: CWC278656 CWC278657

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

AH 10.7.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1ΦΦΦ SAMPLE END TIME: 1Φ15

CWCΦ1Φ

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ955	N/A	N/A	7.75	279	1Φ4	6.7Φ	18.6Φ	28Φ	N/A

1Φ AH 10.7.24

Recorded By: 10/7/24 QA: 10/17/24

1Φ AH 10.7.24

COCID: LE1ΦΦ82Φ24-Φ1ML
LE1ΦΦ82Φ24-Φ2TA

DATE: 10/7/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 7Φ°F

WELL ID: N/A SAMPLE ID: CWC278656 CWC278653 AH 10.7.24

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

AH 4.7.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1Φ45 SAMPLE END TIME: 1Φ55

CWCΦΦ98

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ9Φ AH 10.7.24									
1Φ4Φ	N/A	N/A	8.Φ5	1.22	63.4	5.41	18.45	294	N/A

1Φ 10.7.24 AH 8.7.24

Recorded By: 1Φ 10/7/24 10.7.24 QA: 10/17/24

MP 1H 10.8.24

DATE: 10/8/24

FIELD CREW: Lou Hoover ; Brad Kohlfeld Witness: none

1H | 1Φ 1H 10.8.24 / 10.8.24

WEATHER: Mostly Sunny, 60°F

1H | 1Φ 1H 10.8.24 / 10.8.24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for Surface water & Sediment sampling of CWC.

1005 - Arrive at CWC009. Prepare to collect surface water & sediment samples after water quality measurements.

1035 - Complete sampling of CWC009 and move to next location.

1050 - Arrive at CWC006. Prepare to collect water quality measurements and sample for Rad.'s Metals directly from creek.

1115 - Complete sampling of CWC006. Move to next location.

1140 - Arrive at CWC005. Prepare to collect water quality measurements and sample for Rad.'s metals directly from creek.

1205 - Complete sampling of CWC005. Move to next location.

1220 - Arrive at CWC004. Prepare to collect water quality measurements and sample for Rad.'s metals directly from creek.

1245 - Complete sampling of CWC004 and return to SLAPS to secure samples and off load equipment.

Recorded By: 10/8/24 QA: 10/21/24

DATE: 10/10/24

FIELD CREW: Lou Hoover ; Mike Miller Witness: none

1H 10.10.24

WEATHER: Partly Sunny, 59°F

2H 10.10.24

DAILY TASK ACTIVITY: 1100 - Meet at SLAPS to calibrate Horiba and load equipment for surface water/sediment sampling of CWC.

1150 - Arrive at CWC003 and prepare to collect water quality measurements and sample for Rad.'s metals (SW's only) directly from creek.

1210 - Complete sampling of CWC003 and move to next location.

1215 - Arrive at CWC002 and prepare to collect water quality measurements and sample for Rad.'s, metals (SW's SD) directly from creek. note: QA/QC collected from this location.

1240 - Complete sampling of CWC002 and return to SLAPS to secure samples and off-load equipment.

10.10.24

2H

Recorded By: 10/10/24 QA: 10/21/24

1Φ LH 10.7.24 COCID: LE1ΦΦ82Φ24-Φ1ML
LE1ΦΦ82Φ24-Φ2TA

DATE: 4/7/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 7Φ°F

WELL ID: N/A SAMPLE ID: CWC278 65Φ 1H CWC278 65Φ1 1Φ.7.24

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285
2H 1Φ 4.9.24 2H 1Φ.7.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1220 SAMPLE END TIME: 1235

CWCΦΦ87 1H 1Φ.7.24

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 1H 1Φ.7.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1215	N/A	N/A	8.Φ3	1.22	64.8	4.97	19.59	296	N/A
			2H	4.7.24					

Recorded By: [signature] 4/7/24 1Φ 1H 4.7.24 QA: [signature] 1Φ/21/24

COCID: LE1Φ142Φ24-Φ1ML
LE1Φ142Φ24-Φ2TA

DATE: 1Φ/8/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 64°F

WELL ID: N/A SAMPLE ID: CWC2786 54 CWC2786 55

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

1H 1Φ.8.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1Φ2Φ SAMPLE END TIME: 1Φ35

CWCΦΦ9

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 1H 1Φ.8.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Φ15	N/A	N/A	7.Φ2	1.21	Φ	9.51	17.28	3Φ5	N/A
			2H	1Φ.8.24					

Recorded By: [signature] 1Φ/8/24 QA: [signature] 1Φ/21/24

COCID: LE10142024-01ML
LE10142024-02TA

DATE: 10/8/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 65°F

WELL ID: N/A SAMPLE ID: CWC278648 CWC278649

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW10328T

JH 10.8.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1105 SAMPLE END TIME: 1115

CWC0006

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm JH 10.8.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1100	N/A	N/A	7.41	1.23	11.4	11.34	16.46	264	N/A

JH 10.8.24

Recorded By: Jon E. Hamm 10/8/24 QA: 10/21/24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

JH 11.25.24

Recorded By: QA:

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

11.25.24

LH

Recorded By: QA:

COCID: LE10142024-01ML
LE10142024-02TA

DATE: 10/8/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 69°F

WELL ID: N/A SAMPLE ID: CWC278646 CWC278647

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW10285

LH 10.8.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1155 SAMPLE END TIME: 1205

CWC005

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1150	N/A	N/A	8.12	1.14	2.5	6.92	16.55	242	N/A

LH 10.8.24

Recorded By: Lon S. Hoover 10/8/24 QA: 10/21/24

COCID: LE10142024-01ML
LE10142024-02TA

DATE: 10/8/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 71°F

WELL ID: N/A SAMPLE ID: CWC 278644 CWC 278645

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Q3285

LH 10.8.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1235 SAMPLE END TIME: 1245

CWC04

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS Sp. Cond. ~~(µS/cm)~~	LH 8.10.24 Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1230	N/A	N/A	8.18	1.13	19.1	9.53	17.10	266	N/A

10.8.24

LH

Recorded By: Jon E. Hoover 10/8/24 QA: 10/21/24

COCID: LE10142024-03ML
LE10142024-04TA

DATE: 10/10/24

FIELD CREW: Lon Hoover & Mike Miller Witness: none

WEATHER: Mostly Sunny, 60°F

WELL ID: N/A SAMPLE ID: CWC 278642 CWC 278643

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Q3285

LH 10.10.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1205 SAMPLE END TIME: 1210

CWC03

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS Sp. Cond. ~~(µS/cm)~~ LH 10.10.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1200	N/A	N/A	8.35	1.08	35.1	10.48	21.91	207	N/A

LH

10.10.24

Recorded By: Jon E. Hoover 10/10/24 QA: 10/21/24

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Recorded By:_____ QA:_____

DATE: 4/29/24

FIELD CREW: Lon Hoover & Nathan Gross Witness: none

1H | 4.29.24

WEATHER: Mostly Cloudy, 64°F

2H | 4.29.24

DAILY TASK ACTIVITY: 1100 - Meet at SLAPS to calibrate Horiba and load equipment for High-Flow CWC event (surface water)
1130 - Arrive at CWC009 to collect water quality measurement and sample directly from creek for Rad & metals.
1155 - Complete sampling at CWC009. Move to CWC007.
1220 - Arrive at CWC007 to collect water quality measurements and sample directly from the creek for Rad & metals.
1235 - Complete sampling at CWC007. Move to CWC002.
1245 - Arrive at CWC002 to collect water quality measurements and sample directly from the creek for Rad. & metals.
1305 - Complete sampling of CWC002. Returning to SLAPS to secure samples and off-load equipment.

4.29.24
7H

Recorded By: Lon S. Hoover QA: 5.13.24

COCID: LE 10142024-0SML
LE 10142024-06TA

DATE: 10/10/24

FIELD CREW: Lon Hoover & Mike Miller Witness: none

WEATHER: Partly Sunny, 60°F

WELL ID: N/A SAMPLE ID: CWC 277892

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 10 3285

ZH 10-10-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1210 SAMPLE END TIME: 1225

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1200	N/A	N/A	8.35	1.68	35.1	10.78	21.09	207	N/A

ZH 10/10/24

Recorded By: Jan E. Hamill 10/10/24 QA: 10/21/24

DATE: 10/10/24

FIELD CREW: Lon Hoover & ~~Brad T~~ Mike Miller (10-10-24) Witness: none

ZH 10-10-24

WEATHER: Partly Sunny, 60°F

ZH 10-10-24

DAILY TASK ACTIVITY: 1100- Arrive at SLAFS to calibrate Horiba and load equipment for surface water sampling at CWC MBB A.

1150- Arrive at CWC MBB A and prepare to collect water quality measurements and sample for Rad & metals directly from creek.

1225- Complete sampling of CWC MBB A and return to SLAFS to secure samples and off-load equipment.

ZH 10-10-24

Recorded By: Jan E. Hamill 10/10/24 QA: 10/21/24

COCID: LE 10162424 - 0SML
LE 10162424 - 06TA

DATE: 10/16/24

FIELD CREW: Bradley Kohlfeld & Jared King witnessinone

WEATHER: 56°/Sunny

WELL ID: N/A SAMPLE ID: CWC277893

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba: GLW103285
BK 10/16/24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1240 SAMPLE END TIME: 1245

CWCMBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 10/16/24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1235	N/A	N/A	7.63	1.04	0.0	~~376~~ 8.76 BK 10/16/24	16.94	276	N/A

BK 10/16/24

Recorded By: 10/16/24 QA: 10/23/24

DATE: 10/16/24

FIELD CREW: Bradley Kohlfeld + Jared King

BK 10/16/24

WEATHER: 56°/Sunny

BK 10/16/24

DAILY TASK ACTIVITY: 0730: Check in Horiba

1225: Depart SLAPS for CWCMBB-A

1230: Arrive @ CWCMBB-A for surface water sampling and monitor water quality parameters

1240: Begin sampling directly from creek

1245: Complete sampling

1255: Depart CWCMBB-A for HISS for groundwater monitoring

BK 10/16/24

Recorded By: 10/16/24 QA: 10/23/24

COC ID: LE10242024-03ML
LE10242024-04TA

DATE: 10/23/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Partly Cloudy, 66°F

WELL ID: N/A SAMPLE ID: CWC272894

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW 103285

ZH 10.23.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1040 SAMPLE END TIME: 1045

CWC MBB-A

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 10.23.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1035	N/A	N/A	7.51	1.03	6.7	10.35	17.37	295	N/A

10.23.24
ZH

Recorded By: Lou G. Hoover 10/23/24 QA: 11/6/24

DATE: 10/23/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 10.23.24

WEATHER: Partly Cloudy, 66°F

ZH 10.23.24

DAILY TASK ACTIVITY: 0830 - Arrive/meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB-A.

1030 - Arrive at CWC MBB-A and prepare to collect water quality measurements and sample for Rad. & metals directly from creek.

1045 - Complete sampling of CWC MBB-A and return to SLAPS to secure samples and off-load equipment.

10.23.24
ZH

Recorded By: Lou G. Hoover 10/23/24 QA: 11/6/24

COCID: LE1Φ142Φ24-Φ3ML
LE1Φ142Φ24-Φ4TA
LE1Φ142Φ24-Φ7TD

DATE: 1Φ/1Φ/24

FIELD CREW: Lon Hoover & Mike Miller Witness: none

WEATHER: Mostly Sunny, 6Φ°F

WELL ID: N/A SAMPLE ID: CWC278641 (CWC278624Φ) (-1 & -2)

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

ZH 1Φ.1Φ.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1225 SAMPLE END TIME: 124Φ

CWCΦΦ2

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
122Φ	N/A	N/A	8.76	1.11	Φ.Φ	15.93	2Φ.13	228	N/A

1Φ.1Φ.24 ZH

Recorded By: Lon Hoover 1Φ/1Φ/24 QA: 1Φ/21/24

FEDMS COCID: LE1127241Φ3ML
LE1127241Φ4TA

DATE: 11/25/24

FIELD CREW: Lon Hoover & Brad Rohlfing Witness: none

WEATHER: Overcast, 58°F

WELL ID: B53WΦ75 SAMPLE ID: SW278697

TOTAL DEPTH: 36' WELL DIAMETER: 2"

SCREEN INTERVAL: 3Φ'-35' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 14.79' FINAL WATER LEVEL: 14.45'

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ322B,
peristaltic pump = 01ΦΦ45321

PURGE START TIME: ΦΦ945 PURGE END TIME: 1Φ35 TOTAL VOLUME PURGED: 13,ΦΦΦ mL

SAMPLE START TIME: 1Φ35 SAMPLE END TIME: 111Φ

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. mS/cm (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ945	2ΦΦ	3ΦΦ*	6.85	1.66	Φ	6.84	16.56	366	15.28
Φ948		36ΦΦ	6.96	1.68	Φ	3.2Φ	16.19	357	15.31
Φ951		42ΦΦ	7.Φ6	1.68	Φ	2.Φ5	15.7Φ	352	15.35
Φ954		48ΦΦ	7.14	1.68	Φ	1.54	15.49	35Φ	15.36
Φ957		54ΦΦ	7.16	1.68	Φ	1.35	15.35	35Φ	15.39
1ΦΦΦ		6ΦΦΦ	7.19	1.68	Φ	1.25	15.37	348	15.41
1Φ05		7ΦΦΦ	7.22	1.68	Φ	1.Φ8	15.21	345	15.42
1Φ1Φ		8ΦΦΦ	7.26	1.67	Φ	Φ.96	15.24	343	15.43
1Φ15		9ΦΦΦ	7.3Φ	1.67	Φ	Φ.95	15.13	342	15.43
1Φ2Φ		1ΦΦΦ	7.29	1.67	Φ	Φ.85	15.Φ6	343	15.43
1Φ25		11ΦΦ	7.27	1.67	Φ	Φ.75	15.Φ7	34Φ	15.44
1Φ3Φ		12ΦΦΦ	7.3Φ	1.69	Φ	Φ.76	14.99	337	15.45
1Φ35		13ΦΦ	7.32	1.69	Φ	Φ.75	14.89	336	15.45

ZH 11.25.24

Recorded By: Lon Hoover 11/25/24 QA: 12/9/24

FEDMS COCID: LE11272402ML
LE11272402TA

DATE: 11/25/24

FIELD CREW: Lou Hoon & Brad Kohlfeld Witness: none

WEATHER: Overcast, 49°F

WELL ID: N/A SAMPLE ID: CWC277895

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

ZH 11.25.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1138 SAMPLE END TIME: 1140

CWCMBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (~~µS/cm~~ mS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1135	N/A	N/A	7.89	1.06	0	7.23	14.1	280	N/A

ZH 11.25.24

ZH 11.25.24

Recorded By: Lou G. Hoon 11/25/24 QA: 12/9/24

DATE: 11/25/24

FIELD CREW: Lou Hoon & Brad Kohlfeld Witness: none

ZH 11.25.24

WEATHER: Overcast, 49°F

ZH 11.25.24

DAILY TASK ACTIVITY: 0830 - Meet at SLAS to calibrate Horiba and load equipment for surface water sampling.

1136 - Arrive at MBB to collect water quality measurements and sample for Rad. & metals directly from Creek.

1140 - Complete sampling of CWC MBB and return to SLAS to decon samples and off-load equipment.

4.25.24 ZH

Recorded By: Lou G. Hoon 11/25/24 QA: 12/9/24

FEDMS COCIDs: 121224ΦΦ3ML
121224ΦΦ4TA
121224ΦΦTD

DATE: 12/12/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 29°F

WELL ID: N/A SAMPLE ID: CWC277896(-1:-2)

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW103285

2H 12-12-24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1045 SAMPLE END TIME: 1100

CWC MBB

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1040	N/A	N/A	6.99	1.09	0	7.09	7.69	97	N/A

2H 12-12-24

12-12-24

Recorded By: Jon E. Hoover 12/12/24 QA: 12/18/24

DATE: 12/12/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

2H 12-12-24

WEATHER: Overcast, 29°F

2H 12-12-24

DAILY TASK ACTIVITY: 0945- Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC MBB.

1030- Arrive at CWC MBB and prepare to collect water quality measurements.

1045- Begin collecting surface water samples (Rad. & metals) directly from Creek.

Note: This is a QA/QC sample location.

1100- Complete sampling of CWC-MBB and return to SLAPS to secure samples and off-load equipment.

2H 12-12-24

Recorded By: Jon E. Hoover 12/12/24 QA: 12/18/24

APPENDIX F

GROUNDWATER FIELD PARAMETER DATA AND ANALYTICAL DATA RESULTS FOR CALENDAR YEAR 2024

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Table F-1. Groundwater Monitoring Field Parameters for the Latty Avenue Properties First Quarter 2024

Station ID	Date Sampled	Purge Rate (mL/minute)	Volume Removed (mL)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water at Sampling Time	Depth to Water (BTOC) 02/9/24
HISS-01	02/14/24	300	43500	7.60	1.25	0.0	5.78	13.49	171	8.55	7.61
HISS-06A	02/20/24	175	9725	7.37	1.37	4.7	0.56	15.21	190	8.24	7.63
HISS-10	02/15/24	300	12150	7.41	1.28	1.4	1.04	13.80	153	7.27	5.54
HISS-11A	02/15/24	120	6260	7.44	0.767	2.3	1.65	14.46	127	15.02	12.63
HISS-17S	02/21/24	300	54600	6.60	6.59	1.5	0.27	14.59	175	14.32	12.85
HISS-19S	02/19/24	250	37460	7.22	0.997	8.3	0.27	14.58	-75	18.51	14.44
HW22	02/28/24	200	9400	6.95	2.20	0	2.49	11.87	65	15.68	13.62
HW23	02/28/24	300	51000	7.70	1.06	21.3	4.02	11.49	-107	10.66	9.68

Table F-1. Groundwater Monitoring Field Parameters for the Latty Avenue Properties (Continued)
Second Quarter 2024

Station ID	Date Sampled	Purge Rate (mL/minute)	Volume Removed (mL)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water at Sampling Time	Depth to Water (BTOC) 05/13/24
HISS-01	05/28/24	300	42300	7.53	1.06	0	3.52	16.31	238	8.58	7.82
HISS-06A	05/22/24	250	9000	7.10	1.28	3.1	0.41	16.09	151	8.14	7.61
HISS-10	05/28/24	300	13800	7.38	1.07	0	0.14	16.20	158	5.23	4.98
HISS-11A	05/23/24	150	6900	7.06	0.731	1.1	0.38	16.71	235	13.82	11.78
HISS-17S	06/05/24	300	41500	7.50	0.478	3.5	0.94	15.84	214	7.07	5.34
HISS-19S	05/22/24	250	38000	6.89	1.00	11.0	0.11	16.56	-100	17.98	13.93
HW22	05/29/24	300	10500	6.76	2.02	0	0.93	15.11	286	13.54	12.95
HW23	05/30/24	300	53400	7.60	1.01	9.9	1.63	14.10	-126	10.59	9.77

Table F-1. Groundwater Monitoring Field Parameters for the Latty Avenue Properties (Continued)
Third Quarter 2024

Station ID	Date Sampled	Purge Rate (mL/minute)	Volume Removed (mL)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water at Sampling Time	Depth to Water (BTOC) 08/01/24
HISS-01	08/13/24	250	39250	7.56	1.18	0.0	0.69	18.21	173	9.96	7.69
HISS-06A	08/08/24	180	9180	7.40	1.36	0	0.40	20.17	178	8.53	8.07
HISS-10	08/07/24	300	11100	7.57	1.11	2.3	0.13	16.88	169	7.93	6.67
HISS-11A	08/12/24	110	5940	7.45	0.740	0.4	0.40	19.66	182	14.83	12.89
HISS-17S	08/06/24	300	37500	7.96	0.471	1.3	0.71	19.20	106	8.06	5.52
HISS-19S	08/05/24	300	37500	7.00	1.01	1.8	0.12	19.20	-51	17.23	14.42
HW22	08/12/24	200	9400	6.98	2.24	0.0	1.07	14.84	207	15.93	14.20
HW23	08/19/24	300	50700	7.62	1.09	11.6	2.59	14.50	-71	10.93	9.95

Table F-1. Groundwater Monitoring Field Parameters for the Latty Avenue Properties (Continued)
Fourth Quarter 2024

Station ID	Date Sampled	Purge Rate (mL/minute)	Volume Removed (mL)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water at Sampling Time	Depth to Water (BTOC) 10/03/24
HISS-01	10/21/24	300	34500	7.39	1.29	1.8	0.70	17.90	221	11.46	9.41
HISS-06A	10/15/24	100	8800	7.64	1.26	7.0	0.58	17.73	139	9.08	8.25
HISS-10	10/21/24	225	10350	7.73	1.02	0	0.24	18.10	125	9.40	7.05
HISS-11A	10/16/24	150	6150	7.63	0.721	3.6	0.49	19.09	37	15.19	12.01
HISS-17S	10/15/24	300	33300	7.89	0.453	13.3	0.49	17.33	196	10.20	6.19
HISS-19S	10/16/24	300	36903	7.22	1.07	11.3	0.14	16.82	8	17.90	14.31
HW22 *	---	---	---	---	---	---	---	---	---	---	---
HW23 *	---	---	---	---	---	---	---	---	---	---	---

* Expired Access Agreement

--- Monitoring well was not sampled during this event.

BTOC – below top of casing

Table F-2. Groundwater Monitoring Field Parameters for SLAPS and SLAPS VPs
First Quarter 2024

Station ID	Date Sampled	Purge Rate (mL/minute)	Volume Removed (mL)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water at Sampling Time	Depth to Water (BTOC) 02/9/24
B53W01D	02/22/24	300	52350	7.70	1.07	38.2	0.01	14.38	-165	10.94	10.58
B53W01S	02/20/24	200	9600	7.15	0.948	0.6	1.26	14.20	194	14.22	12.70
B53W06S	02/29/24	150	11700	6.81	1.22	4.6	0.32	12.58	121	22.09	16.34
B53W07D	03/05/24	300	47700	7.45	1.01	25.7	0.0	13.70	-152	11.03	10.81
B53W07S *	---	---	---	---	---	---	---	---	---	---	20.29
B53W09S	03/04/24	175	11375	7.18	1.14	0	0.27	16.16	6	18.85	16.91
B53W17S	02/21/24	300	54600	6.60	6.59	1.5	0.27	14.59	175	14.32	12.85
MW31-98	02/21/24	210	11070	6.70	2.39	7.2	0.60	15.19	193	17.05	15.61
MW32-98	02/26/24	85	2295	7.07	1.43	7.9	1.42	15.46	178	17.20	17.07
PW35	03/06/24	300	63000	7.57	0.774	3.5	8.74	15.26	-67	20.41	10.11
PW36	03/07/24	300	48000	7.60	0.789	13.7	0.0	14.68	-139	10.31	9.97
PW42	03/04/24	300	45450	7.58	0.968	9.4	0.20	15.98	-150	32.0	10.49
PW43	02/26/24	100	4800	6.93	0.764	0.9	0.85	16.61	193	18.84	17.01
PW44	02/13/24	150	9675	7.53	0.860	2.2	2.86	13.05	152	8.52	4.06
PW45	02/27/24	175	8675	7.78	1.05	0	2.97	14.88	169	7.78	7.02
PW46	02/27/24	150	6900	6.95	2.53	0	0.50	15.60	113	12.75	11.34

Table F-2. Groundwater Monitoring Field Parameters for SLAPS and SLAPS VPs (Continued)
Second Quarter 2024

Station ID	Date Sampled	Purge Rate (mL/minute)	Volume Removed (mL)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water at Sampling Time	Depth to Water (BTOC) 05/13/24
B53W01D	05/20/24	300	52750	7.40	1.00	4.7	0.17	17.04	-169	10.84	10.61
B53W01S	05/15/24	200	11800	6.94	0.935	0	0.50	16.44	166	10.09	10.22
B53W06S	06/06/24	100	13200	6.90	2.18	4.3	0.27	16.61	258	19.44	14.59
B53W07D	06/04/24	300	48600	7.19	1.05	9.7	0.00	15.71	-165	10.87	10.80
B53W07S	06/04/24	300	9900	6.95	1.55	3.9	0.57	19.31	-49	19.80	18.85
B53W09S	06/03/24	250	11750	6.99	1.09	0	0.28	17.59	95	17.92	16.99
B53W17S	06/10/24	300	62100	6.47	6.35	0	1.01	15.41	209	11.27	10.31
MW31-98	05/29/24	300	16800	7.11	0.710	0	4.33	14.48	218	7.84	11.89
MW32-98	05/21/24	110	4010	7.20	0.545	0	2.28	17.91	210	14.15	14.40
PW35	06/11/24	300	62400	7.48	0.842	10.3	5.77	20.90	-54	15.21	14.17
PW36	05/14/24	300	47400	7.63	0.588	9.2	2.03	16.00	-103	10.13	9.98
PW42	06/03/24	300	44900	7.46	0.950	8.8	0.23	18.74	-159	26.50	10.62
PW43	05/21/24	125	6350	7.30	0.538	0	4.99	19.76	266	16.65	14.97
PW44	05/15/24	100	10900	7.21	0.805	0	0.59	17.55	74	6.79	4.26
PW45	05/15/24	200	11000	7.40	0.990	0	0.97	14.68	139	5.65	6.28
PW46	05/21/24	150	7050	6.82	2.37	1.6	0.60	18.55	214	12.14	11.32

Table F-2. Groundwater Monitoring Field Parameters for SLAPS and SLAPS VPs (Continued)
Third Quarter 2024

Station ID	Date Sampled	Purge Rate (mL/minute)	Volume Removed (mL)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water at Sampling Time	Depth to Water (BTOC) 08/01/24
B53W01D	08/22/24	300	51900	7.45	1.07	11.3	0.00	15.95	-120	10.75	10.58
B53W01S	08/20/24	100	8800	6.89	0.914	0.0	0.57	20.70	69	14.53	13.01
B53W06S	08/28/24	120	12600	6.94	2.01	0.0	0.33	17.04	200	23.37	14.75
B53W07D	08/26/24	300	47700	7.48	1.07	22.7	0.00	16.65	-117	10.45	10.60
B53W07S	08/26/24	120	11640	7.17	1.82	0.0	0.29	20.39	59	18.42	16.20
B53W09S	08/29/24	150	11600	6.84	1.27	0.0	0.10	17.21	164	18.61	16.45
B53W17S	08/27/24	300	60000	6.72	6.65	0.0	0.7	17.55	128	12.08	9.73
MW31-98	08/21/24	125	13875	7.19	1.35	0.0	0.60	18.89	111	11.73	8.24
MW32-98	08/14/24	100	3900	7.03	0.702	2.8	1.89	18.87	204	14.17	14.43
PW35	08/15/24	300	63000	7.61	0.865	3.1	5.08	19.67	-20	20.79	11.64
PW36	08/19/24	300	47700	7.59	0.684	9.3	0.00	17.22	-138	9.81	9.81
PW42	08/28/24	250	45100	7.72	1.02	5.0	0.17	21.14	-154	24.81	10.83
PW43	08/13/24	150	9750	7.11	0.917	0.0	0.36	19.26	154	12.67	11.00
PW44	08/21/24	75	8750	7.21	0.851	2.0	0.66	17.97	141	7.31	5.02
PW45	08/14/24	150	9150	7.61	0.865	0.0	0.59	18.44	172	7.81	6.79
PW46	08/20/24	85	5440	6.70	2.58	2.0	0.79	20.07	150	14.65	12.55

Table F-2. Groundwater Monitoring Field Parameters for SLAPS and SLAPS VPs (Continued)
Fourth Quarter 2024

Station ID	Date Sampled	Purge Rate (mL/minute)	Volume Removed (mL)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water at Sampling Time	Depth to Water (BTOC) 10/03/24
B53W01D	11/18/24	300	52200	7.83	10.4	17.8	0.16	15.98	-115	10.00	10.21
B53W01S	11/14/24	225	11025	7.19	0.908	0	0.70	13.89	319	10.43	14.17
B53W06S	11/20/24	250	12750	7.09	1.11	27.8	0.81	13.89	308	17.20	15.35
B53W07D	10/30/24	300	47700	7.44	1.05	0	0.33	17.44	-121	9.98	9.96
B53W07S	11/25/24	200	13000	7.32	1.69	0	0.75	14.89	336	15.45	16.83
B53W09S	10/29/24	225	11475	7.23	1.27	0	1.41	18.71	239	17.80	16.88
B53W17S	11/11/24	300	65700	6.95	6.29	0	0.16	16.99	278	9.14	10.83
MW31-98	10/28/24	250	13250	7.09	1.95	0	0.56	15.23	264	13.00	10.25
MW32-98	10/28/24	150	2850	7.02	0.753	36.2	3.27	17.78	252	16.22	15.49
PW35	11/06/24	300	62400	7.73	0.846	8.3	0.76	16.88	-27	14.50	15.38
PW36	11/07/24	300	48000	7.84	0.448	19.8	0	15.79	16	9.08	9.31
PW42	10/24/24	300	45300	7.84	1.00	2.3	0.17	16.87	-112	20.58	10.40
PW43	10/29/24	150	8550	7.10	1.01	0	1.13	19.01	269	13.19	11.78
PW44	10/23/24	175	8230	7.21	0.831	0	0.56	17.60	234	7.55	5.44
PW45	10/22/24	200	8400	7.71	0.807	7.2	0.44	18.09	156	8.63	7.00
PW46	10/22/24	150	5400	6.98	2.37	0	0.76	17.58	210	15.30	14.17

* Monitoring well B53W07S was not sampled in the first quarter of 2024 due to the water level being below the middle of the screen.

--- Monitoring well was not sampled during this event.

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties

Site: Latty Avenue Properties											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
HIS273495	HISS-01	02/14/24	SW846 6020	Antimony	0.46		0.29	µg/L	=		No
HIS273495	HISS-01	02/14/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS273495	HISS-01	02/14/24	SW846 6020	Barium	55		0.69	µg/L	=		No
HIS273495	HISS-01	02/14/24	SW846 6020	Cadmium	0.064		0.06	µg/L	=		No
HIS273495	HISS-01	02/14/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS273495	HISS-01	02/14/24	SW846 6020	Molybdenum	20		2	µg/L	=		No
HIS273495	HISS-01	02/14/24	SW846 6020	Nickel	0.94		0.89	µg/L	=		No
HIS273495	HISS-01	02/14/24	SW846 6020	Selenium	56		0.67	µg/L	=		No
HIS273495	HISS-01	02/14/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS273495	HISS-01	02/14/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS273495	HISS-01	02/14/24	ML-005	Th-228	0.193	0.335	0.753	pCi/L	UJ	T06	No
HIS273495	HISS-01	02/14/24	ML-005	Th-230	0.676	0.435	0.411	pCi/L	J	F01, T04, T20	No
HIS273495	HISS-01	02/14/24	ML-005	Th-232	0.0482	0.132	0.341	pCi/L	UJ	T06	No
HIS273495	HISS-01	02/14/24	ML-006	Ra-226	0.0637	0.202	0.536	pCi/L	UJ	T06	No
HIS273495	HISS-01	02/14/24	ML-015	U-234	10.9	2.14	0.552	pCi/L	=		No
HIS273495	HISS-01	02/14/24	ML-015	U-235	0.277	0.371	0.68	pCi/L	UJ	T06	No
HIS273495	HISS-01	02/14/24	ML-015	U-238	11.6	2.23	0.549	pCi/L	=		No
HIS275674	HISS-01	05/28/24	SW846 6020	Antimony	0.49		0.29	µg/L	=		No
HIS275674	HISS-01	05/28/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS275674	HISS-01	05/28/24	SW846 6020	Barium	46		0.69	µg/L	=		No
HIS275674	HISS-01	05/28/24	SW846 6020	Cadmium	0.15		0.06	µg/L	=		No
HIS275674	HISS-01	05/28/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS275674	HISS-01	05/28/24	SW846 6020	Molybdenum	21		2	µg/L	=		No
HIS275674	HISS-01	05/28/24	SW846 6020	Nickel	0.89		0.89	µg/L	U		No
HIS275674	HISS-01	05/28/24	SW846 6020	Selenium	52		0.67	µg/L	=		No
HIS275674	HISS-01	05/28/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS275674	HISS-01	05/28/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS275674	HISS-01	05/28/24	ML-005	Th-228	0.351	0.335	0.392	pCi/L	UJ	T04, T05	No
HIS275674	HISS-01	05/28/24	ML-005	Th-230	0.444	0.394	0.544	pCi/L	UJ	T04, T05	No
HIS275674	HISS-01	05/28/24	ML-005	Th-232	0.0554	0.152	0.392	pCi/L	UJ	T06	No
HIS275674	HISS-01	05/28/24	ML-006	Ra-226	0.186	0.479	1.2	pCi/L	UJ	T06	No
HIS275674	HISS-01	05/28/24	ML-015	U-234	10.3	2.1	0.577	pCi/L	=		No
HIS275674	HISS-01	05/28/24	ML-015	U-235	0.0967	0.274	0.712	pCi/L	UJ	T06	No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS275674	HISS-01	05/28/24	ML-015	U-238	9.74	2.03	0.414	pCi/L	=		No
HIS275674-1	HISS-01	05/28/24	SW846 6020	Antimony	0.48		0.29	µg/L	=		No
HIS275674-1	HISS-01	05/28/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS275674-1	HISS-01	05/28/24	SW846 6020	Barium	47		0.69	µg/L	=		No
HIS275674-1	HISS-01	05/28/24	SW846 6020	Cadmium	0.11		0.06	µg/L	=		No
HIS275674-1	HISS-01	05/28/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS275674-1	HISS-01	05/28/24	SW846 6020	Molybdenum	21		2	µg/L	=		No
HIS275674-1	HISS-01	05/28/24	SW846 6020	Nickel	0.89		0.89	µg/L	U		No
HIS275674-1	HISS-01	05/28/24	SW846 6020	Selenium	52		0.67	µg/L	=		No
HIS275674-1	HISS-01	05/28/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS275674-1	HISS-01	05/28/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS275674-1	HISS-01	05/28/24	ML-005	Th-228	0.659	0.459	0.4	pCi/L	J	T04, T20	No
HIS275674-1	HISS-01	05/28/24	ML-005	Th-230	0.981	0.575	0.555	pCi/L	J	T04, T20	No
HIS275674-1	HISS-01	05/28/24	ML-005	Th-232	0.0753	0.213	0.554	pCi/L	UJ	T06	No
HIS275674-1	HISS-01	05/28/24	ML-006	Ra-226	-1.1E-07	0.271	0.93	pCi/L	UJ	T06	No
HIS275674-1	HISS-01	05/28/24	ML-015	U-234	10.3	2.12	0.583	pCi/L	=		No
HIS275674-1	HISS-01	05/28/24	ML-015	U-235	0.464	0.442	0.519	pCi/L	UJ	T04, T05	No
HIS275674-1	HISS-01	05/28/24	ML-015	U-238	10.4	2.12	0.419	pCi/L	=		No
HIS275674-2	HISS-01	05/28/24	SW846 9320 MODL	Ra-228	0.33	0.312	0.497	pCi/L	UJ	T04, T05	No
HIS275674-2	HISS-01	05/28/24	EML A-01-R MOD	Th-228	-0.00105	0.184	0.346	pCi/L	UJ	T06	No
HIS275674-2	HISS-01	05/28/24	EML A-01-R MOD	Th-230	-0.12	0.152	0.29	pCi/L	UJ	T06	No
HIS275674-2	HISS-01	05/28/24	EML A-01-R MOD	Th-232	-0.00016	0.0517	0.142	pCi/L	UJ	T06	No
HIS275674-2	HISS-01	05/28/24	EML A-01-R MOD	U-234	9.44	1.19	0.129	pCi/L	=		No
HIS275674-2	HISS-01	05/28/24	EML A-01-R MOD	U-235	0.429	0.218	0.146	pCi/L	J	T04, T20	No
HIS275674-2	HISS-01	05/28/24	EML A-01-R MOD	U-238	8.37	1.09	0.101	pCi/L	=		No
HIS275674-2	HISS-01	05/28/24	SW846 9315 MODL	Ra-226	0.228	0.0986	0.108	pCi/L	=		No
HIS275674-2	HISS-01	05/28/24	SW846 6020	Antimony	0.55		0.4	µg/L	=		No
HIS275674-2	HISS-01	05/28/24	SW846 6020	Arsenic	0.5		0.5	µg/L	U		No
HIS275674-2	HISS-01	05/28/24	SW846 6020	Barium	47		0.38	µg/L	=		No
HIS275674-2	HISS-01	05/28/24	SW846 6020	Cadmium	0.19		0.19	µg/L	U		No
HIS275674-2	HISS-01	05/28/24	SW846 6020	Chromium	0.5		0.5	µg/L	U		No
HIS275674-2	HISS-01	05/28/24	SW846 6020	Molybdenum	20		0.37	µg/L	=		No
HIS275674-2	HISS-01	05/28/24	SW846 6020	Nickel	0.83		0.83	µg/L	U		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS275674-2	HISS-01	05/28/24	SW846 6020	Selenium	45		1	µg/L	=		No
HIS275674-2	HISS-01	05/28/24	SW846 6020	Thallium	0.21		0.21	µg/L	U		No
HIS275674-2	HISS-01	05/28/24	SW846 6020	Vanadium	1.1		1.1	µg/L	U		No
HIS277121	HISS-01	08/13/24	SW846 6020	Antimony	0.44		0.29	µg/L	=		No
HIS277121	HISS-01	08/13/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS277121	HISS-01	08/13/24	SW846 6020	Barium	54		0.69	µg/L	=		No
HIS277121	HISS-01	08/13/24	SW846 6020	Cadmium	0.06		0.06	µg/L	UJ	E01, E08	No
HIS277121	HISS-01	08/13/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS277121	HISS-01	08/13/24	SW846 6020	Molybdenum	20		2	µg/L	=		No
HIS277121	HISS-01	08/13/24	SW846 6020	Nickel	1.1		0.89	µg/L	=		No
HIS277121	HISS-01	08/13/24	SW846 6020	Selenium	60		0.67	µg/L	=		No
HIS277121	HISS-01	08/13/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS277121	HISS-01	08/13/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS277121	HISS-01	08/13/24	ML-005	Th-228	0.197	0.249	0.374	pCi/L	UJ	T06	No
HIS277121	HISS-01	08/13/24	ML-005	Th-230	0.424	0.346	0.381	pCi/L	J	F01, T04, T20	No
HIS277121	HISS-01	08/13/24	ML-005	Th-232	0	0.171	0.38	pCi/L	UJ	T06	No
HIS277121	HISS-01	08/13/24	ML-006	Ra-226	0.116	0.232	0.452	pCi/L	UJ	T06	No
HIS277121	HISS-01	08/13/24	ML-015	U-234	9.88	2.05	0.493	pCi/L	=		No
HIS277121	HISS-01	08/13/24	ML-015	U-235	0.387	0.434	0.608	pCi/L	UJ	T06	No
HIS277121	HISS-01	08/13/24	ML-015	U-238	9.76	2.03	0.491	pCi/L	=		No
HIS278679	HISS-01	10/21/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
HIS278679	HISS-01	10/21/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS278679	HISS-01	10/21/24	SW846 6020	Barium	5.40E+01		0.69	µg/L	=		No
HIS278679	HISS-01	10/21/24	SW846 6020	Cadmium	0.2		0.2	µg/L	UJ	E01, E08	No
HIS278679	HISS-01	10/21/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS278679	HISS-01	10/21/24	SW846 6020	Molybdenum	19		0.53	µg/L	=		No
HIS278679	HISS-01	10/21/24	SW846 6020	Nickel	0.95		0.89	µg/L	=		No
HIS278679	HISS-01	10/21/24	SW846 6020	Selenium	68		0.67	µg/L	=		No
HIS278679	HISS-01	10/21/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS278679	HISS-01	10/21/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS278679	HISS-01	10/21/24	ML-005	Th-228	0.314	0.309	0.395	pCi/L	UJ	T04, T05	No
HIS278679	HISS-01	10/21/24	ML-005	Th-230	0.754	0.46	0.395	pCi/L	J	F01, T04, T20	No
HIS278679	HISS-01	10/21/24	ML-005	Th-232	0.0627	0.178	0.395	pCi/L	UJ	T06	No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS278679	HISS-01	10/21/24	ML-006	Ra-226	-0.0384	0.172	0.449	pCi/L	UJ	T06	No
HIS278679	HISS-01	10/21/24	ML-015	U-234	12	2.56	0.469	pCi/L	=		No
HIS278679	HISS-01	10/21/24	ML-015	U-235	0.478	0.537	0.752	pCi/L	UJ	T06	No
HIS278679	HISS-01	10/21/24	ML-015	U-238	11.6	2.49	0.467	pCi/L	=		No
HIS273496	HISS-06A	02/20/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS273496	HISS-06A	02/20/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS273496	HISS-06A	02/20/24	SW846 6020	Barium	67		0.69	µg/L	=		No
HIS273496	HISS-06A	02/20/24	SW846 6020	Cadmium	1.2		0.06	µg/L	=		No
HIS273496	HISS-06A	02/20/24	SW846 6020	Chromium	1.5		1.3	µg/L	=		No
HIS273496	HISS-06A	02/20/24	SW846 6020	Molybdenum	2.8		2	µg/L	=		No
HIS273496	HISS-06A	02/20/24	SW846 6020	Nickel	4.6		0.89	µg/L	=		No
HIS273496	HISS-06A	02/20/24	SW846 6020	Selenium	130		0.67	µg/L	=		No
HIS273496	HISS-06A	02/20/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS273496	HISS-06A	02/20/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS273496	HISS-06A	02/20/24	ML-005	Th-228	0.348	0.343	0.513	pCi/L	UJ	T04, T05	No
HIS273496	HISS-06A	02/20/24	ML-005	Th-230	1.4	0.657	0.513	pCi/L	J	F01	No
HIS273496	HISS-06A	02/20/24	ML-005	Th-232	0.191	0.245	0.37	pCi/L	UJ	T06	No
HIS273496	HISS-06A	02/20/24	ML-006	Ra-226	0.126	0.283	0.681	pCi/L	UJ	T06	No
HIS273496	HISS-06A	02/20/24	ML-015	U-234	1.31	0.642	0.392	pCi/L	=		No
HIS273496	HISS-06A	02/20/24	ML-015	U-235	0.0911	0.258	0.67	pCi/L	UJ	T06	No
HIS273496	HISS-06A	02/20/24	ML-015	U-238	1.14	0.602	0.469	pCi/L	J	T04, T20	No
HIS275675	HISS-06A	05/22/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS275675	HISS-06A	05/22/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS275675	HISS-06A	05/22/24	SW846 6020	Barium	57		0.69	µg/L	=		No
HIS275675	HISS-06A	05/22/24	SW846 6020	Cadmium	0.8		0.06	µg/L	=		No
HIS275675	HISS-06A	05/22/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS275675	HISS-06A	05/22/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
HIS275675	HISS-06A	05/22/24	SW846 6020	Nickel	3.7		0.89	µg/L	J	F01	No
HIS275675	HISS-06A	05/22/24	SW846 6020	Selenium	140		0.67	µg/L	=		No
HIS275675	HISS-06A	05/22/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS275675	HISS-06A	05/22/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS275675	HISS-06A	05/22/24	ML-005	Th-228	0	0.246	0.641	pCi/L	UJ	T06	No
HIS275675	HISS-06A	05/22/24	ML-005	Th-230	1.66	0.804	0.642	pCi/L	J	F01	No
HIS275675	HISS-06A	05/22/24	ML-005	Th-232	0.087	0.246	0.641	pCi/L	UJ	T06	No
HIS275675	HISS-06A	05/22/24	ML-006	Ra-226	0.223	0.315	0.625	pCi/L	UJ	T06	No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS275675	HISS-06A	05/22/24	ML-015	U-234	1.7	0.762	0.568	pCi/L	=		No
HIS275675	HISS-06A	05/22/24	ML-015	U-235	0.0238	0.208	0.687	pCi/L	UJ	T06	No
HIS275675	HISS-06A	05/22/24	ML-015	U-238	2.54	0.936	0.566	pCi/L	=		No
HIS277122	HISS-06A	08/08/24	SW846 6020	Antimony	0.3		0.29	µg/L	=		No
HIS277122	HISS-06A	08/08/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS277122	HISS-06A	08/08/24	SW846 6020	Barium	67		0.69	µg/L	=		No
HIS277122	HISS-06A	08/08/24	SW846 6020	Cadmium	0.45		0.06	µg/L	=		No
HIS277122	HISS-06A	08/08/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS277122	HISS-06A	08/08/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
HIS277122	HISS-06A	08/08/24	SW846 6020	Nickel	5.8		0.89	µg/L	=		No
HIS277122	HISS-06A	08/08/24	SW846 6020	Selenium	130		0.67	µg/L	=		No
HIS277122	HISS-06A	08/08/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS277122	HISS-06A	08/08/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS277122	HISS-06A	08/08/24	ML-005	Th-228	0.574	0.425	0.358	pCi/L	J	T04, T20	No
HIS277122	HISS-06A	08/08/24	ML-005	Th-230	1.19	0.625	0.466	pCi/L	J	F01, T04, T20	No
HIS277122	HISS-06A	08/08/24	ML-005	Th-232	0.074	0.209	0.465	pCi/L	UJ	T06	No
HIS277122	HISS-06A	08/08/24	ML-006	Ra-226	0.257	0.301	0.451	pCi/L	UJ	T06	No
HIS277122	HISS-06A	08/08/24	ML-015	U-234	1.32	0.621	0.379	pCi/L	=		No
HIS277122	HISS-06A	08/08/24	ML-015	U-235	0.125	0.243	0.467	pCi/L	UJ	T06	No
HIS277122	HISS-06A	08/08/24	ML-015	U-238	2.05	0.779	0.377	pCi/L	=		No
HIS278680	HISS-06A	10/15/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
HIS278680	HISS-06A	10/15/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS278680	HISS-06A	10/15/24	SW846 6020	Barium	88		0.69	µg/L	=		No
HIS278680	HISS-06A	10/15/24	SW846 6020	Cadmium	0.48		0.2	µg/L	=		No
HIS278680	HISS-06A	10/15/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS278680	HISS-06A	10/15/24	SW846 6020	Molybdenum	3.8		0.53	µg/L	=		No
HIS278680	HISS-06A	10/15/24	SW846 6020	Nickel	11		0.89	µg/L	=		No
HIS278680	HISS-06A	10/15/24	SW846 6020	Selenium	130		0.67	µg/L	=		No
HIS278680	HISS-06A	10/15/24	SW846 6020	Thallium	0.38		0.38	µg/L	UJ	D02	No
HIS278680	HISS-06A	10/15/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS278680	HISS-06A	10/15/24	ML-005	Th-228	0.471	0.374	0.338	pCi/L	J	T04, T20	No
HIS278680	HISS-06A	10/15/24	ML-005	Th-230	0.209	0.28	0.439	pCi/L	UJ	T06	No
HIS278680	HISS-06A	10/15/24	ML-005	Th-232	0.0697	0.197	0.438	pCi/L	UJ	T06	No
HIS278680	HISS-06A	10/15/24	ML-006	Ra-226	0.556	0.429	0.489	pCi/L	J	T04, T20	No
HIS278680	HISS-06A	10/15/24	ML-015	U-234	1.75	0.815	0.428	pCi/L	=		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS278680	HISS-06A	10/15/24	ML-015	U-235	-0.0273	0.225	0.528	pCi/L	UJ	T06	No
HIS278680	HISS-06A	10/15/24	ML-015	U-238	1.56	0.768	0.426	pCi/L	=		No
HIS273497	HISS-10	02/15/24	SW846 6020	Antimony	1.1		0.29	µg/L	=		No
HIS273497	HISS-10	02/15/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS273497	HISS-10	02/15/24	SW846 6020	Barium	76		0.69	µg/L	=		No
HIS273497	HISS-10	02/15/24	SW846 6020	Cadmium	0.19		0.06	µg/L	=		No
HIS273497	HISS-10	02/15/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS273497	HISS-10	02/15/24	SW846 6020	Molybdenum	46		2	µg/L	=		No
HIS273497	HISS-10	02/15/24	SW846 6020	Nickel	3.2		0.89	µg/L	=		No
HIS273497	HISS-10	02/15/24	SW846 6020	Selenium	59		0.67	µg/L	=		No
HIS273497	HISS-10	02/15/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS273497	HISS-10	02/15/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS273497	HISS-10	02/15/24	ML-005	Th-228	0.52	0.424	0.547	pCi/L	UJ	T04, T05	No
HIS273497	HISS-10	02/15/24	ML-005	Th-230	1.25	0.63	0.395	pCi/L	J	F01, T04, T20	No
HIS273497	HISS-10	02/15/24	ML-005	Th-232	0.0371	0.158	0.474	pCi/L	UJ	T06	No
HIS273497	HISS-10	02/15/24	ML-006	Ra-226	0.202	0.269	0.496	pCi/L	UJ	T06	No
HIS273497	HISS-10	02/15/24	ML-015	U-234	7.67	1.7	0.538	pCi/L	=		No
HIS273497	HISS-10	02/15/24	ML-015	U-235	0.45	0.444	0.663	pCi/L	UJ	T04, T05	No
HIS273497	HISS-10	02/15/24	ML-015	U-238	5.6	1.41	0.535	pCi/L	=		No
HIS275676	HISS-10	05/28/24	SW846 6020	Antimony	0.97		0.29	µg/L	=		No
HIS275676	HISS-10	05/28/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS275676	HISS-10	05/28/24	SW846 6020	Barium	65		0.69	µg/L	=		No
HIS275676	HISS-10	05/28/24	SW846 6020	Cadmium	0.11		0.06	µg/L	=		No
HIS275676	HISS-10	05/28/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS275676	HISS-10	05/28/24	SW846 6020	Molybdenum	51		2	µg/L	=		No
HIS275676	HISS-10	05/28/24	SW846 6020	Nickel	2.2		0.89	µg/L	=		No
HIS275676	HISS-10	05/28/24	SW846 6020	Selenium	26		0.67	µg/L	=		No
HIS275676	HISS-10	05/28/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS275676	HISS-10	05/28/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS275676	HISS-10	05/28/24	ML-005	Th-228	0.118	0.194	0.358	pCi/L	UJ	T06	No
HIS275676	HISS-10	05/28/24	ML-005	Th-230	0.591	0.412	0.359	pCi/L	J	T04, T20	No
HIS275676	HISS-10	05/28/24	ML-005	Th-232	0.118	0.194	0.358	pCi/L	UJ	T06	No
HIS275676	HISS-10	05/28/24	ML-006	Ra-226	0.32	0.558	1.24	pCi/L	UJ	T06	No
HIS275676	HISS-10	05/28/24	ML-015	U-234	5.02	1.37	0.577	pCi/L	=		No
HIS275676	HISS-10	05/28/24	ML-015	U-235	0.145	0.282	0.618	pCi/L	UJ	T06	No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS275676	HISS-10	05/28/24	ML-015	U-238	4.22	1.24	0.575	pCi/L	=		No
HIS277123	HISS-10	08/07/24	SW846 6020	Antimony	1.3		0.29	µg/L	=		No
HIS277123	HISS-10	08/07/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS277123	HISS-10	08/07/24	SW846 6020	Barium	61		0.69	µg/L	=		No
HIS277123	HISS-10	08/07/24	SW846 6020	Cadmium	0.17		0.06	µg/L	=		No
HIS277123	HISS-10	08/07/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS277123	HISS-10	08/07/24	SW846 6020	Molybdenum	60		2	µg/L	=		No
HIS277123	HISS-10	08/07/24	SW846 6020	Nickel	2.2		0.89	µg/L	=		No
HIS277123	HISS-10	08/07/24	SW846 6020	Selenium	16		0.67	µg/L	=		No
HIS277123	HISS-10	08/07/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS277123	HISS-10	08/07/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS277123	HISS-10	08/07/24	ML-005	Th-228	0.176	0.249	0.394	pCi/L	UJ	T06	No
HIS277123	HISS-10	08/07/24	ML-005	Th-230	0.845	0.516	0.443	pCi/L	J	F01, T04, T20	No
HIS277123	HISS-10	08/07/24	ML-005	Th-232	0.281	0.316	0.442	pCi/L	UJ	T06	No
HIS277123	HISS-10	08/07/24	ML-006	Ra-226	0.246	0.403	0.715	pCi/L	UJ	T06	No
HIS277123	HISS-10	08/07/24	ML-015	U-234	5.03	1.25	0.406	pCi/L	=		No
HIS277123	HISS-10	08/07/24	ML-015	U-235	0.119	0.232	0.446	pCi/L	UJ	T06	No
HIS277123	HISS-10	08/07/24	ML-015	U-238	3.08	0.949	0.404	pCi/L	=		No
HIS277123-1	HISS-10	08/07/24	SW846 6020	Antimony	1.1		0.29	µg/L	=		No
HIS277123-1	HISS-10	08/07/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS277123-1	HISS-10	08/07/24	SW846 6020	Barium	60		0.69	µg/L	=		No
HIS277123-1	HISS-10	08/07/24	SW846 6020	Cadmium	0.12		0.06	µg/L	=		No
HIS277123-1	HISS-10	08/07/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS277123-1	HISS-10	08/07/24	SW846 6020	Molybdenum	58		2	µg/L	=		No
HIS277123-1	HISS-10	08/07/24	SW846 6020	Nickel	2.2		0.89	µg/L	=		No
HIS277123-1	HISS-10	08/07/24	SW846 6020	Selenium	15		0.67	µg/L	=		No
HIS277123-1	HISS-10	08/07/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS277123-1	HISS-10	08/07/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS277123-1	HISS-10	08/07/24	ML-005	Th-228	0.253	0.295	0.406	pCi/L	UJ	T06	No
HIS277123-1	HISS-10	08/07/24	ML-005	Th-230	0.725	0.488	0.456	pCi/L	J	F01, T04, T20	No
HIS277123-1	HISS-10	08/07/24	ML-005	Th-232	0.0362	0.154	0.405	pCi/L	UJ	T06	No
HIS277123-1	HISS-10	08/07/24	ML-006	Ra-226	0	0.165	0.472	pCi/L	UJ	T06	No
HIS277123-1	HISS-10	08/07/24	ML-015	U-234	4.32	1.12	0.348	pCi/L	=		No
HIS277123-1	HISS-10	08/07/24	ML-015	U-235	0.134	0.22	0.371	pCi/L	UJ	T06	No
HIS277123-1	HISS-10	08/07/24	ML-015	U-238	3.03	0.923	0.389	pCi/L	=		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS277123-2	HISS-10	08/07/24	SW846 9320 MODL	Ra-228	0.153	0.238	0.404	pCi/L	UJ	T06	No
HIS277123-2	HISS-10	08/07/24	EML A-01-R MOD	Th-228	-0.0337	0.129	0.254	pCi/L	UJ	T06	No
HIS277123-2	HISS-10	08/07/24	EML A-01-R MOD	Th-230	0.14	0.185	0.239	pCi/L	UJ	T06	No
HIS277123-2	HISS-10	08/07/24	EML A-01-R MOD	Th-232	-0.00981	0.0213	0.096	pCi/L	UJ	T06	No
HIS277123-2	HISS-10	08/07/24	EML A-01-R MOD	U-234	4.58	0.677	0.0821	pCi/L	=		No
HIS277123-2	HISS-10	08/07/24	EML A-01-R MOD	U-235	0.19	0.128	0.0633	pCi/L	J	T04, T20	No
HIS277123-2	HISS-10	08/07/24	EML A-01-R MOD	U-238	3.01	0.518	0.0508	pCi/L	=		No
HIS277123-2	HISS-10	08/07/24	SW846 9315 MODL	Ra-226	0.116	0.0683	0.0878	pCi/L	J	T04, T20	No
HIS277123-2	HISS-10	08/07/24	SW846 6020	Antimony	1		0.4	µg/L	=		No
HIS277123-2	HISS-10	08/07/24	SW846 6020	Arsenic	0.5		0.5	µg/L	U		No
HIS277123-2	HISS-10	08/07/24	SW846 6020	Barium	58		0.38	µg/L	=		No
HIS277123-2	HISS-10	08/07/24	SW846 6020	Cadmium	0.19		0.19	µg/L	U		No
HIS277123-2	HISS-10	08/07/24	SW846 6020	Chromium	0.5		0.5	µg/L	U		No
HIS277123-2	HISS-10	08/07/24	SW846 6020	Molybdenum	57		0.37	µg/L	=		No
HIS277123-2	HISS-10	08/07/24	SW846 6020	Nickel	1.6		0.83	µg/L	=		No
HIS277123-2	HISS-10	08/07/24	SW846 6020	Selenium	14		1	µg/L	=		No
HIS277123-2	HISS-10	08/07/24	SW846 6020	Thallium	0.21		0.21	µg/L	U		No
HIS277123-2	HISS-10	08/07/24	SW846 6020	Vanadium	1.1		1.1	µg/L	U		No
HIS278681	HISS-10	10/21/24	SW846 6020	Antimony	1.2		1.1	µg/L	=		No
HIS278681	HISS-10	10/21/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS278681	HISS-10	10/21/24	SW846 6020	Barium	57		0.69	µg/L	=		No
HIS278681	HISS-10	10/21/24	SW846 6020	Cadmium	0.2		0.2	µg/L	UJ	E01, E08	No
HIS278681	HISS-10	10/21/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS278681	HISS-10	10/21/24	SW846 6020	Molybdenum	68		0.53	µg/L	=		No
HIS278681	HISS-10	10/21/24	SW846 6020	Nickel	2		0.89	µg/L	=		No
HIS278681	HISS-10	10/21/24	SW846 6020	Selenium	55		0.67	µg/L	=		No
HIS278681	HISS-10	10/21/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS278681	HISS-10	10/21/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS278681	HISS-10	10/21/24	ML-005	Th-228	0.621	0.447	0.409	pCi/L	J	T04, T20	No
HIS278681	HISS-10	10/21/24	ML-005	Th-230	2.96	0.994	0.41	pCi/L	J	F01	No
HIS278681	HISS-10	10/21/24	ML-005	Th-232	0.0731	0.207	0.46	pCi/L	UJ	T06	No
HIS278681	HISS-10	10/21/24	ML-006	Ra-226	0.104	0.209	0.407	pCi/L	UJ	T06	No
HIS278681	HISS-10	10/21/24	ML-015	U-234	6.1	1.67	0.59	pCi/L	=		No
HIS278681	HISS-10	10/21/24	ML-015	U-235	0.232	0.402	0.728	pCi/L	UJ	T06	No
HIS278681	HISS-10	10/21/24	ML-015	U-238	5.61	1.59	0.588	pCi/L	=		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS273498	HISS-11A	02/15/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS273498	HISS-11A	02/15/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS273498	HISS-11A	02/15/24	SW846 6020	Barium	90		0.69	µg/L	=		No
HIS273498	HISS-11A	02/15/24	SW846 6020	Cadmium	1.4		0.06	µg/L	=		No
HIS273498	HISS-11A	02/15/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS273498	HISS-11A	02/15/24	SW846 6020	Molybdenum	3.6		2	µg/L	=		No
HIS273498	HISS-11A	02/15/24	SW846 6020	Nickel	1.8		0.89	µg/L	=		No
HIS273498	HISS-11A	02/15/24	SW846 6020	Selenium	3.9		0.67	µg/L	=		No
HIS273498	HISS-11A	02/15/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS273498	HISS-11A	02/15/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS273498	HISS-11A	02/15/24	ML-005	Th-228	0.304	0.341	0.559	pCi/L	UJ	T06	No
HIS273498	HISS-11A	02/15/24	ML-005	Th-230	0.989	0.58	0.56	pCi/L	J	F01, T04, T20	No
HIS273498	HISS-11A	02/15/24	ML-005	Th-232	0.0759	0.215	0.559	pCi/L	UJ	T06	No
HIS273498	HISS-11A	02/15/24	ML-006	Ra-226	-0.122	0.193	0.766	pCi/L	UJ	T06	No
HIS273498	HISS-11A	02/15/24	ML-015	U-234	1.63	0.713	0.521	pCi/L	=		No
HIS273498	HISS-11A	02/15/24	ML-015	U-235	0.0873	0.247	0.642	pCi/L	UJ	T06	No
HIS273498	HISS-11A	02/15/24	ML-015	U-238	1.13	0.592	0.519	pCi/L	J	T04, T20	No
HIS275677	HISS-11A	05/23/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS275677	HISS-11A	05/23/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS275677	HISS-11A	05/23/24	SW846 6020	Barium	83		0.69	µg/L	=		No
HIS275677	HISS-11A	05/23/24	SW846 6020	Cadmium	0.19		0.06	µg/L	=		No
HIS275677	HISS-11A	05/23/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS275677	HISS-11A	05/23/24	SW846 6020	Molybdenum	4.6		2	µg/L	=		No
HIS275677	HISS-11A	05/23/24	SW846 6020	Nickel	1.7		0.89	µg/L	J	F01	No
HIS275677	HISS-11A	05/23/24	SW846 6020	Selenium	3.6		0.67	µg/L	=		No
HIS275677	HISS-11A	05/23/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS275677	HISS-11A	05/23/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS275677	HISS-11A	05/23/24	ML-005	Th-228	0.385	0.38	0.567	pCi/L	UJ	T04, T05	No
HIS275677	HISS-11A	05/23/24	ML-005	Th-230	1.29	0.653	0.409	pCi/L	J	F01, T04, T20	No
HIS275677	HISS-11A	05/23/24	ML-005	Th-232	0.0769	0.218	0.566	pCi/L	UJ	T06	No
HIS275677	HISS-11A	05/23/24	ML-006	Ra-226	0.0335	0.15	0.451	pCi/L	UJ	T06	No
HIS275677	HISS-11A	05/23/24	ML-015	U-234	2	0.785	0.448	pCi/L	=		No
HIS275677	HISS-11A	05/23/24	ML-015	U-235	0	0.245	0.637	pCi/L	UJ	T06	No
HIS275677	HISS-11A	05/23/24	ML-015	U-238	1.68	0.72	0.515	pCi/L	=		No
HIS277124	HISS-11A	08/12/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS277124	HISS-11A	08/12/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS277124	HISS-11A	08/12/24	SW846 6020	Barium	92		0.69	µg/L	=		No
HIS277124	HISS-11A	08/12/24	SW846 6020	Cadmium	0.076		0.06	µg/L	J	E01, E08	No
HIS277124	HISS-11A	08/12/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS277124	HISS-11A	08/12/24	SW846 6020	Molybdenum	4.1		2	µg/L	=		No
HIS277124	HISS-11A	08/12/24	SW846 6020	Nickel	1.4		0.89	µg/L	=		No
HIS277124	HISS-11A	08/12/24	SW846 6020	Selenium	3.6		0.67	µg/L	=		No
HIS277124	HISS-11A	08/12/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS277124	HISS-11A	08/12/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS277124	HISS-11A	08/12/24	ML-005	Th-228	0.618	0.458	0.386	pCi/L	J	T04, T20	No
HIS277124	HISS-11A	08/12/24	ML-005	Th-230	0.719	0.511	0.502	pCi/L	J	F01, T04, T20	No
HIS277124	HISS-11A	08/12/24	ML-005	Th-232	0.159	0.277	0.501	pCi/L	UJ	T06	No
HIS277124	HISS-11A	08/12/24	ML-006	Ra-226	0.242	0.285	0.404	pCi/L	UJ	T06	No
HIS277124	HISS-11A	08/12/24	ML-015	U-234	2.58	1.01	0.559	pCi/L	=		No
HIS277124	HISS-11A	08/12/24	ML-015	U-235	0.219	0.38	0.689	pCi/L	UJ	T06	No
HIS277124	HISS-11A	08/12/24	ML-015	U-238	1.57	0.772	0.428	pCi/L	=		No
HIS278682	HISS-11A	10/16/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
HIS278682	HISS-11A	10/16/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS278682	HISS-11A	10/16/24	SW846 6020	Barium	58		0.69	µg/L	=		No
HIS278682	HISS-11A	10/16/24	SW846 6020	Cadmium	0.29		0.2	µg/L	=		No
HIS278682	HISS-11A	10/16/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS278682	HISS-11A	10/16/24	SW846 6020	Molybdenum	2.7		0.53	µg/L	=		No
HIS278682	HISS-11A	10/16/24	SW846 6020	Nickel	0.97		0.89	µg/L	=		No
HIS278682	HISS-11A	10/16/24	SW846 6020	Selenium	2.5		0.67	µg/L	=		No
HIS278682	HISS-11A	10/16/24	SW846 6020	Thallium	0.38		0.38	µg/L	UJ	D02	No
HIS278682	HISS-11A	10/16/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS278682	HISS-11A	10/16/24	ML-005	Th-228	0.328	0.369	0.516	pCi/L	UJ	T06	No
HIS278682	HISS-11A	10/16/24	ML-005	Th-230	0.821	0.553	0.516	pCi/L	J	T04, T20	No
HIS278682	HISS-11A	10/16/24	ML-005	Th-232	-0.0205	0.169	0.397	pCi/L	UJ	T06	No
HIS278682	HISS-11A	10/16/24	ML-006	Ra-226	-0.0697	0.171	0.49	pCi/L	UJ	T06	No
HIS278682	HISS-11A	10/16/24	ML-015	U-234	0.889	0.568	0.508	pCi/L	J	T04, T20	No
HIS278682	HISS-11A	10/16/24	ML-015	U-235	0.274	0.35	0.482	pCi/L	UJ	T06	No
HIS278682	HISS-11A	10/16/24	ML-015	U-238	0.865	0.543	0.389	pCi/L	J	T04, T20	No
HIS273499	HISS-17S	02/13/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS273499	HISS-17S	02/13/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS273499	HISS-17S	02/13/24	SW846 6020	Barium	63		0.69	µg/L	=		No
HIS273499	HISS-17S	02/13/24	SW846 6020	Cadmium	0.15		0.06	µg/L	=		No
HIS273499	HISS-17S	02/13/24	SW846 6020	Chromium	2		1.3	µg/L	J	F01	No
HIS273499	HISS-17S	02/13/24	SW846 6020	Molybdenum	4.9		2	µg/L	=		No
HIS273499	HISS-17S	02/13/24	SW846 6020	Nickel	1		0.89	µg/L	=		No
HIS273499	HISS-17S	02/13/24	SW846 6020	Selenium	5.8		0.67	µg/L	=		No
HIS273499	HISS-17S	02/13/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS273499	HISS-17S	02/13/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS273499	HISS-17S	02/13/24	ML-005	Th-228	0.149	0.258	0.547	pCi/L	UJ	T06	No
HIS273499	HISS-17S	02/13/24	ML-005	Th-230	0.744	0.5	0.548	pCi/L	J	F01, T04, T20	No
HIS273499	HISS-17S	02/13/24	ML-005	Th-232	-0.0371	0.158	0.474	pCi/L	UJ	T06	No
HIS273499	HISS-17S	02/13/24	ML-006	Ra-226	0.253	0.347	0.7	pCi/L	UJ	T06	No
HIS273499	HISS-17S	02/13/24	ML-015	U-234	0.785	0.492	0.388	pCi/L	J	T04, T20	No
HIS273499	HISS-17S	02/13/24	ML-015	U-235	0.0676	0.186	0.478	pCi/L	UJ	T06	No
HIS273499	HISS-17S	02/13/24	ML-015	U-238	0.418	0.361	0.386	pCi/L	J	T04, T20	No
HIS275678	HISS-17S	06/05/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS275678	HISS-17S	06/05/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS275678	HISS-17S	06/05/24	SW846 6020	Barium	64		0.69	µg/L	=		No
HIS275678	HISS-17S	06/05/24	SW846 6020	Cadmium	0.08		0.06	µg/L	=		No
HIS275678	HISS-17S	06/05/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS275678	HISS-17S	06/05/24	SW846 6020	Molybdenum	4.8		2	µg/L	=		No
HIS275678	HISS-17S	06/05/24	SW846 6020	Nickel	0.98		0.89	µg/L	=		No
HIS275678	HISS-17S	06/05/24	SW846 6020	Selenium	8.1		0.67	µg/L	=		No
HIS275678	HISS-17S	06/05/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS275678	HISS-17S	06/05/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS275678	HISS-17S	06/05/24	ML-005	Th-228	0.316	0.33	0.577	pCi/L	UJ	T06	No
HIS275678	HISS-17S	06/05/24	ML-005	Th-230	0.542	0.385	0.443	pCi/L	J	F01, T04, T20	No
HIS275678	HISS-17S	06/05/24	ML-005	Th-232	0	0.17	0.442	pCi/L	UJ	T06	No
HIS275678	HISS-17S	06/05/24	ML-006	Ra-226	0.266	0.376	0.745	pCi/L	UJ	T06	No
HIS275678	HISS-17S	06/05/24	ML-015	U-234	0.455	0.393	0.42	pCi/L	J	T04, T20	No
HIS275678	HISS-17S	06/05/24	ML-015	U-235	-0.0244	0.201	0.518	pCi/L	UJ	T06	No
HIS275678	HISS-17S	06/05/24	ML-015	U-238	0.847	0.532	0.418	pCi/L	J	T04, T20	No
HIS277125	HISS-17S	08/06/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS277125	HISS-17S	08/06/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS277125	HISS-17S	08/06/24	SW846 6020	Barium	73		0.69	µg/L	=		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS277125	HISS-17S	08/06/24	SW846 6020	Cadmium	0.074		0.06	µg/L	=		No
HIS277125	HISS-17S	08/06/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS277125	HISS-17S	08/06/24	SW846 6020	Molybdenum	4.7		2	µg/L	=		No
HIS277125	HISS-17S	08/06/24	SW846 6020	Nickel	1.7		0.89	µg/L	=		No
HIS277125	HISS-17S	08/06/24	SW846 6020	Selenium	8.3		0.67	µg/L	=		No
HIS277125	HISS-17S	08/06/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS277125	HISS-17S	08/06/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS277125	HISS-17S	08/06/24	ML-005	Th-228	0.42	0.373	0.44	pCi/L	UJ	T04, T05	No
HIS277125	HISS-17S	08/06/24	ML-005	Th-230	1.38	0.646	0.339	pCi/L	J	F01	No
HIS277125	HISS-17S	08/06/24	ML-005	Th-232	0	0.198	0.44	pCi/L	UJ	T06	No
HIS277125	HISS-17S	08/06/24	ML-006	Ra-226	0.262	0.303	0.462	pCi/L	UJ	T06	No
HIS277125	HISS-17S	08/06/24	ML-015	U-234	0.748	0.455	0.392	pCi/L	J	T04, T20	No
HIS277125	HISS-17S	08/06/24	ML-015	U-235	0.0769	0.218	0.484	pCi/L	UJ	T06	No
HIS277125	HISS-17S	08/06/24	ML-015	U-238	0.233	0.251	0.3	pCi/L	UJ	T06	No
HIS278683	HISS-17S	10/15/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
HIS278683	HISS-17S	10/15/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS278683	HISS-17S	10/15/24	SW846 6020	Barium	72		0.69	µg/L	=		No
HIS278683	HISS-17S	10/15/24	SW846 6020	Cadmium	0.2		0.2	µg/L	U		No
HIS278683	HISS-17S	10/15/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS278683	HISS-17S	10/15/24	SW846 6020	Molybdenum	5		0.53	µg/L	=		No
HIS278683	HISS-17S	10/15/24	SW846 6020	Nickel	1.5		0.89	µg/L	=		No
HIS278683	HISS-17S	10/15/24	SW846 6020	Selenium	7		0.67	µg/L	=		No
HIS278683	HISS-17S	10/15/24	SW846 6020	Thallium	0.38		0.38	µg/L	UJ	D02	No
HIS278683	HISS-17S	10/15/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS278683	HISS-17S	10/15/24	ML-005	Th-228	0.6	0.478	0.43	pCi/L	J	T04, T20	No
HIS278683	HISS-17S	10/15/24	ML-005	Th-230	1.07	0.654	0.56	pCi/L	J	T04, T20	No
HIS278683	HISS-17S	10/15/24	ML-005	Th-232	0.0666	0.183	0.43	pCi/L	UJ	T06	No
HIS278683	HISS-17S	10/15/24	ML-006	Ra-226	0.034	0.226	0.54	pCi/L	UJ	T06	No
HIS278683	HISS-17S	10/15/24	ML-015	U-234	0.718	0.487	0.423	pCi/L	J	T04, T20	No
HIS278683	HISS-17S	10/15/24	ML-015	U-235	0	0.264	0.586	pCi/L	UJ	T06	No
HIS278683	HISS-17S	10/15/24	ML-015	U-238	0.301	0.338	0.473	pCi/L	UJ	T06	No
HIS273500	HISS-19S	02/19/24	SW846 6020	Antimony	0.32		0.29	µg/L	=		No
HIS273500	HISS-19S	02/19/24	SW846 6020	Arsenic	46		1.6	µg/L	=		No
HIS273500	HISS-19S	02/19/24	SW846 6020	Barium	280		0.69	µg/L	=		No
HIS273500	HISS-19S	02/19/24	SW846 6020	Cadmium	0.76		0.06	µg/L	=		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS273500	HISS-19S	02/19/24	SW846 6020	Chromium	1.5		1.3	µg/L	=		No
HIS273500	HISS-19S	02/19/24	SW846 6020	Molybdenum	4.6		2	µg/L	=		No
HIS273500	HISS-19S	02/19/24	SW846 6020	Nickel	2.7		0.89	µg/L	=		No
HIS273500	HISS-19S	02/19/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
HIS273500	HISS-19S	02/19/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS273500	HISS-19S	02/19/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS273500	HISS-19S	02/19/24	ML-005	Th-228	0.278	0.356	0.537	pCi/L	UJ	T06	No
HIS273500	HISS-19S	02/19/24	ML-005	Th-230	0.405	0.456	0.745	pCi/L	UJ	T06	No
HIS273500	HISS-19S	02/19/24	ML-005	Th-232	-0.0253	0.208	0.537	pCi/L	UJ	T06	No
HIS273500	HISS-19S	02/19/24	ML-006	Ra-226	-0.036	0.161	0.486	pCi/L	UJ	T06	No
HIS273500	HISS-19S	02/19/24	ML-015	U-234	0.267	0.288	0.378	pCi/L	UJ	T06	No
HIS273500	HISS-19S	02/19/24	ML-015	U-235	0.0878	0.249	0.646	pCi/L	UJ	T06	No
HIS273500	HISS-19S	02/19/24	ML-015	U-238	0.142	0.246	0.522	pCi/L	UJ	T06	No
HIS275679	HISS-19S	05/22/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS275679	HISS-19S	05/22/24	SW846 6020	Arsenic	40		1.6	µg/L	=		No
HIS275679	HISS-19S	05/22/24	SW846 6020	Barium	190		0.69	µg/L	=		No
HIS275679	HISS-19S	05/22/24	SW846 6020	Cadmium	0.33		0.06	µg/L	=		No
HIS275679	HISS-19S	05/22/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS275679	HISS-19S	05/22/24	SW846 6020	Molybdenum	2.2		2	µg/L	=		No
HIS275679	HISS-19S	05/22/24	SW846 6020	Nickel	1.3		0.89	µg/L	J	F01	No
HIS275679	HISS-19S	05/22/24	SW846 6020	Selenium	2.5		0.67	µg/L	=		No
HIS275679	HISS-19S	05/22/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS275679	HISS-19S	05/22/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS275679	HISS-19S	05/22/24	ML-005	Th-228	0.586	0.408	0.356	pCi/L	J	T04, T20	No
HIS275679	HISS-19S	05/22/24	ML-005	Th-230	0.47	0.383	0.494	pCi/L	UJ	T04, T05	No
HIS275679	HISS-19S	05/22/24	ML-005	Th-232	0.067	0.19	0.493	pCi/L	UJ	T06	No
HIS275679	HISS-19S	05/22/24	ML-006	Ra-226	-0.231	0.238	0.977	pCi/L	UJ	T06	No
HIS275679	HISS-19S	05/22/24	ML-015	U-234	0.347	0.314	0.403	pCi/L	UJ	T04, T05	No
HIS275679	HISS-19S	05/22/24	ML-015	U-235	0	0.22	0.573	pCi/L	UJ	T06	No
HIS275679	HISS-19S	05/22/24	ML-015	U-238	0.44	0.358	0.462	pCi/L	UJ	T04, T05	No
HIS277126	HISS-19S	08/05/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS277126	HISS-19S	08/05/24	SW846 6020	Arsenic	180		1.6	µg/L	=		No
HIS277126	HISS-19S	08/05/24	SW846 6020	Barium	490		0.69	µg/L	=		No
HIS277126	HISS-19S	08/05/24	SW846 6020	Cadmium	0.28		0.06	µg/L	=		No
HIS277126	HISS-19S	08/05/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS277126	HISS-19S	08/05/24	SW846 6020	Molybdenum	6.3		2	µg/L	=		No
HIS277126	HISS-19S	08/05/24	SW846 6020	Nickel	2.9		0.89	µg/L	=		No
HIS277126	HISS-19S	08/05/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
HIS277126	HISS-19S	08/05/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS277126	HISS-19S	08/05/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS277126	HISS-19S	08/05/24	ML-005	Th-228	0.255	0.276	0.329	pCi/L	UJ	T06	No
HIS277126	HISS-19S	08/05/24	ML-005	Th-230	0.733	0.46	0.33	pCi/L	J	F01, T04, T20	No
HIS277126	HISS-19S	08/05/24	ML-005	Th-232	0	0.192	0.428	pCi/L	UJ	T06	No
HIS277126	HISS-19S	08/05/24	ML-006	Ra-226	0.434	0.396	0.53	pCi/L	UJ	T04, T05	No
HIS277126	HISS-19S	08/05/24	ML-015	U-234	0.0882	0.172	0.329	pCi/L	UJ	T06	No
HIS277126	HISS-19S	08/05/24	ML-015	U-235	0.0726	0.205	0.456	pCi/L	UJ	T06	No
HIS277126	HISS-19S	08/05/24	ML-015	U-238	-0.0146	0.121	0.283	pCi/L	UJ	T06	No
HIS278684	HISS-19S	10/16/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
HIS278684	HISS-19S	10/16/24	SW846 6020	Arsenic	160		1.6	µg/L	=		No
HIS278684	HISS-19S	10/16/24	SW846 6020	Barium	440		0.69	µg/L	=		No
HIS278684	HISS-19S	10/16/24	SW846 6020	Cadmium	0.2		0.2	µg/L	U		No
HIS278684	HISS-19S	10/16/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS278684	HISS-19S	10/16/24	SW846 6020	Molybdenum	6.3		0.53	µg/L	=		No
HIS278684	HISS-19S	10/16/24	SW846 6020	Nickel	2.3		0.89	µg/L	=		No
HIS278684	HISS-19S	10/16/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
HIS278684	HISS-19S	10/16/24	SW846 6020	Thallium	0.38		0.38	µg/L	UJ	D02	No
HIS278684	HISS-19S	10/16/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS278684	HISS-19S	10/16/24	ML-005	Th-228	0.365	0.349	0.372	pCi/L	UJ	T04, T05	No
HIS278684	HISS-19S	10/16/24	ML-005	Th-230	1.16	0.63	0.484	pCi/L	J	T04, T20	No
HIS278684	HISS-19S	10/16/24	ML-005	Th-232	0.0769	0.218	0.484	pCi/L	UJ	T06	No
HIS278684	HISS-19S	10/16/24	ML-006	Ra-226	0.283	0.332	0.497	pCi/L	UJ	T06	No
HIS278684	HISS-19S	10/16/24	ML-015	U-234	0.0523	0.144	0.338	pCi/L	UJ	T06	No
HIS278684	HISS-19S	10/16/24	ML-015	U-235	0	0.244	0.542	pCi/L	UJ	T06	No
HIS278684	HISS-19S	10/16/24	ML-015	U-238	0	0.197	0.437	pCi/L	UJ	T06	No
HIS273501	HW22	02/28/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS273501	HW22	02/28/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS273501	HW22	02/28/24	SW846 6020	Barium	160		0.69	µg/L	=		No
HIS273501	HW22	02/28/24	SW846 6020	Cadmium	0.074		0.06	µg/L	J	F01	No
HIS273501	HW22	02/28/24	SW846 6020	Chromium	1.6		1.3	µg/L	=		No
HIS273501	HW22	02/28/24	SW846 6020	Molybdenum	2		2	µg/L	U		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS273501	HW22	02/28/24	SW846 6020	Nickel	1.5		0.89	µg/L	=		No
HIS273501	HW22	02/28/24	SW846 6020	Selenium	34		0.67	µg/L	=		No
HIS273501	HW22	02/28/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS273501	HW22	02/28/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS273501	HW22	02/28/24	ML-005	Th-228	0.0971	0.279	0.707	pCi/L	UJ	T06	No
HIS273501	HW22	02/28/24	ML-005	Th-230	0.826	0.477	0.344	pCi/L	J	F01, T04, T20	No
HIS273501	HW22	02/28/24	ML-005	Th-232	-0.0323	0.137	0.413	pCi/L	UJ	T06	No
HIS273501	HW22	02/28/24	ML-006	Ra-226	-0.2	0.283	1.03	pCi/L	UJ	T06	No
HIS273501	HW22	02/28/24	ML-015	U-234	4.14	1.4	0.744	pCi/L	=		No
HIS273501	HW22	02/28/24	ML-015	U-235	0.0935	0.257	0.662	pCi/L	UJ	T06	No
HIS273501	HW22	02/28/24	ML-015	U-238	3.92	1.35	0.74	pCi/L	=		No
HIS275680	HW22	05/29/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS275680	HW22	05/29/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS275680	HW22	05/29/24	SW846 6020	Barium	120		0.69	µg/L	=		No
HIS275680	HW22	05/29/24	SW846 6020	Cadmium	0.57		0.06	µg/L	=		No
HIS275680	HW22	05/29/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS275680	HW22	05/29/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
HIS275680	HW22	05/29/24	SW846 6020	Nickel	2.8		0.89	µg/L	=		No
HIS275680	HW22	05/29/24	SW846 6020	Selenium	14		0.67	µg/L	=		No
HIS275680	HW22	05/29/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS275680	HW22	05/29/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS275680	HW22	05/29/24	ML-005	Th-228	0.468	0.416	0.574	pCi/L	UJ	T04, T05	No
HIS275680	HW22	05/29/24	ML-005	Th-230	0.781	0.526	0.575	pCi/L	J	T04, T20	No
HIS275680	HW22	05/29/24	ML-005	Th-232	-0.0195	0.161	0.414	pCi/L	UJ	T06	No
HIS275680	HW22	05/29/24	ML-006	Ra-226	-0.063	0.282	0.849	pCi/L	UJ	T06	No
HIS275680	HW22	05/29/24	ML-015	U-234	10.8	2.21	0.433	pCi/L	=		No
HIS275680	HW22	05/29/24	ML-015	U-235	0.101	0.285	0.74	pCi/L	UJ	T06	No
HIS275680	HW22	05/29/24	ML-015	U-238	5.42	1.45	0.431	pCi/L	=		No
HIS277127	HW22	08/12/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS277127	HW22	08/12/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
HIS277127	HW22	08/12/24	SW846 6020	Barium	150		0.69	µg/L	=		No
HIS277127	HW22	08/12/24	SW846 6020	Cadmium	0.064		0.06	µg/L	J	E01, E08	No
HIS277127	HW22	08/12/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS277127	HW22	08/12/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
HIS277127	HW22	08/12/24	SW846 6020	Nickel	1.5		0.89	µg/L	=		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	Station Name	Collection Date	Method	Analyte	Result	Measurement Error	DL	Units	VQ	Validation Reason Code	Filtered
HIS277127	HW22	08/12/24	SW846 6020	Selenium	35		0.67	µg/L	=		No
HIS277127	HW22	08/12/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS277127	HW22	08/12/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS277127	HW22	08/12/24	ML-005	Th-228	0.606	0.45	0.379	pCi/L	J	T04, T20	No
HIS277127	HW22	08/12/24	ML-005	Th-230	0.548	0.447	0.493	pCi/L	J	F01, T04, T20	No
HIS277127	HW22	08/12/24	ML-005	Th-232	0.137	0.225	0.378	pCi/L	UJ	T06	No
HIS277127	HW22	08/12/24	ML-006	Ra-226	0	0.243	0.61	pCi/L	UJ	T06	No
HIS277127	HW22	08/12/24	ML-015	U-234	4.07	1.22	0.492	pCi/L	=		No
HIS277127	HW22	08/12/24	ML-015	U-235	0.0966	0.273	0.607	pCi/L	UJ	T06	No
HIS277127	HW22	08/12/24	ML-015	U-238	2.55	0.936	0.377	pCi/L	=		No
HIS273502	HW23	02/28/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS273502	HW23	02/28/24	SW846 6020	Arsenic	270		1.6	µg/L	=		No
HIS273502	HW23	02/28/24	SW846 6020	Barium	390		0.69	µg/L	=		No
HIS273502	HW23	02/28/24	SW846 6020	Cadmium	0.23		0.06	µg/L	J	F01	No
HIS273502	HW23	02/28/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS273502	HW23	02/28/24	SW846 6020	Molybdenum	8.3		2	µg/L	=		No
HIS273502	HW23	02/28/24	SW846 6020	Nickel	5.2		0.89	µg/L	=		No
HIS273502	HW23	02/28/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
HIS273502	HW23	02/28/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS273502	HW23	02/28/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS273502	HW23	02/28/24	ML-005	Th-228	0.512	0.428	0.703	pCi/L	UJ	T04, T05	No
HIS273502	HW23	02/28/24	ML-005	Th-230	0.295	0.343	0.653	pCi/L	UJ	T06	No
HIS273502	HW23	02/28/24	ML-005	Th-232	0.062	0.186	0.491	pCi/L	UJ	T06	No
HIS273502	HW23	02/28/24	ML-006	Ra-226	0.959	0.518	0.446	pCi/L	J	T04, T20	No
HIS273502	HW23	02/28/24	ML-015	U-234	1.23	0.626	0.532	pCi/L	J	T04, T20	No
HIS273502	HW23	02/28/24	ML-015	U-235	0	0.252	0.656	pCi/L	UJ	T06	No
HIS273502	HW23	02/28/24	ML-015	U-238	1.06	0.569	0.382	pCi/L	J	T04, T20	No
HIS275681	HW23	05/30/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS275681	HW23	05/30/24	SW846 6020	Arsenic	250		1.6	µg/L	=		No
HIS275681	HW23	05/30/24	SW846 6020	Barium	380		0.69	µg/L	=		No
HIS275681	HW23	05/30/24	SW846 6020	Cadmium	0.1		0.06	µg/L	=		No
HIS275681	HW23	05/30/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS275681	HW23	05/30/24	SW846 6020	Molybdenum	8		2	µg/L	=		No
HIS275681	HW23	05/30/24	SW846 6020	Nickel	5		0.89	µg/L	=		No
HIS275681	HW23	05/30/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
HIS275681	HW23	05/30/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS275681	HW23	05/30/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS275681	HW23	05/30/24	ML-005	Th-228	0.429	0.341	0.337	pCi/L	J	T04, T20	No
HIS275681	HW23	05/30/24	ML-005	Th-230	0.954	0.518	0.468	pCi/L	J	T04, T20	No
HIS275681	HW23	05/30/24	ML-005	Th-232	0	0.18	0.467	pCi/L	UJ	T06	No
HIS275681	HW23	05/30/24	ML-006	Ra-226	1.14	0.821	1.06	pCi/L	J	T04, T20	No
HIS275681	HW23	05/30/24	ML-015	U-234	0.121	0.199	0.367	pCi/L	UJ	T06	No
HIS275681	HW23	05/30/24	ML-015	U-235	0.0852	0.241	0.627	pCi/L	UJ	T06	No
HIS275681	HW23	05/30/24	ML-015	U-238	0.0688	0.195	0.506	pCi/L	UJ	T06	No
HIS277128	HW23	08/19/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
HIS277128	HW23	08/19/24	SW846 6020	Arsenic	260		1.6	µg/L	=		No
HIS277128	HW23	08/19/24	SW846 6020	Barium	400		0.69	µg/L	=		No
HIS277128	HW23	08/19/24	SW846 6020	Cadmium	0.06		0.06	µg/L	U	E01, E08	No
HIS277128	HW23	08/19/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
HIS277128	HW23	08/19/24	SW846 6020	Molybdenum	8		2	µg/L	=		No
HIS277128	HW23	08/19/24	SW846 6020	Nickel	5.2		0.89	µg/L	=		No
HIS277128	HW23	08/19/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
HIS277128	HW23	08/19/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
HIS277128	HW23	08/19/24	SW846 6020	Vanadium	4		4	µg/L	U		No
HIS277128	HW23	08/19/24	ML-005	Th-228	0.156	0.267	0.482	pCi/L	UJ	T06	No
HIS277128	HW23	08/19/24	ML-005	Th-230	0.538	0.365	0.317	pCi/L	J	F01, T04, T20	No
HIS277128	HW23	08/19/24	ML-005	Th-232	0.113	0.196	0.356	pCi/L	UJ	T06	No
HIS277128	HW23	08/19/24	ML-006	Ra-226	1.17	0.647	0.524	pCi/L	J	T04, T20	No
HIS277128	HW23	08/19/24	ML-015	U-234	0.077	0.218	0.484	pCi/L	UJ	T06	No

Table F-3. CY 2024 Groundwater Sampling Data for the Latty Avenue Properties (Continued)

Site: Latty Avenue Properties											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
HIS277128	HW23	08/19/24	ML-015	U-235	0.095	0.269	0.598	pCi/L	UJ	T06	No
HIS277128	HW23	08/19/24	ML-015	U-238	-0.0192	0.158	0.371	pCi/L	UJ	T06	No

VQs:

= - Indicates that the data met all QA/QC requirements, and that the parameter has been positively identified and the associated concentration value is accurate.

J - Indicates that the parameter was positively identified; the associated numerical value is the approximate concentration of the parameter in the sample.

U - Indicates that the data met all QA/QC requirements, and that the parameter was analyzed for but was not detected above the reported sample quantitation limit.

UJ - Indicates that the parameter was not detected above the reported sample quantitation limit and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. However, the reported quantitation limit is approximate.

Validation Reason Codes:

D02 - ICV recovery was above the upper control limit.

E01 - ICP and Furnace Requirements: Interference check sample recovery was outside the control limit.

E08 - ICP and Furnace Requirements: Professional judgement was used to qualify the data.

F01 - Blanks: Sample data were qualified as a result of the method blank.

T04 - Radionuclide Quantitation: Professional judgment was used to qualify the data.

T05 - Radionuclide Quantitation: Analytical result is less than the associated MDA, but greater than the counting uncertainty.

T06 - Radionuclide Quantitation: Analytical result is less than both the associated counting uncertainty and MDA.

T20 - Radionuclide Quantitation: Analytical result is greater than the associated MDA, with uncertainly 50 to 100 percent of the result.

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP273503	B53W01D	02/22/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273503	B53W01D	02/22/24	SW846 6020	Arsenic	89		1.6	µg/L	=		No
SVP273503	B53W01D	02/22/24	SW846 6020	Barium	380		0.69	µg/L	=		No
SVP273503	B53W01D	02/22/24	SW846 6020	Cadmium	1.1		0.06	µg/L	=		No
SVP273503	B53W01D	02/22/24	SW846 6020	Chromium	1.3		1.3	µg/L	=		No
SVP273503	B53W01D	02/22/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP273503	B53W01D	02/22/24	SW846 6020	Nickel	1.2		0.89	µg/L	=		No
SVP273503	B53W01D	02/22/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP273503	B53W01D	02/22/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP273503	B53W01D	02/22/24	ML-005	Th-228	0.316	0.312	0.466	pCi/L	UJ	T04, T05	No
SVP273503	B53W01D	02/22/24	ML-005	Th-230	0.554	0.386	0.336	pCi/L	J	F01, T04, T20	No
SVP273503	B53W01D	02/22/24	ML-005	Th-232	0.0474	0.13	0.336	pCi/L	UJ	T06	No
SVP273503	B53W01D	02/22/24	ML-006	Ra-226	0.958	0.513	0.47	pCi/L	J	T04, T20	No
SVP273503	B53W01D	02/22/24	ML-015	U-234	0.151	0.239	0.483	pCi/L	UJ	T06	No
SVP273503	B53W01D	02/22/24	ML-015	U-235	0	0.233	0.607	pCi/L	UJ	T06	No
SVP273503	B53W01D	02/22/24	ML-015	U-238	0	0.188	0.49	pCi/L	UJ	T06	No
SVP273503	B53W01D	02/22/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP275661	B53W01D	05/20/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275661	B53W01D	05/20/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275661	B53W01D	05/20/24	SW846 6020	Arsenic	88		1.6	µg/L	=		No
SVP275661	B53W01D	05/20/24	SW846 6020	Barium	370		0.69	µg/L	=		No
SVP275661	B53W01D	05/20/24	SW846 6020	Cadmium	0.24		0.06	µg/L	=		No
SVP275661	B53W01D	05/20/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP275661	B53W01D	05/20/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP275661	B53W01D	05/20/24	SW846 6020	Nickel	0.89		0.89	µg/L	J	F01	No
SVP275661	B53W01D	05/20/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP275661	B53W01D	05/20/24	ML-005	Th-228	0	0.193	0.502	pCi/L	UJ	T06	No
SVP275661	B53W01D	05/20/24	ML-005	Th-230	1.09	0.576	0.503	pCi/L	J	F01, T04, T20	No
SVP275661	B53W01D	05/20/24	ML-005	Th-232	0	0.193	0.502	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP275661	B53W01D	05/20/24	ML-006	Ra-226	0.733	0.498	0.616	pCi/L	J	T04, T20	No
SVP275661	B53W01D	05/20/24	ML-015	U-234	0.587	0.408	0.356	pCi/L	J	T04, T20	No
SVP275661	B53W01D	05/20/24	ML-015	U-235	0.145	0.238	0.439	pCi/L	UJ	T06	No
SVP275661	B53W01D	05/20/24	ML-015	U-238	0.401	0.356	0.492	pCi/L	UJ	T04, T05	No
SVP275661	B53W01D	05/20/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP277129	B53W01D	08/22/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277129	B53W01D	08/22/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277129	B53W01D	08/22/24	SW846 6020	Arsenic	90		1.6	µg/L	=		No
SVP277129	B53W01D	08/22/24	SW846 6020	Barium	430		0.69	µg/L	=		No
SVP277129	B53W01D	08/22/24	SW846 6020	Cadmium	0.06		0.06	µg/L	U	E01, E08	No
SVP277129	B53W01D	08/22/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277129	B53W01D	08/22/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277129	B53W01D	08/22/24	SW846 6020	Nickel	0.89		0.89	µg/L	U		No
SVP277129	B53W01D	08/22/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP277129	B53W01D	08/22/24	ML-005	Th-228	0.048	0.132	0.31	pCi/L	UJ	T06	No
SVP277129	B53W01D	08/22/24	ML-005	Th-230	1.28	0.603	0.403	pCi/L	J	F01	No
SVP277129	B53W01D	08/22/24	ML-005	Th-232	0	0.181	0.402	pCi/L	UJ	T06	No
SVP277129	B53W01D	08/22/24	ML-006	Ra-226	0.829	0.534	0.53	pCi/L	J	T04, T20	No
SVP277129	B53W01D	08/22/24	ML-015	U-234	0.156	0.27	0.49	pCi/L	UJ	T06	No
SVP277129	B53W01D	08/22/24	ML-015	U-235	-0.024	0.198	0.465	pCi/L	UJ	T06	No
SVP277129	B53W01D	08/22/24	ML-015	U-238	0	0.219	0.488	pCi/L	UJ	T06	No
SVP277129	B53W01D	08/22/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278693	B53W01D	11/18/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278693	B53W01D	11/18/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278693	B53W01D	11/18/24	SW846 6020	Arsenic	87		1.6	µg/L	=		No
SVP278693	B53W01D	11/18/24	SW846 6020	Barium	350		0.69	µg/L	=		No
SVP278693	B53W01D	11/18/24	SW846 6020	Cadmium	0.36		0.2	µg/L	=		No
SVP278693	B53W01D	11/18/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP278693	B53W01D	11/18/24	SW846 6020	Molybdenum	0.6		0.53	µg/L	=		No
SVP278693	B53W01D	11/18/24	SW846 6020	Nickel	1.4		0.89	µg/L	=		No
SVP278693	B53W01D	11/18/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP278693	B53W01D	11/18/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278693	B53W01D	11/18/24	ML-005	Th-228	0.386	0.343	0.405	pCi/L	UJ	T04, T05	No
SVP278693	B53W01D	11/18/24	ML-005	Th-230	0.564	0.392	0.312	pCi/L	J	F01, T04, T20	No
SVP278693	B53W01D	11/18/24	ML-005	Th-232	0.0321	0.136	0.36	pCi/L	UJ	T06	No
SVP278693	B53W01D	11/18/24	ML-006	Ra-226	0.843	0.477	0.461	pCi/L	J	T04, T20	No
SVP278693	B53W01D	11/18/24	ML-015	U-234	0	0.163	0.363	pCi/L	UJ	T06	No
SVP278693	B53W01D	11/18/24	ML-015	U-235	-0.0178	0.147	0.344	pCi/L	UJ	T06	No
SVP278693	B53W01D	11/18/24	ML-015	U-238	0	0	0.172	pCi/L	U		No
SVP273504	B53W01S	02/20/24	ML-005	Th-228	0	0	0.73	pCi/L	U		No
SVP273504	B53W01S	02/20/24	ML-005	Th-230	0.394	0.388	0.58	pCi/L	UJ	T04, T05	No
SVP273504	B53W01S	02/20/24	ML-005	Th-232	0.0786	0.222	0.578	pCi/L	UJ	T06	No
SVP273504	B53W01S	02/20/24	ML-015	U-234	1.12	0.586	0.513	pCi/L	J	T04, T20	No
SVP273504	B53W01S	02/20/24	ML-015	U-235	0.086	0.243	0.633	pCi/L	UJ	T06	No
SVP273504	B53W01S	02/20/24	ML-015	U-238	1.02	0.549	0.369	pCi/L	J	T04, T20	No
SVP273504	B53W01S	02/20/24	ML-006	Ra-226	-0.0644	0.158	0.542	pCi/L	UJ	T06	No
SVP273504	B53W01S	02/20/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273504	B53W01S	02/20/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP273504	B53W01S	02/20/24	SW846 6020	Barium	140		0.69	µg/L	=		No
SVP273504	B53W01S	02/20/24	SW846 6020	Cadmium	0.24		0.06	µg/L	=		No
SVP273504	B53W01S	02/20/24	SW846 6020	Chromium	3.2		1.3	µg/L	=		No
SVP273504	B53W01S	02/20/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP273504	B53W01S	02/20/24	SW846 6020	Nickel	1.5		0.89	µg/L	=		No
SVP273504	B53W01S	02/20/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP273504	B53W01S	02/20/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP273504	B53W01S	02/20/24	SW846 6020	Vanadium	4		4	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP275662	B53W01S	05/15/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275662	B53W01S	05/15/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275662	B53W01S	05/15/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP275662	B53W01S	05/15/24	SW846 6020	Barium	140		0.69	µg/L	=		No
SVP275662	B53W01S	05/15/24	SW846 6020	Cadmium	0.06		0.06	µg/L	U		No
SVP275662	B53W01S	05/15/24	SW846 6020	Chromium	3.4		1.3	µg/L	=		No
SVP275662	B53W01S	05/15/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP275662	B53W01S	05/15/24	SW846 6020	Nickel	1.4		0.89	µg/L	J	F01	No
SVP275662	B53W01S	05/15/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP275662	B53W01S	05/15/24	ML-005	Th-228	0.395	0.389	0.581	pCi/L	UJ	T04, T05	No
SVP275662	B53W01S	05/15/24	ML-005	Th-230	0.692	0.482	0.42	pCi/L	J	F01, T04, T20	No
SVP275662	B53W01S	05/15/24	ML-005	Th-232	0.0789	0.223	0.581	pCi/L	UJ	T06	No
SVP275662	B53W01S	05/15/24	ML-006	Ra-226	-0.093	0.186	0.726	pCi/L	UJ	T06	No
SVP275662	B53W01S	05/15/24	ML-015	U-234	1.24	0.75	0.562	pCi/L	J	T04, T20	No
SVP275662	B53W01S	05/15/24	ML-015	U-235	0	0.369	0.961	pCi/L	UJ	T06	No
SVP275662	B53W01S	05/15/24	ML-015	U-238	0.395	0.427	0.559	pCi/L	UJ	T06	No
SVP275662	B53W01S	05/15/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP277130	B53W01S	08/20/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277130	B53W01S	08/20/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277130	B53W01S	08/20/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP277130	B53W01S	08/20/24	SW846 6020	Barium	130		0.69	µg/L	=		No
SVP277130	B53W01S	08/20/24	SW846 6020	Cadmium	0.084		0.06	µg/L	J	E01, E08	No
SVP277130	B53W01S	08/20/24	SW846 6020	Chromium	2.5		1.3	µg/L	=		No
SVP277130	B53W01S	08/20/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277130	B53W01S	08/20/24	SW846 6020	Nickel	2.2		0.89	µg/L	=		No
SVP277130	B53W01S	08/20/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP277130	B53W01S	08/20/24	ML-005	Th-228	0.255	0.275	0.329	pCi/L	UJ	T06	No
SVP277130	B53W01S	08/20/24	ML-005	Th-230	0.783	0.482	0.381	pCi/L	J	F01, T04, T20	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP277130	B53W01S	08/20/24	ML-005	Th-232	0.051	0.14	0.329	pCi/L	UJ	T06	No
SVP277130	B53W01S	08/20/24	ML-006	Ra-226	0	0.24	0.534	pCi/L	UJ	T06	No
SVP277130	B53W01S	08/20/24	ML-015	U-234	1.01	0.616	0.528	pCi/L	J	T04, T20	No
SVP277130	B53W01S	08/20/24	ML-015	U-235	0.104	0.293	0.652	pCi/L	UJ	T06	No
SVP277130	B53W01S	08/20/24	ML-015	U-238	1.34	0.705	0.526	pCi/L	J	T04, T20	No
SVP277130	B53W01S	08/20/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278694	B53W01S	11/14/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278694	B53W01S	11/14/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278694	B53W01S	11/14/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP278694	B53W01S	11/14/24	SW846 6020	Barium	130		0.69	µg/L	=		No
SVP278694	B53W01S	11/14/24	SW846 6020	Cadmium	0.2		0.2	µg/L	U		No
SVP278694	B53W01S	11/14/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP278694	B53W01S	11/14/24	SW846 6020	Molybdenum	0.87		0.53	µg/L	=		No
SVP278694	B53W01S	11/14/24	SW846 6020	Nickel	2		0.89	µg/L	=		No
SVP278694	B53W01S	11/14/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP278694	B53W01S	11/14/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278694	B53W01S	11/14/24	ML-005	Th-228	0.352	0.356	0.438	pCi/L	UJ	T06	No
SVP278694	B53W01S	11/14/24	ML-005	Th-230	1.39	0.684	0.379	pCi/L	J	F01	No
SVP278694	B53W01S	11/14/24	ML-005	Th-232	0.0586	0.161	0.378	pCi/L	UJ	T06	No
SVP278694	B53W01S	11/14/24	ML-006	Ra-226	0.0295	0.132	0.345	pCi/L	UJ	T06	No
SVP278694	B53W01S	11/14/24	ML-015	U-234	1.3	0.638	0.355	pCi/L	=		No
SVP278694	B53W01S	11/14/24	ML-015	U-235	0.0905	0.256	0.569	pCi/L	UJ	T06	No
SVP278694	B53W01S	11/14/24	ML-015	U-238	0.694	0.471	0.409	pCi/L	J	T04, T20	No
SVP273505	B53W06S	02/29/24	SW846 6020	Antimony	0.45		0.29	µg/L	=		No
SVP273505	B53W06S	02/29/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP273505	B53W06S	02/29/24	SW846 6020	Barium	81		0.69	µg/L	=		No
SVP273505	B53W06S	02/29/24	SW846 6020	Cadmium	3.3		0.06	µg/L	=		No
SVP273505	B53W06S	02/29/24	SW846 6020	Chromium	1.9		1.3	µg/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP273505	B53W06S	02/29/24	SW846 6020	Molybdenum	6.4		2	µg/L	=		No
SVP273505	B53W06S	02/29/24	SW846 6020	Nickel	7.7		0.89	µg/L	=		No
SVP273505	B53W06S	02/29/24	SW846 6020	Selenium	14		0.67	µg/L	=		No
SVP273505	B53W06S	02/29/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP273505	B53W06S	02/29/24	ML-005	Th-228	0.391	0.366	0.6	pCi/L	UJ	T04, T05	No
SVP273505	B53W06S	02/29/24	ML-005	Th-230	1.22	0.577	0.4	pCi/L	J	F01	No
SVP273505	B53W06S	02/29/24	ML-005	Th-232	0.219	0.255	0.4	pCi/L	UJ	T06	No
SVP273505	B53W06S	02/29/24	ML-006	Ra-226	0.211	0.282	0.519	pCi/L	UJ	T06	No
SVP273505	B53W06S	02/29/24	ML-015	U-234	7.66	1.73	0.487	pCi/L	=		No
SVP273505	B53W06S	02/29/24	ML-015	U-235	0.752	0.569	0.692	pCi/L	J	T04, T20	No
SVP273505	B53W06S	02/29/24	ML-015	U-238	7.32	1.68	0.485	pCi/L	=		No
SVP273505	B53W06S	02/29/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP275663	B53W06S	06/06/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275663	B53W06S	06/06/24	SW846 6020	Antimony	0.7		0.29	µg/L	=		No
SVP275663	B53W06S	06/06/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP275663	B53W06S	06/06/24	SW846 6020	Barium	140		0.69	µg/L	=		No
SVP275663	B53W06S	06/06/24	SW846 6020	Cadmium	5.9		0.06	µg/L	=		No
SVP275663	B53W06S	06/06/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP275663	B53W06S	06/06/24	SW846 6020	Molybdenum	4.4		2	µg/L	=		No
SVP275663	B53W06S	06/06/24	SW846 6020	Nickel	8.3		0.89	µg/L	=		No
SVP275663	B53W06S	06/06/24	SW846 6020	Selenium	19		0.67	µg/L	=		No
SVP275663	B53W06S	06/06/24	ML-005	Th-228	0.944	0.604	0.631	pCi/L	J	F01, T04, T20	No
SVP275663	B53W06S	06/06/24	ML-005	Th-230	1.01	0.608	0.456	pCi/L	J	F01, T04, T20	No
SVP275663	B53W06S	06/06/24	ML-005	Th-232	-0.0214	0.177	0.455	pCi/L	UJ	T06	No
SVP275663	B53W06S	06/06/24	ML-006	Ra-226	0.059	0.391	1.14	pCi/L	UJ	T06	No
SVP275663	B53W06S	06/06/24	ML-015	U-234	4.86	1.39	0.539	pCi/L	=		No
SVP275663	B53W06S	06/06/24	ML-015	U-235	0.391	0.422	0.553	pCi/L	UJ	T06	No
SVP275663	B53W06S	06/06/24	ML-015	U-238	5.53	1.49	0.447	pCi/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP275663	B53W06S	06/06/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP277131	B53W06S	08/28/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277131	B53W06S	08/28/24	SW846 6020	Antimony	0.5		0.29	µg/L	=		No
SVP277131	B53W06S	08/28/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP277131	B53W06S	08/28/24	SW846 6020	Barium	88		0.69	µg/L	=		No
SVP277131	B53W06S	08/28/24	SW846 6020	Cadmium	1.1		0.06	µg/L	=		No
SVP277131	B53W06S	08/28/24	SW846 6020	Chromium	3.5		1.3	µg/L	=		No
SVP277131	B53W06S	08/28/24	SW846 6020	Molybdenum	4.9		2	µg/L	=		No
SVP277131	B53W06S	08/28/24	SW846 6020	Nickel	3.6		0.89	µg/L	=		No
SVP277131	B53W06S	08/28/24	SW846 6020	Selenium	5.5		0.67	µg/L	=		No
SVP277131	B53W06S	08/28/24	ML-005	Th-228	0.414	0.381	0.485	pCi/L	UJ	T04, T05	No
SVP277131	B53W06S	08/28/24	ML-005	Th-230	0.83	0.507	0.435	pCi/L	J	T04, T20	No
SVP277131	B53W06S	08/28/24	ML-005	Th-232	0.069	0.195	0.434	pCi/L	UJ	T06	No
SVP277131	B53W06S	08/28/24	ML-006	Ra-226	0.226	0.325	0.528	pCi/L	UJ	T06	No
SVP277131	B53W06S	08/28/24	ML-015	U-234	5.07	1.31	0.44	pCi/L	=		No
SVP277131	B53W06S	08/28/24	ML-015	U-235	0.0658	0.181	0.425	pCi/L	UJ	T06	No
SVP277131	B53W06S	08/28/24	ML-015	U-238	4.58	1.23	0.343	pCi/L	=		No
SVP277131	B53W06S	08/28/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278695	B53W06S	11/20/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278695	B53W06S	11/20/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278695	B53W06S	11/20/24	SW846 6020	Arsenic	1.6		1.6	µg/L	=		No
SVP278695	B53W06S	11/20/24	SW846 6020	Barium	61		0.69	µg/L	=		No
SVP278695	B53W06S	11/20/24	SW846 6020	Cadmium	2.1		0.2	µg/L	=		No
SVP278695	B53W06S	11/20/24	SW846 6020	Chromium	2.8		1.3	µg/L	=		No
SVP278695	B53W06S	11/20/24	SW846 6020	Molybdenum	3.8		0.53	µg/L	=		No
SVP278695	B53W06S	11/20/24	SW846 6020	Nickel	5.7		0.89	µg/L	=		No
SVP278695	B53W06S	11/20/24	SW846 6020	Selenium	20		0.67	µg/L	=		No
SVP278695	B53W06S	11/20/24	SW846 6020	Vanadium	5.1		4	µg/L	=		No
SVP278695	B53W06S	11/20/24	ML-005	Th-228	0.21	0.28	0.44	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP278695	B53W06S	11/20/24	ML-005	Th-230	0.962	0.535	0.339	pCi/L	J	F01, T04, T20	No
SVP278695	B53W06S	11/20/24	ML-005	Th-232	0.14	0.242	0.439	pCi/L	UJ	T06	No
SVP278695	B53W06S	11/20/24	ML-006	Ra-226	0.34	0.311	0.398	pCi/L	UJ	T04, T05	No
SVP278695	B53W06S	11/20/24	ML-015	U-234	2.87	0.918	0.318	pCi/L	=		No
SVP278695	B53W06S	11/20/24	ML-015	U-235	0.162	0.281	0.51	pCi/L	UJ	T06	No
SVP278695	B53W06S	11/20/24	ML-015	U-238	2.21	0.795	0.317	pCi/L	=		No
SVP273506	B53W07D	03/05/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273506	B53W07D	03/05/24	SW846 6020	Arsenic	76		1.6	µg/L	=		No
SVP273506	B53W07D	03/05/24	SW846 6020	Barium	330		0.69	µg/L	=		No
SVP273506	B53W07D	03/05/24	SW846 6020	Cadmium	0.096		0.06	µg/L	=		No
SVP273506	B53W07D	03/05/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP273506	B53W07D	03/05/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP273506	B53W07D	03/05/24	SW846 6020	Nickel	4.2		0.89	µg/L	=		No
SVP273506	B53W07D	03/05/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP273506	B53W07D	03/05/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP273506	B53W07D	03/05/24	ML-005	Th-228	0.231	0.295	0.581	pCi/L	UJ	T06	No
SVP273506	B53W07D	03/05/24	ML-005	Th-230	0.723	0.425	0.369	pCi/L	J	F01, T04, T20	No
SVP273506	B53W07D	03/05/24	ML-005	Th-232	0	0.163	0.425	pCi/L	UJ	T06	No
SVP273506	B53W07D	03/05/24	ML-006	Ra-226	0.706	0.469	0.519	pCi/L	J	T04, T20	No
SVP273506	B53W07D	03/05/24	ML-015	U-234	0	0.198	0.516	pCi/L	UJ	T06	No
SVP273506	B53W07D	03/05/24	ML-015	U-235	-0.0216	0.178	0.459	pCi/L	UJ	T06	No
SVP273506	B53W07D	03/05/24	ML-015	U-238	0	0.197	0.513	pCi/L	UJ	T06	No
SVP273506	B53W07D	03/05/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP275664	B53W07D	06/04/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275664	B53W07D	06/04/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275664	B53W07D	06/04/24	SW846 6020	Arsenic	74		1.6	µg/L	=		No
SVP275664	B53W07D	06/04/24	SW846 6020	Barium	310		0.69	µg/L	=		No
SVP275664	B53W07D	06/04/24	SW846 6020	Cadmium	0.06		0.06	µg/L	U		No
SVP275664	B53W07D	06/04/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP275664	B53W07D	06/04/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP275664	B53W07D	06/04/24	SW846 6020	Nickel	4		0.89	µg/L	=		No
SVP275664	B53W07D	06/04/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP275664	B53W07D	06/04/24	ML-005	Th-228	0.311	0.296	0.347	pCi/L	UJ	T04, T05	No
SVP275664	B53W07D	06/04/24	ML-005	Th-230	0.966	0.518	0.348	pCi/L	J	F01, T04, T20	No
SVP275664	B53W07D	06/04/24	ML-005	Th-232	0.18	0.23	0.347	pCi/L	UJ	T06	No
SVP275664	B53W07D	06/04/24	ML-006	Ra-226	0.557	0.399	0.441	pCi/L	J	T04, T20	No
SVP275664	B53W07D	06/04/24	ML-015	U-234	-0.0183	0.151	0.388	pCi/L	UJ	T06	No
SVP275664	B53W07D	06/04/24	ML-015	U-235	0	0.255	0.663	pCi/L	UJ	T06	No
SVP275664	B53W07D	06/04/24	ML-015	U-238	0.0545	0.15	0.386	pCi/L	UJ	T06	No
SVP275664	B53W07D	06/04/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP277132	B53W07D	08/26/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277132	B53W07D	08/26/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277132	B53W07D	08/26/24	SW846 6020	Arsenic	73		1.6	µg/L	=		No
SVP277132	B53W07D	08/26/24	SW846 6020	Barium	310		0.69	µg/L	=		No
SVP277132	B53W07D	08/26/24	SW846 6020	Cadmium	0.06		0.06	µg/L	U		No
SVP277132	B53W07D	08/26/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277132	B53W07D	08/26/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277132	B53W07D	08/26/24	SW846 6020	Nickel	3.8		0.89	µg/L	=		No
SVP277132	B53W07D	08/26/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP277132	B53W07D	08/26/24	ML-005	Th-228	0.42	0.334	0.386	pCi/L	J	T04, T20	No
SVP277132	B53W07D	08/26/24	ML-005	Th-230	0.434	0.329	0.342	pCi/L	J	T04, T20	No
SVP277132	B53W07D	08/26/24	ML-005	Th-232	0	0.153	0.341	pCi/L	UJ	T06	No
SVP277132	B53W07D	08/26/24	ML-006	Ra-226	0.126	0.252	0.491	pCi/L	UJ	T06	No
SVP277132	B53W07D	08/26/24	ML-015	U-234	0.0616	0.185	0.411	pCi/L	UJ	T06	No
SVP277132	B53W07D	08/26/24	ML-015	U-235	0.038	0.161	0.426	pCi/L	UJ	T06	No
SVP277132	B53W07D	08/26/24	ML-015	U-238	0.0307	0.13	0.344	pCi/L	UJ	T06	No
SVP277132	B53W07D	08/26/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278696	B53W07D	10/30/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP278696	B53W07D	10/30/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278696	B53W07D	10/30/24	SW846 6020	Arsenic	77		1.6	µg/L	=		No
SVP278696	B53W07D	10/30/24	SW846 6020	Barium	320		0.69	µg/L	=		No
SVP278696	B53W07D	10/30/24	SW846 6020	Cadmium	0.2		0.2	µg/L	U		No
SVP278696	B53W07D	10/30/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP278696	B53W07D	10/30/24	SW846 6020	Molybdenum	1.9		0.53	µg/L	=		No
SVP278696	B53W07D	10/30/24	SW846 6020	Nickel	3.7		0.89	µg/L	=		No
SVP278696	B53W07D	10/30/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP278696	B53W07D	10/30/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278696	B53W07D	10/30/24	ML-005	Th-228	0.0546	0.164	0.365	pCi/L	UJ	T06	No
SVP278696	B53W07D	10/30/24	ML-005	Th-230	0.369	0.293	0.264	pCi/L	J	F01, T04, T20	No
SVP278696	B53W07D	10/30/24	ML-005	Th-232	0.0545	0.154	0.343	pCi/L	UJ	T06	No
SVP278696	B53W07D	10/30/24	ML-006	Ra-226	0.362	0.33	0.424	pCi/L	UJ	T04, T05	No
SVP278696	B53W07D	10/30/24	ML-015	U-234	0	0.191	0.425	pCi/L	UJ	T06	No
SVP278696	B53W07D	10/30/24	ML-015	U-235	0.0626	0.172	0.404	pCi/L	UJ	T06	No
SVP278696	B53W07D	10/30/24	ML-015	U-238	0	0.19	0.423	pCi/L	UJ	T06	No
SVP275665	B53W07S	06/04/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275665	B53W07S	06/04/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP275665	B53W07S	06/04/24	SW846 6020	Barium	240		0.69	µg/L	=		No
SVP275665	B53W07S	06/04/24	SW846 6020	Cadmium	0.074		0.06	µg/L	=		No
SVP275665	B53W07S	06/04/24	SW846 6020	Chromium	3.8		1.3	µg/L	=		No
SVP275665	B53W07S	06/04/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP275665	B53W07S	06/04/24	SW846 6020	Nickel	3.4		0.89	µg/L	=		No
SVP275665	B53W07S	06/04/24	SW846 6020	Selenium	2.9		0.67	µg/L	=		No
SVP275665	B53W07S	06/04/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275665	B53W07S	06/04/24	ML-005	Th-228	0.636	0.457	0.478	pCi/L	J	F01, T04, T20	No
SVP275665	B53W07S	06/04/24	ML-005	Th-230	0.599	0.454	0.551	pCi/L	J	F01, T04, T20	No
SVP275665	B53W07S	06/04/24	ML-005	Th-232	0	0.212	0.55	pCi/L	UJ	T06	No
SVP275665	B53W07S	06/04/24	ML-006	Ra-226	0	0.197	0.675	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP275665	B53W07S	06/04/24	ML-015	U-234	3.98	1.2	0.574	pCi/L	=		No
SVP275665	B53W07S	06/04/24	ML-015	U-235	0.289	0.386	0.709	pCi/L	UJ	T06	No
SVP275665	B53W07S	06/04/24	ML-015	U-238	3.5	1.12	0.572	pCi/L	=		No
SVP275665	B53W07S	06/04/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP277133	B53W07S	08/26/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277133	B53W07S	08/26/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277133	B53W07S	08/26/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP277133	B53W07S	08/26/24	SW846 6020	Barium	260		0.69	µg/L	=		No
SVP277133	B53W07S	08/26/24	SW846 6020	Cadmium	0.14		0.06	µg/L	=		No
SVP277133	B53W07S	08/26/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277133	B53W07S	08/26/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277133	B53W07S	08/26/24	SW846 6020	Nickel	1.7		0.89	µg/L	=		No
SVP277133	B53W07S	08/26/24	SW846 6020	Selenium	3.6		0.67	µg/L	=		No
SVP277133	B53W07S	08/26/24	ML-005	Th-228	0.151	0.369	0.735	pCi/L	UJ	T06	No
SVP277133	B53W07S	08/26/24	ML-005	Th-230	0.496	0.429	0.418	pCi/L	J	T04, T20	No
SVP277133	B53W07S	08/26/24	ML-005	Th-232	0	0.244	0.542	pCi/L	UJ	T06	No
SVP277133	B53W07S	08/26/24	ML-006	Ra-226	0.175	0.303	0.55	pCi/L	UJ	T06	No
SVP277133	B53W07S	08/26/24	ML-015	U-234	2.75	0.883	0.354	pCi/L	=		No
SVP277133	B53W07S	08/26/24	ML-015	U-235	0.468	0.416	0.491	pCi/L	UJ	T04, T05	No
SVP277133	B53W07S	08/26/24	ML-015	U-238	2.39	0.821	0.396	pCi/L	=		No
SVP277133	B53W07S	08/26/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278697	B53W07S	11/25/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278697	B53W07S	11/25/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278697	B53W07S	11/25/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP278697	B53W07S	11/25/24	SW846 6020	Barium	230		0.69	µg/L	=		No
SVP278697	B53W07S	11/25/24	SW846 6020	Cadmium	0.2		0.2	µg/L	J	E01, E08	No
SVP278697	B53W07S	11/25/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP278697	B53W07S	11/25/24	SW846 6020	Molybdenum	1.1		0.53	µg/L	=		No
SVP278697	B53W07S	11/25/24	SW846 6020	Nickel	4		0.89	µg/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP278697	B53W07S	11/25/24	SW846 6020	Selenium	3.1		0.67	µg/L	=		No
SVP278697	B53W07S	11/25/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278697	B53W07S	11/25/24	ML-005	Th-228	0.454	0.361	0.326	pCi/L	J	T04, T20	No
SVP278697	B53W07S	11/25/24	ML-005	Th-230	0.792	0.476	0.326	pCi/L	J	F01, T04, T20	No
SVP278697	B53W07S	11/25/24	ML-005	Th-232	-0.0168	0.139	0.326	pCi/L	UJ	T06	No
SVP278697	B53W07S	11/25/24	ML-006	Ra-226	-0.0578	0.216	0.577	pCi/L	UJ	T06	No
SVP278697	B53W07S	11/25/24	ML-015	U-234	2.78	0.937	0.395	pCi/L	=		No
SVP278697	B53W07S	11/25/24	ML-015	U-235	0.435	0.428	0.547	pCi/L	UJ	T04, T05	No
SVP278697	B53W07S	11/25/24	ML-015	U-238	2.81	0.943	0.441	pCi/L	=		No
SVP273508	B53W09S	03/04/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273508	B53W09S	03/04/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP273508	B53W09S	03/04/24	SW846 6020	Barium	310		0.69	µg/L	=		No
SVP273508	B53W09S	03/04/24	SW846 6020	Cadmium	0.14		0.06	µg/L	=		No
SVP273508	B53W09S	03/04/24	SW846 6020	Chromium	1.6		1.3	µg/L	=		No
SVP273508	B53W09S	03/04/24	SW846 6020	Molybdenum	2.7		2	µg/L	=		No
SVP273508	B53W09S	03/04/24	SW846 6020	Nickel	14		0.89	µg/L	=		No
SVP273508	B53W09S	03/04/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP273508	B53W09S	03/04/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP273508	B53W09S	03/04/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP273508	B53W09S	03/04/24	ML-005	Th-228	0.431	0.371	0.545	pCi/L	UJ	T04, T05	No
SVP273508	B53W09S	03/04/24	ML-005	Th-230	1.07	0.54	0.34	pCi/L	J	F01, T04, T20	No
SVP273508	B53W09S	03/04/24	ML-005	Th-232	0.0639	0.181	0.47	pCi/L	UJ	T06	No
SVP273508	B53W09S	03/04/24	ML-006	Ra-226	0.321	0.328	0.54	pCi/L	UJ	T06	No
SVP273508	B53W09S	03/04/24	ML-015	U-234	0.917	0.528	0.382	pCi/L	J	T04, T20	No
SVP273508	B53W09S	03/04/24	ML-015	U-235	0.0887	0.251	0.653	pCi/L	UJ	T06	No
SVP273508	B53W09S	03/04/24	ML-015	U-238	0.716	0.481	0.527	pCi/L	J	T04, T20	No
SVP275666	B53W09S	06/03/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275666	B53W09S	06/03/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP275666	B53W09S	06/03/24	SW846 6020	Barium	290		0.69	µg/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP275666	B53W09S	06/03/24	SW846 6020	Cadmium	0.19		0.06	µg/L	=		No
SVP275666	B53W09S	06/03/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP275666	B53W09S	06/03/24	SW846 6020	Molybdenum	2.7		2	µg/L	=		No
SVP275666	B53W09S	06/03/24	SW846 6020	Nickel	13		0.89	µg/L	=		No
SVP275666	B53W09S	06/03/24	SW846 6020	Selenium	0.89		0.67	µg/L	=		No
SVP275666	B53W09S	06/03/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275666	B53W09S	06/03/24	ML-005	Th-228	0.272	0.306	0.501	pCi/L	UJ	T06	No
SVP275666	B53W09S	06/03/24	ML-005	Th-230	0.75	0.479	0.502	pCi/L	J	F01, T04, T20	No
SVP275666	B53W09S	06/03/24	ML-005	Th-232	0.0681	0.193	0.501	pCi/L	UJ	T06	No
SVP275666	B53W09S	06/03/24	ML-006	Ra-226	0.135	0.349	0.873	pCi/L	UJ	T06	No
SVP275666	B53W09S	06/03/24	ML-015	U-234	1.3	0.654	0.411	pCi/L	J	T04, T20	No
SVP275666	B53W09S	06/03/24	ML-015	U-235	0.0717	0.197	0.507	pCi/L	UJ	T06	No
SVP275666	B53W09S	06/03/24	ML-015	U-238	1	0.542	0.568	pCi/L	J	T04, T20	No
SVP275666	B53W09S	06/03/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP277134	B53W09S	08/29/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277134	B53W09S	08/29/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277134	B53W09S	08/29/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP277134	B53W09S	08/29/24	SW846 6020	Barium	320		0.69	µg/L	=		No
SVP277134	B53W09S	08/29/24	SW846 6020	Cadmium	0.21		0.06	µg/L	=		No
SVP277134	B53W09S	08/29/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277134	B53W09S	08/29/24	SW846 6020	Molybdenum	2.4		2	µg/L	=		No
SVP277134	B53W09S	08/29/24	SW846 6020	Nickel	13		0.89	µg/L	=		No
SVP277134	B53W09S	08/29/24	SW846 6020	Selenium	0.74		0.67	µg/L	=		No
SVP277134	B53W09S	08/29/24	ML-005	Th-228	0.416	0.358	0.439	pCi/L	UJ	T04, T05	No
SVP277134	B53W09S	08/29/24	ML-005	Th-230	0.725	0.436	0.299	pCi/L	J	T04, T20	No
SVP277134	B53W09S	08/29/24	ML-005	Th-232	0.123	0.214	0.388	pCi/L	UJ	T06	No
SVP277134	B53W09S	08/29/24	ML-006	Ra-226	0.712	0.484	0.5	pCi/L	J	T04, T20	No
SVP277134	B53W09S	08/29/24	ML-015	U-234	1.37	0.645	0.393	pCi/L	=		No
SVP277134	B53W09S	08/29/24	ML-015	U-235	-0.0216	0.179	0.419	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP277134	B53W09S	08/29/24	ML-015	U-238	2.08	0.795	0.338	pCi/L	=		No
SVP277134	B53W09S	08/29/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278698	B53W09S	10/29/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278698	B53W09S	10/29/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278698	B53W09S	10/29/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP278698	B53W09S	10/29/24	SW846 6020	Barium	360		0.69	µg/L	=		No
SVP278698	B53W09S	10/29/24	SW846 6020	Cadmium	0.22		0.2	µg/L	=		No
SVP278698	B53W09S	10/29/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP278698	B53W09S	10/29/24	SW846 6020	Molybdenum	2.5		0.53	µg/L	=		No
SVP278698	B53W09S	10/29/24	SW846 6020	Nickel	15		0.89	µg/L	=		No
SVP278698	B53W09S	10/29/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP278698	B53W09S	10/29/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278698	B53W09S	10/29/24	ML-005	Th-228	0.0348	0.265	0.614	pCi/L	UJ	T06	No
SVP278698	B53W09S	10/29/24	ML-005	Th-230	0.558	0.423	0.439	pCi/L	J	F01, T04, T20	No
SVP278698	B53W09S	10/29/24	ML-005	Th-232	0.104	0.203	0.39	pCi/L	UJ	T06	No
SVP278698	B53W09S	10/29/24	ML-006	Ra-226	0.0896	0.31	0.629	pCi/L	UJ	T06	No
SVP278698	B53W09S	10/29/24	ML-015	U-234	1.07	0.604	0.442	pCi/L	J	T04, T20	No
SVP278698	B53W09S	10/29/24	ML-015	U-235	0.073	0.201	0.471	pCi/L	UJ	T06	No
SVP278698	B53W09S	10/29/24	ML-015	U-238	2.34	0.897	0.38	pCi/L	=		No
SVP273509	B53W17S	02/21/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273509	B53W17S	02/21/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP273509	B53W17S	02/21/24	SW846 6020	Barium	390		0.69	µg/L	=		No
SVP273509	B53W17S	02/21/24	SW846 6020	Cadmium	0.2		0.06	µg/L	=		No
SVP273509	B53W17S	02/21/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP273509	B53W17S	02/21/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP273509	B53W17S	02/21/24	SW846 6020	Nickel	3.3		0.89	µg/L	=		No
SVP273509	B53W17S	02/21/24	SW846 6020	Selenium	200		0.67	µg/L	=		No
SVP273509	B53W17S	02/21/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP273509	B53W17S	02/21/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP273509	B53W17S	02/21/24	ML-005	Th-228	1.73	0.774	0.423	pCi/L	=		No
SVP273509	B53W17S	02/21/24	ML-005	Th-230	3.03	1.05	0.587	pCi/L	J	F01	No
SVP273509	B53W17S	02/21/24	ML-005	Th-232	0.797	0.536	0.586	pCi/L	J	T04, T20	No
SVP273509	B53W17S	02/21/24	ML-006	Ra-226	0.166	0.289	0.642	pCi/L	UJ	T06	No
SVP273509	B53W17S	02/21/24	ML-015	U-234	2.93	1.28	1.26	pCi/L	=		No
SVP273509	B53W17S	02/21/24	ML-015	U-235	0.071	0.301	0.906	pCi/L	UJ	T06	No
SVP273509	B53W17S	02/21/24	ML-015	U-238	2.15	1.03	0.608	pCi/L	=		No
SVP275667	B53W17S	06/10/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275667	B53W17S	06/10/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP275667	B53W17S	06/10/24	SW846 6020	Barium	370		0.69	µg/L	=		No
SVP275667	B53W17S	06/10/24	SW846 6020	Cadmium	0.23		0.06	µg/L	=		No
SVP275667	B53W17S	06/10/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP275667	B53W17S	06/10/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP275667	B53W17S	06/10/24	SW846 6020	Nickel	2.9		0.89	µg/L	=		No
SVP275667	B53W17S	06/10/24	SW846 6020	Selenium	210		0.67	µg/L	=		No
SVP275667	B53W17S	06/10/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275667	B53W17S	06/10/24	ML-005	Th-228	0.126	0.227	0.498	pCi/L	UJ	T06	No
SVP275667	B53W17S	06/10/24	ML-005	Th-230	0.993	0.516	0.335	pCi/L	J	F01, T04, T20	No
SVP275667	B53W17S	06/10/24	ML-005	Th-232	0	0.178	0.463	pCi/L	UJ	T06	No
SVP275667	B53W17S	06/10/24	ML-006	Ra-226	0.387	0.352	0.474	pCi/L	UJ	T04, T05	No
SVP275667	B53W17S	06/10/24	ML-015	U-234	2.17	0.85	0.572	pCi/L	=		No
SVP275667	B53W17S	06/10/24	ML-015	U-235	0.0692	0.19	0.517	pCi/L	UJ	T06	No
SVP275667	B53W17S	06/10/24	ML-015	U-238	2.16	0.846	0.57	pCi/L	=		No
SVP275667	B53W17S	06/10/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP277135	B53W17S	08/27/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277135	B53W17S	08/27/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277135	B53W17S	08/27/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP277135	B53W17S	08/27/24	SW846 6020	Barium	350		0.69	µg/L	=		No
SVP277135	B53W17S	08/27/24	SW846 6020	Cadmium	0.2		0.06	µg/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP277135	B53W17S	08/27/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277135	B53W17S	08/27/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277135	B53W17S	08/27/24	SW846 6020	Nickel	2.8		0.89	µg/L	=		No
SVP277135	B53W17S	08/27/24	SW846 6020	Selenium	210		0.67	µg/L	=		No
SVP277135	B53W17S	08/27/24	ML-005	Th-228	0.446	0.418	0.562	pCi/L	UJ	T04, T05	No
SVP277135	B53W17S	08/27/24	ML-005	Th-230	1.13	0.586	0.346	pCi/L	J	T04, T20	No
SVP277135	B53W17S	08/27/24	ML-005	Th-232	-0.0178	0.147	0.345	pCi/L	UJ	T06	No
SVP277135	B53W17S	08/27/24	ML-006	Ra-226	0.271	0.392	0.635	pCi/L	UJ	T06	No
SVP277135	B53W17S	08/27/24	ML-015	U-234	1.99	0.777	0.431	pCi/L	=		No
SVP277135	B53W17S	08/27/24	ML-015	U-235	0.0845	0.239	0.532	pCi/L	UJ	T06	No
SVP277135	B53W17S	08/27/24	ML-015	U-238	1.69	0.704	0.33	pCi/L	=		No
SVP277135	B53W17S	08/27/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278699	B53W17S	11/11/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278699	B53W17S	11/11/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278699	B53W17S	11/11/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP278699	B53W17S	11/11/24	SW846 6020	Barium	380		0.69	µg/L	=		No
SVP278699	B53W17S	11/11/24	SW846 6020	Cadmium	0.22		0.2	µg/L	=		No
SVP278699	B53W17S	11/11/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP278699	B53W17S	11/11/24	SW846 6020	Molybdenum	0.65		0.53	µg/L	=		No
SVP278699	B53W17S	11/11/24	SW846 6020	Nickel	3		0.89	µg/L	=		No
SVP278699	B53W17S	11/11/24	SW846 6020	Selenium	230		0.67	µg/L	=		No
SVP278699	B53W17S	11/11/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278699	B53W17S	11/11/24	ML-005	Th-228	0.52	0.414	0.373	pCi/L	J	T04, T20	No
SVP278699	B53W17S	11/11/24	ML-005	Th-230	1.14	0.612	0.373	pCi/L	J	F01, T04, T20	No
SVP278699	B53W17S	11/11/24	ML-005	Th-232	0.192	0.273	0.431	pCi/L	UJ	T06	No
SVP278699	B53W17S	11/11/24	ML-006	Ra-226	0.925	0.502	0.433	pCi/L	J	T04, T20	No
SVP278699	B53W17S	11/11/24	ML-015	U-234	1.97	0.743	0.391	pCi/L	=		No
SVP278699	B53W17S	11/11/24	ML-015	U-235	0	0.22	0.49	pCi/L	UJ	T06	No
SVP278699	B53W17S	11/11/24	ML-015	U-238	1.51	0.646	0.396	pCi/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP273510	MW31-98	02/21/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273510	MW31-98	02/21/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP273510	MW31-98	02/21/24	SW846 6020	Barium	180		0.69	µg/L	=		No
SVP273510	MW31-98	02/21/24	SW846 6020	Cadmium	0.55		0.06	µg/L	=		No
SVP273510	MW31-98	02/21/24	SW846 6020	Chromium	1.5		1.3	µg/L	=		No
SVP273510	MW31-98	02/21/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP273510	MW31-98	02/21/24	SW846 6020	Nickel	1.2		0.89	µg/L	=		No
SVP273510	MW31-98	02/21/24	SW846 6020	Selenium	14		0.67	µg/L	=		No
SVP273510	MW31-98	02/21/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP273510	MW31-98	02/21/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP273510	MW31-98	02/21/24	ML-005	Th-228	0.209	0.267	0.404	pCi/L	UJ	T06	No
SVP273510	MW31-98	02/21/24	ML-005	Th-230	0.514	0.409	0.404	pCi/L	J	F01, T04, T20	No
SVP273510	MW31-98	02/21/24	ML-005	Th-232	0	0.215	0.559	pCi/L	UJ	T06	No
SVP273510	MW31-98	02/21/24	ML-006	Ra-226	0.258	0.341	0.694	pCi/L	UJ	T06	No
SVP273510	MW31-98	02/21/24	ML-015	U-234	1.14	0.601	0.469	pCi/L	J	T04, T20	No
SVP273510	MW31-98	02/21/24	ML-015	U-235	0.159	0.261	0.481	pCi/L	UJ	T06	No
SVP273510	MW31-98	02/21/24	ML-015	U-238	1.1	0.596	0.538	pCi/L	J	T04, T20	No
SVP275668	MW31-98	05/29/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275668	MW31-98	05/29/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP275668	MW31-98	05/29/24	SW846 6020	Barium	87		0.69	µg/L	=		No
SVP275668	MW31-98	05/29/24	SW846 6020	Cadmium	0.38		0.06	µg/L	=		No
SVP275668	MW31-98	05/29/24	SW846 6020	Chromium	1.6		1.3	µg/L	J	F01	No
SVP275668	MW31-98	05/29/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP275668	MW31-98	05/29/24	SW846 6020	Nickel	0.99		0.89	µg/L	=		No
SVP275668	MW31-98	05/29/24	SW846 6020	Selenium	2		0.67	µg/L	=		No
SVP275668	MW31-98	05/29/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275668	MW31-98	05/29/24	ML-005	Th-228	0.154	0.267	0.566	pCi/L	UJ	T06	No
SVP275668	MW31-98	05/29/24	ML-005	Th-230	1.08	0.608	0.567	pCi/L	J	T04, T20	No
SVP275668	MW31-98	05/29/24	ML-005	Th-232	0.0768	0.218	0.566	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP275668	MW31-98	05/29/24	ML-006	Ra-226	0.112	0.317	0.824	pCi/L	UJ	T06	No
SVP275668	MW31-98	05/29/24	ML-015	U-234	1.57	0.666	0.351	pCi/L	=		No
SVP275668	MW31-98	05/29/24	ML-015	U-235	-0.0204	0.168	0.432	pCi/L	UJ	T06	No
SVP275668	MW31-98	05/29/24	ML-015	U-238	0.707	0.443	0.349	pCi/L	J	T04, T20	No
SVP275668	MW31-98	05/29/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP277136	MW31-98	08/21/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277136	MW31-98	08/21/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277136	MW31-98	08/21/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP277136	MW31-98	08/21/24	SW846 6020	Barium	160		0.69	µg/L	=		No
SVP277136	MW31-98	08/21/24	SW846 6020	Cadmium	0.06		0.06	µg/L	U	E01, E08	No
SVP277136	MW31-98	08/21/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277136	MW31-98	08/21/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277136	MW31-98	08/21/24	SW846 6020	Nickel	0.89		0.89	µg/L	U		No
SVP277136	MW31-98	08/21/24	SW846 6020	Selenium	2.1		0.67	µg/L	=		No
SVP277136	MW31-98	08/21/24	ML-005	Th-228	3.58E-01	0.341	0.364	pCi/L	UJ	T04, T05	No
SVP277136	MW31-98	08/21/24	ML-005	Th-230	0.905	0.553	0.474	pCi/L	J	F01, T04, T20	No
SVP277136	MW31-98	08/21/24	ML-005	Th-232	0	0.213	0.473	pCi/L	UJ	T06	No
SVP277136	MW31-98	08/21/24	ML-006	Ra-226	0	0.194	0.556	pCi/L	UJ	T06	No
SVP277136	MW31-98	08/21/24	ML-015	U-234	0.696	0.495	0.487	pCi/L	J	T04, T20	No
SVP277136	MW31-98	08/21/24	ML-015	U-235	0.263	0.335	0.462	pCi/L	UJ	T06	No
SVP277136	MW31-98	08/21/24	ML-015	U-238	0.982	0.566	0.373	pCi/L	J	T04, T20	No
SVP277136	MW31-98	08/21/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278700	MW31-98	10/28/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278700-1	MW31-98	10/28/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278700	MW31-98	10/28/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278700	MW31-98	10/28/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP278700	MW31-98	10/28/24	SW846 6020	Barium	150		0.69	µg/L	=		No
SVP278700	MW31-98	10/28/24	SW846 6020	Cadmium	0.32		0.2	µg/L	=		No
SVP278700	MW31-98	10/28/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP278700	MW31-98	10/28/24	SW846 6020	Molybdenum	2.3		0.53	µg/L	=		No
SVP278700	MW31-98	10/28/24	SW846 6020	Nickel	2.5		0.89	µg/L	=		No
SVP278700	MW31-98	10/28/24	SW846 6020	Selenium	1.7		0.67	µg/L	=		No
SVP278700-2	MW31-98	10/28/24	SW846 6020	Thallium	0.21		0.21	µg/L	U		No
SVP278700	MW31-98	10/28/24	ML-005	Th-228	0.11	0.268	0.533	pCi/L	UJ	T06	No
SVP278700	MW31-98	10/28/24	ML-005	Th-230	0.627	0.426	0.419	pCi/L	J	F01, T04, T20	No
SVP278700	MW31-98	10/28/24	ML-005	Th-232	0.125	0.217	0.394	pCi/L	UJ	T06	No
SVP278700	MW31-98	10/28/24	ML-006	Ra-226	0.114	0.213	0.4	pCi/L	UJ	T06	No
SVP278700	MW31-98	10/28/24	ML-015	U-234	1.5	0.66	0.374	pCi/L	=		No
SVP278700	MW31-98	10/28/24	ML-015	U-235	0.0618	0.17	0.399	pCi/L	UJ	T06	No
SVP278700	MW31-98	10/28/24	ML-015	U-238	1.11	0.561	0.322	pCi/L	J	T04, T20	No
SVP278700-1	MW31-98	10/28/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278700-1	MW31-98	10/28/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP278700-1	MW31-98	10/28/24	SW846 6020	Barium	150		0.69	µg/L	=		No
SVP278700-1	MW31-98	10/28/24	SW846 6020	Cadmium	0.33		0.2	µg/L	=		No
SVP278700-1	MW31-98	10/28/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP278700-1	MW31-98	10/28/24	SW846 6020	Molybdenum	2.3		0.53	µg/L	=		No
SVP278700-1	MW31-98	10/28/24	SW846 6020	Nickel	2.5		0.89	µg/L	=		No
SVP278700-1	MW31-98	10/28/24	SW846 6020	Selenium	1.9		0.67	µg/L	=		No
SVP278700	MW31-98	10/28/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278700-1	MW31-98	10/28/24	ML-005	Th-228	0.283	0.349	0.555	pCi/L	UJ	T06	No
SVP278700-1	MW31-98	10/28/24	ML-005	Th-230	1.07	0.546	0.396	pCi/L	J	F01, T04, T20	No
SVP278700-1	MW31-98	10/28/24	ML-005	Th-232	0	0.178	0.395	pCi/L	UJ	T06	No
SVP278700-1	MW31-98	10/28/24	ML-006	Ra-226	0.0587	0.186	0.413	pCi/L	UJ	T06	No
SVP278700-1	MW31-98	10/28/24	ML-015	U-234	1.9	0.803	0.435	pCi/L	=		No
SVP278700-1	MW31-98	10/28/24	ML-015	U-235	-0.0479	0.203	0.536	pCi/L	UJ	T06	No
SVP278700-1	MW31-98	10/28/24	ML-015	U-238	1.89	0.8	0.433	pCi/L	=		No
SVP278700-2	MW31-98	10/28/24	SW846 6020	Antimony	0.4		0.4	µg/L	U		No
SVP278700-2	MW31-98	10/28/24	SW846 6020	Arsenic	0.5		0.5	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP278700-2	MW31-98	10/28/24	SW846 6020	Barium	160		0.38	µg/L	=		No
SVP278700-2	MW31-98	10/28/24	SW846 6020	Cadmium	0.39		0.19	µg/L	=		No
SVP278700-2	MW31-98	10/28/24	SW846 6020	Chromium	0.5		0.5	µg/L	U		No
SVP278700-2	MW31-98	10/28/24	SW846 6020	Molybdenum	2.3		0.37	µg/L	=		No
SVP278700-2	MW31-98	10/28/24	SW846 6020	Nickel	1.9		0.83	µg/L	=		No
SVP278700-2	MW31-98	10/28/24	SW846 6020	Selenium	1.9		1	µg/L	=		No
SVP278700-1	MW31-98	10/28/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278700-2	MW31-98	10/28/24	SW846 6020	Vanadium	1.5		1.1	µg/L	=		No
SVP278700-2	MW31-98	10/28/24	EML A-01-R MOD	Th-228	0.197	0.191	0.272	pCi/L	UJ	T04, T05	No
SVP278700-2	MW31-98	10/28/24	EML A-01-R MOD	Th-230	0.332	0.234	0.268	pCi/L	J	T04, T20	No
SVP278700-2	MW31-98	10/28/24	EML A-01-R MOD	Th-232	-0.0102	0.0473	0.139	pCi/L	UJ	T06	No
SVP278700-2	MW31-98	10/28/24	SW846 9315 MODL	Ra-226	0.0779	0.115	0.195	pCi/L	UJ	T06	No
SVP278700-2	MW31-98	10/28/24	EML A-01-R MOD	U-234	1.25	0.319	0.0878	pCi/L	=		No
SVP278700-2	MW31-98	10/28/24	EML A-01-R MOD	U-235	0.0903	0.0907	0.0678	pCi/L	UJ	T02	No
SVP278700-2	MW31-98	10/28/24	EML A-01-R MOD	U-238	0.856	0.262	0.112	pCi/L	=		No
SVP278700-2	MW31-98	10/28/24	SW846 9320 MODL	Ra-228	0.182	0.295	0.504	pCi/L	UJ	T06	No
SVP273511	MW32-98	02/26/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273511	MW32-98	02/26/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP273511	MW32-98	02/26/24	SW846 6020	Barium	170		0.69	µg/L	=		No
SVP273511	MW32-98	02/26/24	SW846 6020	Cadmium	0.39		0.06	µg/L	=		No
SVP273511	MW32-98	02/26/24	SW846 6020	Chromium	1.4		1.3	µg/L	=		No
SVP273511	MW32-98	02/26/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP273511	MW32-98	02/26/24	SW846 6020	Nickel	1.5		0.89	µg/L	=		No
SVP273511	MW32-98	02/26/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP273511	MW32-98	02/26/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP273511	MW32-98	02/26/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP273511	MW32-98	02/26/24	ML-005	Th-228	0.313	0.333	0.561	pCi/L	UJ	T06	No
SVP273511	MW32-98	02/26/24	ML-005	Th-230	1.52	0.666	0.485	pCi/L	J	F01	No
SVP273511	MW32-98	02/26/24	ML-005	Th-232	0.115	0.189	0.35	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP273511	MW32-98	02/26/24	ML-006	Ra-226	0.35	0.358	0.589	pCi/L	UJ	T06	No
SVP273511	MW32-98	02/26/24	ML-015	U-234	3.26	1.19	0.687	pCi/L	=		No
SVP273511	MW32-98	02/26/24	ML-015	U-235	0.117	0.333	0.865	pCi/L	UJ	T06	No
SVP273511	MW32-98	02/26/24	ML-015	U-238	3.03	1.14	0.698	pCi/L	=		No
SVP275669	MW32-98	05/21/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275669	MW32-98	05/21/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP275669	MW32-98	05/21/24	SW846 6020	Barium	81		0.69	µg/L	=		No
SVP275669	MW32-98	05/21/24	SW846 6020	Cadmium	0.66		0.06	µg/L	=		No
SVP275669	MW32-98	05/21/24	SW846 6020	Chromium	1.4		1.3	µg/L	=		No
SVP275669	MW32-98	05/21/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP275669	MW32-98	05/21/24	SW846 6020	Nickel	0.92		0.89	µg/L	J	F01	No
SVP275669	MW32-98	05/21/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP275669	MW32-98	05/21/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275669	MW32-98	05/21/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP275669	MW32-98	05/21/24	ML-005	Th-228	0.0179	0.156	0.516	pCi/L	UJ	T06	No
SVP275669	MW32-98	05/21/24	ML-005	Th-230	0.931	0.546	0.527	pCi/L	J	F01, T04, T20	No
SVP275669	MW32-98	05/21/24	ML-005	Th-232	-0.0357	0.152	0.457	pCi/L	UJ	T06	No
SVP275669	MW32-98	05/21/24	ML-006	Ra-226	0.1	0.257	0.643	pCi/L	UJ	T06	No
SVP275669	MW32-98	05/21/24	ML-015	U-234	0	0.558	1.45	pCi/L	UJ	T06	No
SVP275669	MW32-98	05/21/24	ML-015	U-235	-0.0608	0.501	1.29	pCi/L	UJ	T06	No
SVP275669	MW32-98	05/21/24	ML-015	U-238	0.981	0.973	1.44	pCi/L	UJ	T04, T05	No
SVP277137	MW32-98	08/14/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277137	MW32-98	08/14/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP277137	MW32-98	08/14/24	SW846 6020	Barium	100		0.69	µg/L	=		No
SVP277137	MW32-98	08/14/24	SW846 6020	Cadmium	0.06		0.06	µg/L	UJ	E01, E08	No
SVP277137	MW32-98	08/14/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277137	MW32-98	08/14/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277137	MW32-98	08/14/24	SW846 6020	Nickel	0.89		0.89	µg/L	U		No
SVP277137	MW32-98	08/14/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP277137	MW32-98	08/14/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277137	MW32-98	08/14/24	ML-005	Th-228	0.35	0.345	0.44	pCi/L	UJ	T04, T05	No
SVP277137	MW32-98	08/14/24	ML-005	Th-230	0.841	0.513	0.441	pCi/L	J	F01, T04, T20	No
SVP277137	MW32-98	08/14/24	ML-005	Th-232	-0.0175	0.144	0.338	pCi/L	UJ	T06	No
SVP277137	MW32-98	08/14/24	ML-006	Ra-226	0.0788	0.223	0.496	pCi/L	UJ	T06	No
SVP277137	MW32-98	08/14/24	ML-015	U-234	0.332	0.373	0.522	pCi/L	UJ	T06	No
SVP277137	MW32-98	08/14/24	ML-015	U-235	0	0.289	0.644	pCi/L	UJ	T06	No
SVP277137	MW32-98	08/14/24	ML-015	U-238	0.33	0.371	0.519	pCi/L	UJ	T06	No
SVP277137	MW32-98	08/14/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278701	MW32-98	10/28/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278701	MW32-98	10/28/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278701	MW32-98	10/28/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP278701	MW32-98	10/28/24	SW846 6020	Barium	110		0.69	µg/L	=		No
SVP278701	MW32-98	10/28/24	SW846 6020	Cadmium	0.2		0.2	µg/L	U		No
SVP278701	MW32-98	10/28/24	SW846 6020	Chromium	1.5		1.3	µg/L	=		No
SVP278701	MW32-98	10/28/24	SW846 6020	Molybdenum	1.7		0.53	µg/L	=		No
SVP278701	MW32-98	10/28/24	SW846 6020	Nickel	0.89		0.89	µg/L	U		No
SVP278701	MW32-98	10/28/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP278701	MW32-98	10/28/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278701	MW32-98	10/28/24	ML-005	Th-228	0.386	0.342	0.452	pCi/L	UJ	T04, T05	No
SVP278701	MW32-98	10/28/24	ML-005	Th-230	0.938	0.478	0.347	pCi/L	J	F01, T04, T20	No
SVP278701	MW32-98	10/28/24	ML-005	Th-232	0.0826	0.161	0.308	pCi/L	UJ	T06	No
SVP278701	MW32-98	10/28/24	ML-006	Ra-226	-0.0286	0.206	0.535	pCi/L	UJ	T06	No
SVP278701	MW32-98	10/28/24	ML-015	U-234	0.536	0.406	0.422	pCi/L	J	T04, T20	No
SVP278701	MW32-98	10/28/24	ML-015	U-235	0.062	0.171	0.4	pCi/L	UJ	T06	No
SVP278701	MW32-98	10/28/24	ML-015	U-238	0.651	0.428	0.323	pCi/L	J	T04, T20	No
SVP273512	PW35	03/06/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273512	PW35	03/06/24	SW846 6020	Arsenic	41		1.6	µg/L	=		No
SVP273512	PW35	03/06/24	SW846 6020	Barium	720		0.69	µg/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP273512	PW35	03/06/24	SW846 6020	Cadmium	0.36		0.06	µg/L	=		No
SVP273512	PW35	03/06/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP273512	PW35	03/06/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP273512	PW35	03/06/24	SW846 6020	Nickel	1.5		0.89	µg/L	=		No
SVP273512	PW35	03/06/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP273512	PW35	03/06/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP273512	PW35	03/06/24	ML-005	Th-228	-0.109	0.15	0.599	pCi/L	UJ	T06	No
SVP273512	PW35	03/06/24	ML-005	Th-230	0.797	0.46	0.332	pCi/L	J	F01, T04, T20	No
SVP273512	PW35	03/06/24	ML-005	Th-232	0.0624	0.177	0.459	pCi/L	UJ	T06	No
SVP273512	PW35	03/06/24	ML-006	Ra-226	2.43	0.815	0.671	pCi/L	=		No
SVP273512	PW35	03/06/24	ML-015	U-234	0.0372	0.158	0.475	pCi/L	UJ	T06	No
SVP273512	PW35	03/06/24	ML-015	U-235	0	0.26	0.675	pCi/L	UJ	T06	No
SVP273512	PW35	03/06/24	ML-015	U-238	-0.0556	0.162	0.534	pCi/L	UJ	T06	No
SVP273512	PW35	03/06/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275670	PW35	06/11/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP275670	PW35	06/11/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275670	PW35	06/11/24	SW846 6020	Arsenic	41		1.6	µg/L	=		No
SVP275670	PW35	06/11/24	SW846 6020	Barium	840		0.69	µg/L	=		No
SVP275670	PW35	06/11/24	SW846 6020	Cadmium	0.092		0.06	µg/L	=		No
SVP275670	PW35	06/11/24	SW846 6020	Chromium	7.9		1.3	µg/L	=		No
SVP275670	PW35	06/11/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP275670	PW35	06/11/24	SW846 6020	Nickel	8.3		0.89	µg/L	=		No
SVP275670	PW35	06/11/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP275670	PW35	06/11/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275670	PW35	06/11/24	ML-005	Th-228	0.68	0.45	0.539	pCi/L	J	T04, T20	No
SVP275670	PW35	06/11/24	ML-005	Th-230	0.443	0.361	0.466	pCi/L	UJ	T04, T05	No
SVP275670	PW35	06/11/24	ML-005	Th-232	0.0632	0.179	0.465	pCi/L	UJ	T06	No
SVP275670	PW35	06/11/24	ML-006	Ra-226	2.3	0.803	0.497	pCi/L	=		No
SVP275670	PW35	06/11/24	ML-015	U-234	0.232	0.31	0.569	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP275670	PW35	06/11/24	ML-015	U-235	0	0.27	0.702	pCi/L	UJ	T06	No
SVP275670	PW35	06/11/24	ML-015	U-238	0	0.218	0.567	pCi/L	UJ	T06	No
SVP277138	PW35	08/15/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277138	PW35	08/15/24	SW846 6020	Arsenic	48		1.6	µg/L	=		No
SVP277138	PW35	08/15/24	SW846 6020	Barium	800		0.69	µg/L	=		No
SVP277138	PW35	08/15/24	SW846 6020	Cadmium	0.12		0.06	µg/L	J	E01, E08	No
SVP277138	PW35	08/15/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277138	PW35	08/15/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277138	PW35	08/15/24	SW846 6020	Nickel	0.98		0.89	µg/L	=		No
SVP277138	PW35	08/15/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP277138	PW35	08/15/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277138	PW35	08/15/24	ML-005	Th-228	0.327	0.322	0.411	pCi/L	UJ	T04, T05	No
SVP277138	PW35	08/15/24	ML-005	Th-230	0.9	0.5	0.317	pCi/L	J	F01, T04, T20	No
SVP277138	PW35	08/15/24	ML-005	Th-232	0.18	0.229	0.316	pCi/L	UJ	T06	No
SVP277138	PW35	08/15/24	ML-006	Ra-226	3.44	1.06	0.651	pCi/L	=		No
SVP277138	PW35	08/15/24	ML-015	U-234	0	0.194	0.432	pCi/L	UJ	T06	No
SVP277138	PW35	08/15/24	ML-015	U-235	0	0.239	0.533	pCi/L	UJ	T06	No
SVP277138	PW35	08/15/24	ML-015	U-238	0.0683	0.193	0.43	pCi/L	UJ	T06	No
SVP277138	PW35	08/15/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278702	PW35	11/06/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278702	PW35	11/06/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278702	PW35	11/06/24	SW846 6020	Arsenic	46		1.6	µg/L	=		No
SVP278702	PW35	11/06/24	SW846 6020	Barium	780		0.69	µg/L	=		No
SVP278702	PW35	11/06/24	SW846 6020	Cadmium	0.2		0.2	µg/L	U		No
SVP278702	PW35	11/06/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP278702	PW35	11/06/24	SW846 6020	Molybdenum	0.81		0.53	µg/L	=		No
SVP278702	PW35	11/06/24	SW846 6020	Nickel	0.89		0.89	µg/L	U		No
SVP278702	PW35	11/06/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP278702	PW35	11/06/24	SW846 6020	Vanadium	4		4	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP278702	PW35	11/06/24	ML-005	Th-228	0.281	0.315	0.441	pCi/L	UJ	T06	No
SVP278702	PW35	11/06/24	ML-005	Th-230	1.19	0.61	0.442	pCi/L	J	F01, T04, T20	No
SVP278702	PW35	11/06/24	ML-005	Th-232	0.21	0.281	0.441	pCi/L	UJ	T06	No
SVP278702	PW35	11/06/24	ML-006	Ra-226	2.28	0.778	0.585	pCi/L	=		No
SVP278702	PW35	11/06/24	ML-015	U-234	0.0862	0.204	0.427	pCi/L	UJ	T06	No
SVP278702	PW35	11/06/24	ML-015	U-235	0.0851	0.241	0.535	pCi/L	UJ	T06	No
SVP278702	PW35	11/06/24	ML-015	U-238	0.137	0.238	0.432	pCi/L	UJ	T06	No
SVP273513	PW36	03/07/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273513	PW36	03/07/24	SW846 6020	Arsenic	72		1.6	µg/L	=		No
SVP273513	PW36	03/07/24	SW846 6020	Barium	260		0.69	µg/L	=		No
SVP273513	PW36	03/07/24	SW846 6020	Cadmium	0.16		0.06	µg/L	=		No
SVP273513	PW36	03/07/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP273513	PW36	03/07/24	SW846 6020	Molybdenum	3.2		2	µg/L	=		No
SVP273513	PW36	03/07/24	SW846 6020	Nickel	11		0.89	µg/L	=		No
SVP273513	PW36	03/07/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP273513	PW36	03/07/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP273513	PW36	03/07/24	ML-005	Th-228	0.118	0.251	0.594	pCi/L	UJ	T06	No
SVP273513	PW36	03/07/24	ML-005	Th-230	0.887	0.482	0.435	pCi/L	J	F01, T04, T20	No
SVP273513	PW36	03/07/24	ML-005	Th-232	0.118	0.205	0.435	pCi/L	UJ	T06	No
SVP273513	PW36	03/07/24	ML-006	Ra-226	0.897	0.484	0.417	pCi/L	J	T04, T20	No
SVP273513	PW36	03/07/24	ML-015	U-234	0.519	0.384	0.356	pCi/L	J	T04, T20	No
SVP273513	PW36	03/07/24	ML-015	U-235	-0.0207	0.17	0.439	pCi/L	UJ	T06	No
SVP273513	PW36	03/07/24	ML-015	U-238	0.4	0.355	0.491	pCi/L	UJ	T04, T05	No
SVP273513	PW36	03/07/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275671	PW36	05/14/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP275671	PW36	05/14/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275671	PW36	05/14/24	SW846 6020	Arsenic	41		1.6	µg/L	=		No
SVP275671	PW36	05/14/24	SW846 6020	Barium	170		0.69	µg/L	=		No
SVP275671	PW36	05/14/24	SW846 6020	Cadmium	0.53		0.06	µg/L	=		No
SVP275671	PW36	05/14/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP275671	PW36	05/14/24	SW846 6020	Molybdenum	2		2	µg/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP275671	PW36	05/14/24	SW846 6020	Nickel	6.4		0.89	µg/L	J	F01	No
SVP275671	PW36	05/14/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP275671	PW36	05/14/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275671	PW36	05/14/24	ML-005	Th-228	0.492	0.392	0.489	pCi/L	J	T04, T20	No
SVP275671	PW36	05/14/24	ML-005	Th-230	0.662	0.437	0.361	pCi/L	J	F01, T04, T20	No
SVP275671	PW36	05/14/24	ML-005	Th-232	0.0678	0.192	0.499	pCi/L	UJ	T06	No
SVP275671	PW36	05/14/24	ML-006	Ra-226	0.621	0.449	0.668	pCi/L	UJ	T04, T05	No
SVP275671	PW36	05/14/24	ML-015	U-234	0.897	0.603	0.66	pCi/L	J	T04, T20	No
SVP275671	PW36	05/14/24	ML-015	U-235	0	0.313	0.814	pCi/L	UJ	T06	No
SVP275671	PW36	05/14/24	ML-015	U-238	0.223	0.317	0.57	pCi/L	UJ	T06	No
SVP277139	PW36	08/19/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277139	PW36	08/19/24	SW846 6020	Arsenic	68		1.6	µg/L	=		No
SVP277139	PW36	08/19/24	SW846 6020	Barium	220		0.69	µg/L	=		No
SVP277139	PW36	08/19/24	SW846 6020	Cadmium	0.066		0.06	µg/L	J	E01, E08	No
SVP277139	PW36	08/19/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277139	PW36	08/19/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277139	PW36	08/19/24	SW846 6020	Nickel	4.7		0.89	µg/L	=		No
SVP277139	PW36	08/19/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP277139	PW36	08/19/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277139	PW36	08/19/24	ML-005	Th-228	0.66	0.47	0.461	pCi/L	J	T04, T20	No
SVP277139	PW36	08/19/24	ML-005	Th-230	1.51	0.696	0.411	pCi/L	J	F01	No
SVP277139	PW36	08/19/24	ML-005	Th-232	0.0733	0.208	0.461	pCi/L	UJ	T06	No
SVP277139	PW36	08/19/24	ML-006	Ra-226	0.747	0.622	0.79	pCi/L	UJ	T04, T05	No
SVP277139	PW36	08/19/24	ML-015	U-234	0.301	0.338	0.474	pCi/L	UJ	T06	No
SVP277139	PW36	08/19/24	ML-015	U-235	-0.0232	0.191	0.449	pCi/L	UJ	T06	No
SVP277139	PW36	08/19/24	ML-015	U-238	0.581	0.43	0.363	pCi/L	J	T04, T20	No
SVP277139	PW36	08/19/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278703	PW36	11/07/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278703	PW36	11/07/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP278703	PW36	11/07/24	SW846 6020	Arsenic	42		1.6	µg/L	=		No
SVP278703	PW36	11/07/24	SW846 6020	Barium	140		0.69	µg/L	=		No
SVP278703	PW36	11/07/24	SW846 6020	Cadmium	0.72		0.2	µg/L	=		No
SVP278703	PW36	11/07/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP278703	PW36	11/07/24	SW846 6020	Molybdenum	1.2		0.53	µg/L	=		No
SVP278703	PW36	11/07/24	SW846 6020	Nickel	4.6		0.89	µg/L	=		No
SVP278703	PW36	11/07/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP278703	PW36	11/07/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278703	PW36	11/07/24	ML-005	Th-228	0.326	0.328	0.435	pCi/L	UJ	T06	No
SVP278703	PW36	11/07/24	ML-005	Th-230	2.07	0.771	0.316	pCi/L	J	F01	No
SVP278703	PW36	11/07/24	ML-005	Th-232	0.13	0.226	0.41	pCi/L	UJ	T06	No
SVP278703	PW36	11/07/24	ML-006	Ra-226	0.389	0.356	0.456	pCi/L	UJ	T04, T05	No
SVP278703	PW36	11/07/24	ML-015	U-234	0.146	0.264	0.489	pCi/L	UJ	T06	No
SVP278703	PW36	11/07/24	ML-015	U-235	0	0.255	0.568	pCi/L	UJ	T06	No
SVP278703	PW36	11/07/24	ML-015	U-238	0.437	0.388	0.458	pCi/L	UJ	T04, T05	No
SVP273514	PW42	03/04/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273514	PW42	03/04/24	SW846 6020	Arsenic	110		1.6	µg/L	=		No
SVP273514	PW42	03/04/24	SW846 6020	Barium	260		0.69	µg/L	=		No
SVP273514	PW42	03/04/24	SW846 6020	Cadmium	0.59		0.06	µg/L	=		No
SVP273514	PW42	03/04/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP273514	PW42	03/04/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP273514	PW42	03/04/24	SW846 6020	Nickel	1		0.89	µg/L	=		No
SVP273514	PW42	03/04/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP273514	PW42	03/04/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP273514	PW42	03/04/24	ML-005	Th-228	0.316	0.336	0.566	pCi/L	UJ	T06	No
SVP273514	PW42	03/04/24	ML-005	Th-230	1.45	0.644	0.353	pCi/L	J	F01	No
SVP273514	PW42	03/04/24	ML-005	Th-232	0.133	0.23	0.489	pCi/L	UJ	T06	No
SVP273514	PW42	03/04/24	ML-006	Ra-226	0.368	0.407	0.783	pCi/L	UJ	T06	No
SVP273514	PW42	03/04/24	ML-015	U-234	0.0706	0.2	0.52	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP273514	PW42	03/04/24	ML-015	U-235	0	0.246	0.641	pCi/L	UJ	T06	No
SVP273514	PW42	03/04/24	ML-015	U-238	0.0352	0.149	0.449	pCi/L	UJ	T06	No
SVP273514	PW42	03/04/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275672	PW42	06/03/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP275672	PW42	06/03/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275672	PW42	06/03/24	SW846 6020	Arsenic	72		1.6	µg/L	=		No
SVP275672	PW42	06/03/24	SW846 6020	Barium	220		0.69	µg/L	=		No
SVP275672	PW42	06/03/24	SW846 6020	Cadmium	1.1		0.06	µg/L	=		No
SVP275672	PW42	06/03/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP275672	PW42	06/03/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP275672	PW42	06/03/24	SW846 6020	Nickel	1.3		0.89	µg/L	=		No
SVP275672	PW42	06/03/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP275672	PW42	06/03/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275672	PW42	06/03/24	ML-005	Th-228	0.184	0.235	0.355	pCi/L	UJ	T06	No
SVP275672	PW42	06/03/24	ML-005	Th-230	0.536	0.406	0.493	pCi/L	J	F01, T04, T20	No
SVP275672	PW42	06/03/24	ML-005	Th-232	0	0.189	0.492	pCi/L	UJ	T06	No
SVP275672	PW42	06/03/24	ML-006	Ra-226	0.151	0.337	0.811	pCi/L	UJ	T06	No
SVP275672	PW42	06/03/24	ML-015	U-234	0.138	0.228	0.42	pCi/L	UJ	T06	No
SVP275672	PW42	06/03/24	ML-015	U-235	0.0975	0.276	0.718	pCi/L	UJ	T06	No
SVP275672	PW42	06/03/24	ML-015	U-238	0	0.223	0.579	pCi/L	UJ	T06	No
SVP277140	PW42	08/28/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277140	PW42	08/28/24	SW846 6020	Arsenic	120		1.6	µg/L	=		No
SVP277140	PW42	08/28/24	SW846 6020	Barium	250		0.69	µg/L	=		No
SVP277140	PW42	08/28/24	SW846 6020	Cadmium	0.06		0.06	µg/L	U		No
SVP277140	PW42	08/28/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277140	PW42	08/28/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277140	PW42	08/28/24	SW846 6020	Nickel	0.89		0.89	µg/L	U		No
SVP277140	PW42	08/28/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP277140	PW42	08/28/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP277140	PW42	08/28/24	ML-005	Th-228	0.259	0.291	0.407	pCi/L	UJ	T06	No
SVP277140	PW42	08/28/24	ML-005	Th-230	1.23	0.595	0.408	pCi/L	=		No
SVP277140	PW42	08/28/24	ML-005	Th-232	0.129	0.225	0.407	pCi/L	UJ	T06	No
SVP277140	PW42	08/28/24	ML-006	Ra-226	0.153	0.266	0.482	pCi/L	UJ	T06	No
SVP277140	PW42	08/28/24	ML-015	U-234	0	0.223	0.497	pCi/L	UJ	T06	No
SVP277140	PW42	08/28/24	ML-015	U-235	0	0.276	0.613	pCi/L	UJ	T06	No
SVP277140	PW42	08/28/24	ML-015	U-238	0	0	0.236	pCi/L	U		No
SVP277140	PW42	08/28/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278704	PW42	10/24/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278704	PW42	10/24/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278704	PW42	10/24/24	SW846 6020	Arsenic	140		1.6	µg/L	=		No
SVP278704	PW42	10/24/24	SW846 6020	Barium	250		0.69	µg/L	=		No
SVP278704	PW42	10/24/24	SW846 6020	Cadmium	0.37		0.2	µg/L	J	E01, E08	No
SVP278704	PW42	10/24/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP278704	PW42	10/24/24	SW846 6020	Molybdenum	1.2		0.53	µg/L	=		No
SVP278704	PW42	10/24/24	SW846 6020	Nickel	0.89		0.89	µg/L	U		No
SVP278704	PW42	10/24/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP278704	PW42	10/24/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278704	PW42	10/24/24	ML-005	Th-228	0.265	0.318	0.491	pCi/L	UJ	T06	No
SVP278704	PW42	10/24/24	ML-005	Th-230	0.828	0.479	0.386	pCi/L	J	F01, T04, T20	No
SVP278704	PW42	10/24/24	ML-005	Th-232	0.0935	0.182	0.349	pCi/L	UJ	T06	No
SVP278704	PW42	10/24/24	ML-006	Ra-226	0.44	0.419	0.618	pCi/L	UJ	T04, T05	No
SVP278704	PW42	10/24/24	ML-015	U-234	0.0963	0.187	0.359	pCi/L	UJ	T06	No
SVP278704	PW42	10/24/24	ML-015	U-235	-0.0594	0.173	0.49	pCi/L	UJ	T06	No
SVP278704	PW42	10/24/24	ML-015	U-238	-0.016	0.132	0.309	pCi/L	UJ	T06	No
SVP273515	PW43	02/26/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP273515	PW43	02/26/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP273515	PW43	02/26/24	SW846 6020	Barium	190		0.69	µg/L	=		No
SVP273515	PW43	02/26/24	SW846 6020	Cadmium	0.09		0.06	µg/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP273515	PW43	02/26/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP273515	PW43	02/26/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP273515	PW43	02/26/24	SW846 6020	Nickel	2.4		0.89	µg/L	=		No
SVP273515	PW43	02/26/24	SW846 6020	Selenium	2		0.67	µg/L	=		No
SVP273515	PW43	02/26/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP273515	PW43	02/26/24	ML-005	Th-228	0.279	0.314	0.562	pCi/L	UJ	T06	No
SVP273515	PW43	02/26/24	ML-005	Th-230	0.977	0.508	0.329	pCi/L	J	F01, T04, T20	No
SVP273515	PW43	02/26/24	ML-005	Th-232	0.108	0.178	0.329	pCi/L	UJ	T06	No
SVP273515	PW43	02/26/24	ML-006	Ra-226	0.485	0.393	0.51	pCi/L	UJ	T04, T05	No
SVP273515	PW43	02/26/24	ML-015	U-234	4.56	1.29	0.569	pCi/L	=		No
SVP273515	PW43	02/26/24	ML-015	U-235	0	0.27	0.701	pCi/L	UJ	T06	No
SVP273515	PW43	02/26/24	ML-015	U-238	4.29	1.24	0.408	pCi/L	=		No
SVP273515	PW43	02/26/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275673	PW43	05/21/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP275673	PW43	05/21/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP275673	PW43	05/21/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP275673	PW43	05/21/24	SW846 6020	Barium	190		0.69	µg/L	=		No
SVP275673	PW43	05/21/24	SW846 6020	Cadmium	0.06		0.06	µg/L	U		No
SVP275673	PW43	05/21/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP275673	PW43	05/21/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP275673	PW43	05/21/24	SW846 6020	Nickel	0.99		0.89	µg/L	J	F01	No
SVP275673	PW43	05/21/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP275673	PW43	05/21/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP275673	PW43	05/21/24	ML-005	Th-228	0.309	0.361	0.564	pCi/L	UJ	T06	No
SVP275673	PW43	05/21/24	ML-005	Th-230	0.973	0.624	0.651	pCi/L	J	F01, T04, T20	No
SVP275673	PW43	05/21/24	ML-005	Th-232	0	0.25	0.65	pCi/L	UJ	T06	No
SVP275673	PW43	05/21/24	ML-006	Ra-226	0.067	0.212	0.563	pCi/L	UJ	T06	No
SVP275673	PW43	05/21/24	ML-015	U-234	0.943	0.551	0.534	pCi/L	J	T04, T20	No
SVP275673	PW43	05/21/24	ML-015	U-235	-0.0224	0.184	0.475	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP275673	PW43	05/21/24	ML-015	U-238	1.3	0.644	0.532	pCi/L	=		No
SVP277141	PW43	08/13/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SVP277141	PW43	08/13/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP277141	PW43	08/13/24	SW846 6020	Barium	230		0.69	µg/L	=		No
SVP277141	PW43	08/13/24	SW846 6020	Cadmium	0.082		0.06	µg/L	J	E01, E08	No
SVP277141	PW43	08/13/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP277141	PW43	08/13/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SVP277141	PW43	08/13/24	SW846 6020	Nickel	1.4		0.89	µg/L	=		No
SVP277141	PW43	08/13/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP277141	PW43	08/13/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP277141	PW43	08/13/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP277141	PW43	08/13/24	ML-005	Th-228	0.259	0.28	0.335	pCi/L	UJ	T06	No
SVP277141	PW43	08/13/24	ML-005	Th-230	1.09	0.567	0.335	pCi/L	J	F01, T04, T20	No
SVP277141	PW43	08/13/24	ML-005	Th-232	0.121	0.199	0.335	pCi/L	UJ	T06	No
SVP277141	PW43	08/13/24	ML-006	Ra-226	0.0658	0.186	0.414	pCi/L	UJ	T06	No
SVP277141	PW43	08/13/24	ML-015	U-234	2.08	0.775	0.369	pCi/L	=		No
SVP277141	PW43	08/13/24	ML-015	U-235	-0.0203	0.168	0.394	pCi/L	UJ	T06	No
SVP277141	PW43	08/13/24	ML-015	U-238	1.49	0.648	0.318	pCi/L	=		No
SVP278705	PW43	10/29/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SVP278705	PW43	10/29/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SVP278705	PW43	10/29/24	SW846 6020	Barium	220		0.69	µg/L	=		No
SVP278705	PW43	10/29/24	SW846 6020	Cadmium	0.26		0.2	µg/L	=		No
SVP278705	PW43	10/29/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SVP278705	PW43	10/29/24	SW846 6020	Molybdenum	1.5		0.53	µg/L	=		No
SVP278705	PW43	10/29/24	SW846 6020	Nickel	3.4		0.89	µg/L	=		No
SVP278705	PW43	10/29/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SVP278705	PW43	10/29/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SVP278705	PW43	10/29/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SVP278705	PW43	10/29/24	ML-005	Th-228	0.32	0.352	0.524	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SVP278705	PW43	10/29/24	ML-005	Th-230	0.272	0.293	0.396	pCi/L	UJ	T06	No
SVP278705	PW43	10/29/24	ML-005	Th-232	0	0.181	0.402	pCi/L	UJ	T06	No
SVP278705	PW43	10/29/24	ML-006	Ra-226	0.0585	0.185	0.411	pCi/L	UJ	T06	No
SVP278705	PW43	10/29/24	ML-015	U-234	2.65	0.994	0.521	pCi/L	=		No
SVP278705	PW43	10/29/24	ML-015	U-235	0.102	0.289	0.643	pCi/L	UJ	T06	No
SVP278705	PW43	10/29/24	ML-015	U-238	1.36	0.701	0.483	pCi/L	J	T04, T20	No
SLA273516	PW44	02/13/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SLA273516	PW44	02/13/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA273516	PW44	02/13/24	SW846 6020	Barium	67		0.69	µg/L	=		No
SLA273516	PW44	02/13/24	SW846 6020	Cadmium	2.4		0.06	µg/L	=		No
SLA273516	PW44	02/13/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA273516	PW44	02/13/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SLA273516	PW44	02/13/24	SW846 6020	Nickel	3.4		0.89	µg/L	=		No
SLA273516	PW44	02/13/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SLA273516	PW44	02/13/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA273516	PW44	02/13/24	ML-005	Th-228	0.344	0.328	0.384	pCi/L	UJ	T04, T05	No
SLA273516	PW44	02/13/24	ML-005	Th-230	1.09	0.592	0.533	pCi/L	J	F01, T04, T20	No
SLA273516	PW44	02/13/24	ML-005	Th-232	0	0.205	0.532	pCi/L	UJ	T06	No
SLA273516	PW44	02/13/24	ML-006	Ra-226	-1.5E-06	0.158	0.54	pCi/L	UJ	T06	No
SLA273516	PW44	02/13/24	ML-015	U-234	1.9	0.798	0.558	pCi/L	=		No
SLA273516	PW44	02/13/24	ML-015	U-235	0.281	0.375	0.688	pCi/L	UJ	T06	No
SLA273516	PW44	02/13/24	ML-015	U-238	0.491	0.406	0.482	pCi/L	J	T04, T20	No
SLA273516	PW44	02/13/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA275682	PW44	05/15/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA275682	PW44	05/15/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SLA275682	PW44	05/15/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA275682	PW44	05/15/24	SW846 6020	Barium	67		0.69	µg/L	=		No
SLA275682	PW44	05/15/24	SW846 6020	Cadmium	0.25		0.06	µg/L	=		No
SLA275682	PW44	05/15/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SLA275682	PW44	05/15/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SLA275682	PW44	05/15/24	SW846 6020	Nickel	5.7		0.89	µg/L	J	F01	No
SLA275682	PW44	05/15/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SLA275682	PW44	05/15/24	ML-005	Th-228	0	0	0.198	pCi/L	U		No
SLA275682	PW44	05/15/24	ML-005	Th-230	0.657	0.467	0.538	pCi/L	J	F01, T04, T20	No
SLA275682	PW44	05/15/24	ML-005	Th-232	0.0729	0.206	0.537	pCi/L	UJ	T06	No
SLA275682	PW44	05/15/24	ML-006	Ra-226	0.0579	0.183	0.487	pCi/L	UJ	T06	No
SLA275682	PW44	05/15/24	ML-015	U-234	0.492	0.425	0.568	pCi/L	UJ	T04, T05	No
SLA275682	PW44	05/15/24	ML-015	U-235	-0.0243	0.2	0.516	pCi/L	UJ	T06	No
SLA275682	PW44	05/15/24	ML-015	U-238	0.372	0.355	0.416	pCi/L	UJ	T04, T05	No
SLA275682	PW44	05/15/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA277118	PW44	08/21/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA277118	PW44	08/21/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SLA277118	PW44	08/21/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA277118	PW44	08/21/24	SW846 6020	Barium	85		0.69	µg/L	=		No
SLA277118	PW44	08/21/24	SW846 6020	Cadmium	0.06		0.06	µg/L	U	E01, E08	No
SLA277118	PW44	08/21/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA277118	PW44	08/21/24	SW846 6020	Molybdenum	2.4		2	µg/L	=		No
SLA277118	PW44	08/21/24	SW846 6020	Nickel	1.2		0.89	µg/L	=		No
SLA277118	PW44	08/21/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SLA277118	PW44	08/21/24	ML-005	Th-228	0.485	0.441	0.609	pCi/L	UJ	T04, T05	No
SLA277118	PW44	08/21/24	ML-005	Th-230	1.46	0.65	0.324	pCi/L	J	F01	No
SLA277118	PW44	08/21/24	ML-005	Th-232	0.0334	0.142	0.375	pCi/L	UJ	T06	No
SLA277118	PW44	08/21/24	ML-006	Ra-226	0.109	0.345	0.767	pCi/L	UJ	T06	No
SLA277118	PW44	08/21/24	ML-015	U-234	0.409	0.403	0.514	pCi/L	UJ	T04, T05	No
SLA277118	PW44	08/21/24	ML-015	U-235	0	0.285	0.635	pCi/L	UJ	T06	No
SLA277118	PW44	08/21/24	ML-015	U-238	0.285	0.332	0.456	pCi/L	UJ	T06	No
SLA277118	PW44	08/21/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA278687	PW44	10/23/24	SW846 6020	Vanadium	4		4	µg/L	U		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SLA278687	PW44	10/23/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SLA278687	PW44	10/23/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA278687	PW44	10/23/24	SW846 6020	Barium	76		0.69	µg/L	=		No
SLA278687	PW44	10/23/24	SW846 6020	Cadmium	0.31		0.2	µg/L	J	E01, E08	No
SLA278687	PW44	10/23/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA278687	PW44	10/23/24	SW846 6020	Molybdenum	2.6		0.53	µg/L	=		No
SLA278687	PW44	10/23/24	SW846 6020	Nickel	1.6		0.89	µg/L	=		No
SLA278687	PW44	10/23/24	SW846 6020	Selenium	0.67		0.67	µg/L	U		No
SLA278687	PW44	10/23/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA278687	PW44	10/23/24	ML-005	Th-228	0.456	0.393	0.481	pCi/L	UJ	T04, T05	No
SLA278687	PW44	10/23/24	ML-005	Th-230	0.575	0.414	0.379	pCi/L	J	F01, T04, T20	No
SLA278687	PW44	10/23/24	ML-005	Th-232	0	0.191	0.425	pCi/L	UJ	T06	No
SLA278687	PW44	10/23/24	ML-006	Ra-226	0.065	0.184	0.409	pCi/L	UJ	T06	No
SLA278687	PW44	10/23/24	ML-015	U-234	0.447	0.364	0.401	pCi/L	J	T04, T20	No
SLA278687	PW44	10/23/24	ML-015	U-235	0.177	0.282	0.487	pCi/L	UJ	T06	No
SLA278687	PW44	10/23/24	ML-015	U-238	0.254	0.285	0.4	pCi/L	UJ	T06	No
SLA273517	PW45	02/27/24	SW846 6020	Antimony	0.3		0.29	µg/L	=		No
SLA273517	PW45	02/27/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA273517	PW45	02/27/24	SW846 6020	Barium	54		0.69	µg/L	=		No
SLA273517	PW45	02/27/24	SW846 6020	Cadmium	0.17		0.06	µg/L	=		No
SLA273517	PW45	02/27/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA273517	PW45	02/27/24	SW846 6020	Molybdenum	44		2	µg/L	=		No
SLA273517	PW45	02/27/24	SW846 6020	Nickel	61		0.89	µg/L	=		No
SLA273517	PW45	02/27/24	SW846 6020	Selenium	30		0.67	µg/L	=		No
SLA273517	PW45	02/27/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA273517	PW45	02/27/24	ML-005	Th-228	0.0795	0.276	0.721	pCi/L	UJ	T06	No
SLA273517	PW45	02/27/24	ML-005	Th-230	0.7	0.447	0.469	pCi/L	J	F01, T04, T20	No
SLA273517	PW45	02/27/24	ML-005	Th-232	0	0.18	0.468	pCi/L	UJ	T06	No
SLA273517	PW45	02/27/24	ML-006	Ra-226	0.106	0.213	0.478	pCi/L	UJ	T06	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SLA273517	PW45	02/27/24	ML-015	U-234	4.06	1.35	0.711	pCi/L	=		No
SLA273517	PW45	02/27/24	ML-015	U-235	0.119	0.337	0.877	pCi/L	UJ	T06	No
SLA273517	PW45	02/27/24	ML-015	U-238	3.08	1.16	0.708	pCi/L	=		No
SLA273517	PW45	02/27/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA275683	PW45	05/15/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA275683	PW45	05/15/24	SW846 6020	Antimony	0.34		0.29	µg/L	=		No
SLA275683	PW45	05/15/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA275683	PW45	05/15/24	SW846 6020	Barium	49		0.69	µg/L	=		No
SLA275683	PW45	05/15/24	SW846 6020	Cadmium	0.14		0.06	µg/L	=		No
SLA275683	PW45	05/15/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA275683	PW45	05/15/24	SW846 6020	Molybdenum	52		2	µg/L	=		No
SLA275683	PW45	05/15/24	SW846 6020	Nickel	3.7		0.89	µg/L	J	F01	No
SLA275683	PW45	05/15/24	SW846 6020	Selenium	22		0.67	µg/L	=		No
SLA275683	PW45	05/15/24	ML-005	Th-228	0.182	0.259	0.466	pCi/L	UJ	T06	No
SLA275683	PW45	05/15/24	ML-005	Th-230	0.511	0.417	0.538	pCi/L	UJ	T04, T05	No
SLA275683	PW45	05/15/24	ML-005	Th-232	0.0729	0.206	0.537	pCi/L	UJ	T06	No
SLA275683	PW45	05/15/24	ML-006	Ra-226	0.12	0.269	0.647	pCi/L	UJ	T06	No
SLA275683	PW45	05/15/24	ML-015	U-234	2.89	1.18	0.574	pCi/L	=		No
SLA275683	PW45	05/15/24	ML-015	U-235	0.267	0.463	0.982	pCi/L	UJ	T06	No
SLA275683	PW45	05/15/24	ML-015	U-238	2.42	1.08	0.688	pCi/L	=		No
SLA275683	PW45	05/15/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA277119	PW45	08/14/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA277119	PW45	08/14/24	SW846 6020	Antimony	0.48		0.29	µg/L	=		No
SLA277119	PW45	08/14/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA277119	PW45	08/14/24	SW846 6020	Barium	56		0.69	µg/L	=		No
SLA277119	PW45	08/14/24	SW846 6020	Cadmium	0.076		0.06	µg/L	J	E01, E08	No
SLA277119	PW45	08/14/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA277119	PW45	08/14/24	SW846 6020	Molybdenum	65		2	µg/L	=		No
SLA277119	PW45	08/14/24	SW846 6020	Nickel	2.2		0.89	µg/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SLA277119	PW45	08/14/24	SW846 6020	Selenium	19		0.67	µg/L	=		No
SLA277119	PW45	08/14/24	ML-005	Th-228	0.332	0.317	0.338	pCi/L	UJ	T04, T05	No
SLA277119	PW45	08/14/24	ML-005	Th-230	0.77	0.492	0.44	pCi/L	J	F01, T04, T20	No
SLA277119	PW45	08/14/24	ML-005	Th-232	0.21	0.28	0.44	pCi/L	UJ	T06	No
SLA277119	PW45	08/14/24	ML-006	Ra-226	0.219	0.292	0.459	pCi/L	UJ	T06	No
SLA277119	PW45	08/14/24	ML-015	U-234	2.64	0.929	0.358	pCi/L	=		No
SLA277119	PW45	08/14/24	ML-015	U-235	0.16	0.262	0.441	pCi/L	UJ	T06	No
SLA277119	PW45	08/14/24	ML-015	U-238	1.75	0.744	0.356	pCi/L	=		No
SLA277119	PW45	08/14/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA278688	PW45	10/22/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA278688	PW45	10/22/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SLA278688	PW45	10/22/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA278688	PW45	10/22/24	SW846 6020	Barium	65		0.69	µg/L	=		No
SLA278688	PW45	10/22/24	SW846 6020	Cadmium	0.22		0.2	µg/L	J	E01, E08	No
SLA278688	PW45	10/22/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA278688	PW45	10/22/24	SW846 6020	Molybdenum	73		0.53	µg/L	=		No
SLA278688	PW45	10/22/24	SW846 6020	Nickel	4.1		0.89	µg/L	=		No
SLA278688	PW45	10/22/24	SW846 6020	Selenium	15		0.67	µg/L	=		No
SLA278688	PW45	10/22/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA278688	PW45	10/22/24	ML-005	Th-228	0.0329	0.251	0.58	pCi/L	UJ	T06	No
SLA278688	PW45	10/22/24	ML-005	Th-230	0.33	0.325	0.415	pCi/L	UJ	T04, T05	No
SLA278688	PW45	10/22/24	ML-005	Th-232	-0.0164	0.136	0.318	pCi/L	UJ	T06	No
SLA278688	PW45	10/22/24	ML-006	Ra-226	0.0723	0.229	0.508	pCi/L	UJ	T06	No
SLA278688	PW45	10/22/24	ML-015	U-234	1.73	0.683	0.302	pCi/L	=		No
SLA278688	PW45	10/22/24	ML-015	U-235	0.25	0.316	0.476	pCi/L	UJ	T06	No
SLA278688	PW45	10/22/24	ML-015	U-238	2.02	0.742	0.348	pCi/L	=		No
SLA273518-2	PW46	02/27/24	SW846 9320 MODL	Ra-228	0.545	0.312	0.436	pCi/L	J	T04, T20	No
SLA273518	PW46	02/27/24	ML-005	Th-228	0.182	0.251	0.481	pCi/L	UJ	T06	No
SLA273518	PW46	02/27/24	ML-005	Th-230	0.73	0.445	0.448	pCi/L	J	F01, T04, T20	No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SLA273518	PW46	02/27/24	ML-005	Th-232	0.121	0.211	0.447	pCi/L	UJ	T06	No
SLA273518	PW46	02/27/24	ML-015	U-234	817	87.7	0.501	pCi/L	J	Q02	No
SLA273518	PW46	02/27/24	ML-015	U-235	41.9	5.99	0.713	pCi/L	J	Q02	No
SLA273518	PW46	02/27/24	ML-015	U-238	852	91.4	0.575	pCi/L	J	Q02	No
SLA273518	PW46	02/27/24	ML-006	Ra-226	0.249	0.293	0.479	pCi/L	UJ	T06	No
SLA273518	PW46	02/27/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SLA273518	PW46	02/27/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA273518	PW46	02/27/24	SW846 6020	Barium	61		0.69	µg/L	=		No
SLA273518	PW46	02/27/24	SW846 6020	Cadmium	0.49		0.06	µg/L	=		No
SLA273518	PW46	02/27/24	SW846 6020	Chromium	1.3		1.3	µg/L	=		No
SLA273518	PW46	02/27/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SLA273518	PW46	02/27/24	SW846 6020	Nickel	1.8		0.89	µg/L	=		No
SLA273518	PW46	02/27/24	SW846 6020	Selenium	99		0.67	µg/L	=		No
SLA273518	PW46	02/27/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA273518-1	PW46	02/27/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA273518-1	PW46	02/27/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SLA273518-1	PW46	02/27/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA273518-1	PW46	02/27/24	SW846 6020	Barium	59		0.69	µg/L	=		No
SLA273518-1	PW46	02/27/24	SW846 6020	Cadmium	0.42		0.06	µg/L	=		No
SLA273518-1	PW46	02/27/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA273518-1	PW46	02/27/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SLA273518-1	PW46	02/27/24	SW846 6020	Nickel	1.7		0.89	µg/L	=		No
SLA273518-1	PW46	02/27/24	SW846 6020	Selenium	93		0.67	µg/L	=		No
SLA273518-2	PW46	02/27/24	SW846 6020	Vanadium	1.1		1.1	µg/L	U		No
SLA273518-1	PW46	02/27/24	ML-005	Th-228	1.11	0.556	0.546	pCi/L	=		No
SLA273518-1	PW46	02/27/24	ML-005	Th-230	1.51	0.634	0.444	pCi/L	J	F01	No
SLA273518-1	PW46	02/27/24	ML-005	Th-232	0.0301	0.128	0.384	pCi/L	UJ	T06	No
SLA273518-1	PW46	02/27/24	ML-006	Ra-226	0.15	0.26	0.553	pCi/L	UJ	T06	No
SLA273518-1	PW46	02/27/24	ML-015	U-234	924	119	0.944	pCi/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SLA273518-1	PW46	02/27/24	ML-015	U-235	41.1	7.31	1.16	pCi/L	=		No
SLA273518-1	PW46	02/27/24	ML-015	U-238	958	124	0.816	pCi/L	=		No
SLA273518-2	PW46	02/27/24	SW846 6020	Antimony	0.4		0.4	µg/L	U		No
SLA273518-2	PW46	02/27/24	SW846 6020	Arsenic	0.5		0.5	µg/L	U		No
SLA273518-2	PW46	02/27/24	SW846 6020	Barium	68		0.38	µg/L	=		No
SLA273518-2	PW46	02/27/24	SW846 6020	Cadmium	0.33		0.19	µg/L	=		No
SLA273518-2	PW46	02/27/24	SW846 6020	Chromium	0.57		0.5	µg/L	=		No
SLA273518-2	PW46	02/27/24	SW846 6020	Molybdenum	0.48		0.37	µg/L	=		No
SLA273518-2	PW46	02/27/24	SW846 6020	Nickel	1.5		0.83	µg/L	=		No
SLA273518-2	PW46	02/27/24	SW846 6020	Selenium	100		1	µg/L	=		No
SLA273518-2	PW46	02/27/24	EML A-01-R MOD	Th-228	-0.0137	0.13	0.249	pCi/L	UJ	T06	No
SLA273518-2	PW46	02/27/24	EML A-01-R MOD	Th-230	0.251	0.214	0.254	pCi/L	UJ	T04, T05	No
SLA273518-2	PW46	02/27/24	EML A-01-R MOD	Th-232	0.022	0.0572	0.113	pCi/L	UJ	T06	No
SLA273518-2	PW46	02/27/24	SW846 9315 MODL	Ra-226	0.0187	0.135	0.258	pCi/L	UJ	T06	No
SLA273518-2	PW46	02/27/24	EML A-01-R MOD	U-234	195	19	0.85	pCi/L	=		No
SLA273518-2	PW46	02/27/24	EML A-01-R MOD	U-235	14.3	3.17	0.833	pCi/L	=		No
SLA273518-2	PW46	02/27/24	EML A-01-R MOD	U-238	197	19.2	0.738	pCi/L	=		No
SLA273518	PW46	02/27/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA273518-1	PW46	02/27/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA273518-2	PW46	02/27/24	SW846 6020	Thallium	0.21		0.21	µg/L	U		No
SLA275684	PW46	05/21/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA275684	PW46	05/21/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SLA275684	PW46	05/21/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA275684	PW46	05/21/24	SW846 6020	Barium	64		0.69	µg/L	=		No
SLA275684	PW46	05/21/24	SW846 6020	Cadmium	0.22		0.06	µg/L	=		No
SLA275684	PW46	05/21/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA275684	PW46	05/21/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SLA275684	PW46	05/21/24	SW846 6020	Nickel	4.1		0.89	µg/L	J	F01	No
SLA275684	PW46	05/21/24	SW846 6020	Selenium	40		0.67	µg/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SLA275684	PW46	05/21/24	ML-005	Th-228	0.398	0.393	0.586	pCi/L	UJ	T04, T05	No
SLA275684	PW46	05/21/24	ML-005	Th-230	2.55	0.963	0.63	pCi/L	J	F01	No
SLA275684	PW46	05/21/24	ML-005	Th-232	-0.0199	0.164	0.422	pCi/L	UJ	T06	No
SLA275684	PW46	05/21/24	ML-006	Ra-226	0.136	0.236	0.502	pCi/L	UJ	T06	No
SLA275684	PW46	05/21/24	ML-015	U-234	277	29	0.484	pCi/L	=		No
SLA275684	PW46	05/21/24	ML-015	U-235	12.6	2.39	0.439	pCi/L	=		No
SLA275684	PW46	05/21/24	ML-015	U-238	271	28.3	0.354	pCi/L	=		No
SLA275684	PW46	05/21/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA277120	PW46	08/20/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA277120	PW46	08/20/24	SW846 6020	Antimony	0.29		0.29	µg/L	U		No
SLA277120	PW46	08/20/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA277120	PW46	08/20/24	SW846 6020	Barium	110		0.69	µg/L	=		No
SLA277120	PW46	08/20/24	SW846 6020	Cadmium	0.06		0.06	µg/L	J	E01, E08	No
SLA277120	PW46	08/20/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA277120	PW46	08/20/24	SW846 6020	Molybdenum	2		2	µg/L	U		No
SLA277120	PW46	08/20/24	SW846 6020	Nickel	2.2		0.89	µg/L	=		No
SLA277120	PW46	08/20/24	SW846 6020	Selenium	6.2		0.67	µg/L	=		No
SLA277120	PW46	08/20/24	ML-005	Th-228	0.251	0.35	0.587	pCi/L	UJ	T06	No
SLA277120	PW46	08/20/24	ML-005	Th-230	0.611	0.403	0.303	pCi/L	J	F01, T04, T20	No
SLA277120	PW46	08/20/24	ML-005	Th-232	0.188	0.251	0.394	pCi/L	UJ	T06	No
SLA277120	PW46	08/20/24	ML-006	Ra-226	0.049	0.219	0.573	pCi/L	UJ	T06	No
SLA277120	PW46	08/20/24	ML-015	U-234	72.4	9.41	0.539	pCi/L	=		No
SLA277120	PW46	08/20/24	ML-015	U-235	2.9	1.18	0.676	pCi/L	=		No
SLA277120	PW46	08/20/24	ML-015	U-238	73.1	9.48	0.486	pCi/L	=		No
SLA277120	PW46	08/20/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA278689	PW46	10/22/24	SW846 6020	Vanadium	4		4	µg/L	U		No
SLA278689	PW46	10/22/24	SW846 6020	Antimony	1.1		1.1	µg/L	U		No
SLA278689	PW46	10/22/24	SW846 6020	Arsenic	1.6		1.6	µg/L	U		No
SLA278689	PW46	10/22/24	SW846 6020	Barium	91		0.69	µg/L	=		No

Table F-4. CY 2024 Groundwater Sampling Data for the SLAPS and SLAPS VPs (Continued)

Site: SLAPS and SLAPS VPs											
Sample Name	**Station Name**	**Collection Date**	**Method**	**Analyte**	**Result**	**Measurement Error**	**DL**	**Units**	**VQ**	**Validation Reason Code**	**Filtered**
SLA278689	PW46	10/22/24	SW846 6020	Cadmium	0.26		0.2	µg/L	J	E01, E08	No
SLA278689	PW46	10/22/24	SW846 6020	Chromium	1.3		1.3	µg/L	U		No
SLA278689	PW46	10/22/24	SW846 6020	Molybdenum	0.53		0.53	µg/L	U		No
SLA278689	PW46	10/22/24	SW846 6020	Nickel	2.3		0.89	µg/L	=		No
SLA278689	PW46	10/22/24	SW846 6020	Selenium	4.5		0.67	µg/L	=		No
SLA278689	PW46	10/22/24	SW846 6020	Thallium	0.38		0.38	µg/L	U		No
SLA278689	PW46	10/22/24	ML-005	Th-228	0.143	0.202	0.32	pCi/L	UJ	T06	No
SLA278689	PW46	10/22/24	ML-005	Th-230	0.4	0.326	0.359	pCi/L	J	F01, T04, T20	No
SLA278689	PW46	10/22/24	ML-005	Th-232	0.143	0.202	0.319	pCi/L	UJ	T06	No
SLA278689	PW46	10/22/24	ML-006	Ra-226	-0.154	0.204	0.649	pCi/L	UJ	T06	No
SLA278689	PW46	10/22/24	ML-015	U-234	71.8	8.58	0.34	pCi/L	=		No
SLA278689	PW46	10/22/24	ML-015	U-235	3.38	1.15	0.545	pCi/L	=		No
SLA278689	PW46	10/22/24	ML-015	U-238	68.8	8.27	0.339	pCi/L	=		No

VQs:

= - Indicates that the data met all QA/QC requirements, and that the parameter has been positively identified and the associated concentration value is accurate.

J - Indicates that the parameter was positively identified; the associated numerical value is the approximate concentration of the parameter in the sample.

U - Indicates that the data met all QA/QC requirements, and that the parameter was analyzed for but was not detected above the reported sample quantitation limit.

UJ - Indicates that the parameter was not detected above the reported sample quantitation limit and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. However, the reported quantitation limit is approximate.

Validation Reason Codes:

E01 - ICP and Furnace Requirements: Interference check sample recovery was outside the control limit.

E08 - ICP and Furnace Requirements: Professional judgement was used to qualify the data.

F01 - Blanks: Sample data were qualified as a result of the method blank.

T04 - Radionuclide Quantitation: Professional judgment was used to qualify the data.

T05 - Radionuclide Quantitation: Analytical result is less than the associated MDA, but greater than the counting uncertainty.

T06 - Radionuclide Quantitation: Analytical result is less than both the associated counting uncertainty and MDA.

T20 - Radionuclide Quantitation: Analytical result is greater than the associated MDA, with uncertainly 50 to 100 percent of the result.

APPENDIX G

CALCULATION OF THE RECORD OF DECISION GROUNDWATER EVALUATION GUIDELINES

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CALCULATION OF THE RECORD OF DECISION GROUNDWATER MONITORING GUIDELINES

This appendix briefly outlines the methodology used to develop the groundwater monitoring guidelines for select wells and analytes at the NC Sites. The development of these guidelines was necessary to meet the requirements of response-action monitoring and long-term monitoring specified in the ROD (USACE 2005). These requirements are also identified in the EMICY23 (USACE 2022). The results of these calculations are used in the EMDAR to evaluate groundwater monitoring data at the Latty Avenue Properties, the SLAPS, and the SLAPS VPs for CY 2024.

INTRODUCTION

Response-action monitoring is conducted for HZ-A and HZ-C groundwater at the NC Sites to assess if water quality has improved due to source removals or if groundwater conditions have significantly degraded. Based on the ROD, a significantly degraded groundwater condition requires all of the following:

- That soil COC concentrations have statistically increased in groundwater (relative to the well's historical data and accounting for uncertainty) for more than a 12-month period. Significantly increased concentrations are defined as doubling of an individual COC concentration above the UCL of the mean (based on the historical concentration before remedial activity) for a period of 12 months;
- That the degraded well is close enough to impact CWC; and
- That a significant degradation of CWC surface water is anticipated (USACE 2005).

In addition to the previous requirements, the ROD specifies that the maximum contaminant level for total U of 30 µg/L be used as a monitoring guideline for both response-action and long-term monitoring of groundwater. If groundwater monitoring indicates the presence of COCs at significantly increased concentrations and total U significantly above 30 µg/L, then an evaluation of potential response actions would be conducted.

METHODOLOGY

In order to evaluate groundwater for significant degradation, the UCL must be calculated using the historical groundwater data (i.e., data collected before remedial activity). The UCL is used to represent a historical average concentration for an analyte in a particular well. As stated in the USEPA's *Supplemental Guidance to RAGS: Calculating the Concentration Term,* "because of the uncertainty associated with estimating the true average concentration at a site, the UCL_{95} of the arithmetic mean should be used for this variable" (USEPA 1992). Based on the previously specified guidance, a 95 percent confidence interval was used in the UCL calculations.

Consistent with the ROD, UCL_{95} values for the soil COCs are used in the EMDAR to evaluate if concentrations have statistically increased in groundwater for more than a 12-month period. The soil COCs defined in the ROD include antimony, arsenic, barium, cadmium, chromium, molybdenum, nickel, selenium, thallium, total U, vanadium, Ra-226, Ra-228, Th-228, Th-230, Th-232, U-234, U-235, and U-238. Because the SLAPS well PW46 is a replacement well, pre-2006 data from PW38 were used to develop the groundwater monitoring guideline to compare with the PW46 results. PW46 was installed in April of 2006 near the former location of PW38 and is screened across the same interval. Similarly, pre-2006 data from HISS-06 and HISS-11 were used to develop the groundwater monitoring guidelines for the

two replacement wells (HISS-06A and HISS-11A) installed in CY 2011 at the HISS. For wells located in areas in which a response action has occurred, significant degradation is defined as occurring if the concentration of any COC in a recent sample from that well is double its UCL_{95}, and the total U is significantly above 30 µg/L. The ROD groundwater monitoring guideline for the soil COC for a particular well is defined as equivalent to two times the UCL_{95} value.

The dataset used for this evaluation was reduced prior to performing the statistical analysis. Filtered data, results qualified with an "R" designation, and QC samples were removed from each of the datasets. The analytical result was used when the VQ was assigned an "=" or a "J." For nondetect chemical data (i.e., the VQ was assigned a "U" or "UJ"), the value used in the UCL_{95} calculation was half the DL. For nondetect radiological data, the reported value was used, except in cases in which the value reported was negative. In those cases, a value of zero was substituted for the negative value.

RESULTS

The USEPA software package ProUCL Version 5.0 was used to calculate the UCL_{95} value. ProUCL computes parametric UCLs (for normal, lognormal, and gamma distributions) and nonparametric UCLs using several nonparametric methods (USEPA 2013). Based upon the data distribution and the associated skewness, ProUCL performs and recommends the appropriate UCL.

The UCL_{95} values are those recommended by ProUCL with the following exceptions.

- If the calculated UCL_{95} exceeded the maximum detected value, then the maximum detected value was used, as recommended in the USEPA's *Risk Assessment Guidance for Superfund Volume 1 Human Health Evaluation Manual (Part A)* (USEPA 1989c).
- If no values were detected for the COC in the historical database for that well, then the UCL_{95} was not determined. If only one value of the COC was detected, then the detected value was used.

The groundwater monitoring guidelines based on these UCL_{95} values are listed in Tables G-1 and G-2 for the Latty Avenue Properties, the SLAPS, and the SLAPS VPs, respectively.

Table G-1. ROD Monitoring Guidelines for Groundwater at the Latty Avenue Properties

Analyte Type	Soil COCs	HISS-01	HISS-06A[a]	HISS-09	HISS-10	HISS-11A[a]	HISS-14
Inorganics (µg/L)	Antimony	12	---	---	---	---	---
	Arsenic	---	---	---	---	5.2	---
	Barium	250	240	420	270	370	1,080
	Cadmium	---	---	---	1.4	---	---
	Chromium	13	2.2	---	2.4	7.0	---
	Molybdenum	23	40	22	5.6	4.8	---
	Nickel	20	34	21	3.8	20	11
	Selenium	570	770	19	7.6	---	610
	Thallium	4.6	---	---	---	---	5.8
	Total U	30	30	30	30	30	30
	Vanadium	37	31	17	16	---	250
Radionuclides (pCi/L)	Ra-226	5.3	---	---	---	16	4.2
	Th-228	1.9	2.4	3.2	3.4	3.4	2.0
	Th-230	4.2	7.0	7.4	6.0	5.0	21
	Th-232	---	1.8	---	0.2	---	---
	U-234	12	32	1.8	6.6	4.8	14
	U-235	---	4.2	---	---	---	---
	U-238	13	31	1.4	5.2	3.0	11

Table G-1. ROD Monitoring Guidelines for Groundwater at the Latty Avenue Properties (Continued)

Analyte Type	Soil COCs	HISS-17S	HISS-18S	HISS-19S	HW21	HW22	HW23
Inorganics (µg/L)	Antimony	---	---	7.4	---	---	4.6
	Arsenic	---	6.6	510	6.8	2.4	320
	Barium	500	410	1,200	3,700	460	810
	Cadmium	---	---	---	2.8	1.6	3.4
	Chromium	12	---	3.0	7.0	9.0	8.1
	Molybdenum	16	---	10	5.6	3.4	26
	Nickel	30	39	7.0	44	7.0	12
	Selenium	250	---	---	110	17	---
	Thallium	---	---	8.0	6.2	---	5.4
	Total U	30	30	30	30	30	30
	Vanadium	18	16	4.4	12	4.0	6.4
Radionuclides (pCi/L)	Ra-226	5.7	5.5	2.5	8.4	11	2.4
	Th-228	2.4	3.2	10	4.2	1.8	2.6
	Th-230	3.8	5.8	12	5.2	3.8	5.2
	Th-232	---	1.9	---	---	---	1.0
	U-234	8.2	8.2	---	24	6.4	3.8
	U-235	---	---	---	2.0	---	---
	U-238	5.6	3.7	---	16	5.4	3.2

[a] The ROD evaluation criteria for HISS-06A and HISS-11A were calculated using historical data from the previous wells at these locations (HISS-06 and HISS-11).

--- The analyte was not detected in the historical database, so a monitoring guideline was not developed.

Groundwater monitoring guideline = 2 x UCL_{95}

Total U monitoring guide = 30 µg/L.

Table G-2. ROD Monitoring Guidelines for Groundwater at the SLAPS and the SLAPS VPs

Analyte Type	Soil COCs	B53W01D	B53W01S	B53W06S	B53W07D	B53W07S	B53W09S	B53W13S	B53W17S	B53W18S
Inorganics (µg/L)	Antimony	---	---	105	5.0	---	---	---	---	---
	Arsenic	170	---	---	150	140	---	---	---	3.6
	Barium	840	390	190	730	530	630	510	450	1,200
	Cadmium	---	---	---	---	---	---	---	8.8	---
	Chromium	7.2	15	47	5.6	11	9.6	9.1	7.0	51
	Molybdenum	---	---	22	4.0	4.4	14	3.2	21	28
	Nickel	---	30	16	12	5.2	83	38	5.2	910
	Selenium	---	---	---	4.0	5.2	700	790	140	---
	Thallium	---	8.0	---	7.4	---	---	7.0	---	---
	Total U	30	30	30	30	30	30	30	30	30
	Vanadium	19	44	48	12	17	24	---	83	54
Radionuclides (pCi/L)	Ra-226	4.4	---	3.8	3.4	7.2	2.5	---	---	7.2
	Th-228	1.6	1.0	1.5	---	2.2	3.0	4.4	3.8	7.0
	Th-230	5.8	2.9	3.9	4.4	4.0	5.0	6.0	5.6	8.0
	Th-232	---	---	---	---	---	---	---	---	1.4
	U-234	3.4	8.2	66	3.6	11	18	13	5.4	4.5
	U-235	---	---	2.9	---	---	6.1	---	4.4	---
	U-238	2.7	2.7	57	4.6	8.2	13	10	4.2	3.4

Table G-2. ROD Monitoring Guidelines for Groundwater at the SLAPS and the SLAPS VPs (Continued)

Analyte Type	Soil COCs	B53W19S	MW31-98	MW32-98	PW35	PW36	PW42	PW43	PW44	PW45	PW46[a]
Inorganics (µg/L)	Antimony	---	---	---	---	---	---	---	---	---	---
	Arsenic	36	---	5.8	90	220	280	53	13	---	7.0
	Barium	510	1,300	700	3,300	1,500	670	260	260	610	250
	Cadmium	0.7	3.8	3.8	0.6	---	0.8	---	---	---	1.2
	Chromium	290	4.6	5.6	16	3.2	52	3.5	---	---	37
	Molybdenum	130	35	3.0	32	8.0	6.0	6.4	12	1,500	2.2
	Nickel	1,100	7.8	4.0	35	13	28	3.6	---	67	3.4
	Selenium	4.2	390	740	2.8	3.8	---	---	---	7,200	710
	Thallium	7.7	---	9.8	7.4	14	7.6	---	---	---	---
	Total U	30	30	30	30	30	30	30	30	30	30
	Vanadium	36	110	54	35	13	12	3.1	---	---	67
Radionuclides (pCi/L)	Ra-226	1.4	3.4	1.6	8.0	2.0	4.0	6.1	1.8	2.4	22
	Th-228	5.2	4.6	1.4	2.6	2.6	1.6	2.4	3.4	2.5	2.1
	Th-230	6.0	4.0	4.0	4.1	3.6	3.4	2.6	12	5.8	60
	Th-232	2.2	---	0.4	2.3	---	---	---	---	---	7.0
	U-234	2.4	7.0	21	4.3	3.2	9.0	29	4.7	79	5,500
	U-235	---	5.9	9.4	---	---	---	2.2	---	3.0	290
	U-238	1.8	5.7	19	4.7	4.9	6.6	26	3.4	64	5,600

[a] The ROD evaluation criteria for PW46 were calculated using historical data from the previous well at this location (PW38).

--- The analyte was not detected in the historical database, so a monitoring guideline was not developed.

Groundwater monitoring guideline = 2 x UCL_{95}

Total U monitoring guide = 30 µg/L.

APPENDIX H

WELL MAINTENANCE CHECKLISTS FOR THE ANNUAL GROUNDWATER MONITORING WELL INSPECTIONS AND FIELD LOGBOOKS FOR ENVIRONMENTAL MONITORING CONDUCTED IN CALENDAR YEAR 2024

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ATTACHMENT H-1

CALENDAR YEAR 2024 WELL MAINTENANCE CHECKLISTS

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CALENDAR YEAR 2024 WELL MAINTENANCE CHECKLISTS FOR THE HAZELWOOD INTERIM STORAGE SITE

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Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 0956

Monitoring Well Station Identification: HISS-01 ☐SLAPS ☐SLDS ☒HISS

		Yes	No	N/A
1.	Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2.	Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3.	Is well accessible? *	☒	☐	☐
4.	Is well covered/surrounded by vegetation?	☒	☐	☐
5.	Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6.	Is the weep hole open? If not, clear blockage.	☒	☐	☐
7.	Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8.	Is the riser casing dented or damaged?	☐	☒	☐
9.	Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10.	Does the pad move?	☐	☒	☐
11.	Are there gaps between pad and well casing?	☐	☒	☐
12.	Are there signs of erosion around the well or pad?	☐	☒	☐
13.	Is riser cap present?	☒	☐	☐
14.	Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
15.	Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16.	Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17.	Do the locks work properly?	☒	☐	☐
18.	Are the locks rusted?	☐	☒	☐
19.	Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20.	Is TOC elevation mark clearly visible?	☒	☐	☐
21.	Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22.	Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Note: Area is routinely vegetated and surrounded by clutter.

*Property owner should be contacted to address.

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 1014

Monitoring Well Station Identification: HISS-06A ☐SLAPS ☐SLDS ☒HISS

		Yes	No	N/A
1.	Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2.	Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3.	Is well accessible?	☒	☐	☐
4.	Is well covered/surrounded by vegetation?	☐	☒	☐
5.	Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6.	Is the weep hole open? If not, clear blockage.	☒	☐	☐
7.	Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8.	Is the riser casing dented or damaged?	☐	☒	☐
9.	Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10.	Does the pad move?	☐	☒	☐
11.	Are there gaps between pad and well casing?	☐	☒	☐
12.	Are there signs of erosion around the well or pad?	☐	☒	☐
13.	Is riser cap present?	☒	☐	☐
14.	Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
15.	Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16.	Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17.	Do the locks work properly?	☒	☐	☐
18.	Are the locks rusted?	☐	☒	☐
19.	Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20.	Is TOC elevation mark clearly visible?	☒	☐	☐
21.	Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22.	Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 0940

Monitoring Well Station Identification: HISS-10 ☐SLAPS ☐SLDS ☒HISS

		Yes	No	N/A
1.	Is well identification number visible on outer casing for a stick up well?	☐	☒	☐
2.	Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3.	Is well accessible?*	☒	☐	☐
4.	Is well covered/surrounded by vegetation?	☒	☐	☐
5.	Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6.	Is the weep hole open? If not, clear blockage.	☒	☐	☐
7.	Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8.	Is the riser casing dented or damaged?	☐	☒	☐
9.	Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10.	Does the pad move?	☐	☒	☐
11.	Are there gaps between pad and well casing?	☐	☒	☐
12.	Are there signs of erosion around the well or pad?	☐	☒	☐
13.	Is riser cap present?	☒	☐	☐
14.	Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15.	Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16.	Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17.	Do the locks work properly?	☒	☐	☐
18.	Are the locks rusted?	☐	☒	☐
19.	Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20.	Is TOC elevation mark clearly visible?	☒	☐	☐
21.	Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22.	Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Note: This location is routinely surrounded by clutter making access difficult and somewhat dangerous.

*Property owner should be contacted to address.

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 0948

Monitoring Well Station Identification: HISS-11A ☐SLAPS ☐SLDS ☒HISS

		Yes	No	N/A
1.	Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2.	Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3.	Is well accessible? *	☒	☐	☐
4.	Is well covered/surrounded by vegetation?	☒	☐	☐
5.	Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6.	Is the weep hole open? If not, clear blockage.	☒	☐	☐
7.	Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8.	Is the riser casing dented or damaged?	☐	☒	☐
9.	Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10.	Does the pad move?	☐	☒	☐
11.	Are there gaps between pad and well casing?	☐	☒	☐
12.	Are there signs of erosion around the well or pad?	☐	☒	☐
13.	Is riser cap present?	☒	☐	☐
14.	Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15.	Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16.	Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17.	Do the locks work properly?	☒	☐	☐
18.	Are the locks rusted?	☐	☒	☐
19.	Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20.	Is TOC elevation mark clearly visible?	☒	☐	☐
21.	Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22.	Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Note: This location consistently has cargo trailers lined up to inhibit access. The trailers also come to close to the well location

*Property owner should be contacted to address.

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 0935

Monitoring Well Station Identification: HISS-17S ☐SLAPS ☐SLDS ☒HISS

		Yes	No	N/A
1.	Is well identification number visible on outer casing for a stick up well?	☐	☒	☐
2.	Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3.	Is well accessible?	☒	☐	☐
4.	Is well covered/surrounded by vegetation?	☐	☒	☐
5.	Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6.	Is the weep hole open? If not, clear blockage.	☒	☐	☐
7.	Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☒	☐	☐
8.	Is the riser casing dented or damaged?	☐	☒	☐
9.	Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10.	Does the pad move?	☐	☒	☐
11.	Are there gaps between pad and well casing?	☐	☒	☐
12.	Are there signs of erosion around the well or pad?	☐	☒	☐
13.	Is riser cap present?	☒	☐	☐
14.	Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15.	Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16.	Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17.	Do the locks work properly?	☒	☐	☐
18.	Are the locks rusted?	☐	☒	☐
19.	Does surface water flow away from well casing (i.e., no ponding)?	☐	☒	☐
20.	Is TOC elevation mark clearly visible?	☒	☐	☐
21.	Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22.	Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 0931

Monitoring Well Station Identification: HISS-19S ☐SLAPS ☐SLDS ☒HISS

		Yes	No	N/A
1.	Is well identification number visible on outer casing for a stick up well?	☐	☐	☒
2.	Is well identification visible on top of well casing for flush mount well?	☐	☒	☐
3.	Is well accessible?	☒	☐	☐
4.	Is well covered/surrounded by vegetation?	☐	☒	☐
5.	Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6.	Is the weep hole open? If not, clear blockage.	☐	☐	☒
7.	Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8.	Is the riser casing dented or damaged?	☐	☒	☐
9.	Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10.	Does the pad move?	☐	☒	☐
11.	Are there gaps between pad and well casing?	☐	☒	☐
12.	Are there signs of erosion around the well or pad?	☐	☒	☐
13.	Is riser cap present?	☒	☐	☐
14.	Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
15.	Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
16.	Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17.	Do the locks work properly?	☒	☐	☐
18.	Are the locks rusted?	☐	☒	☐
19.	Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20.	Is TOC elevation mark clearly visible?	☒	☐	☐
21.	Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22.	Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 1020

Monitoring Well Station Identification: HW-22 ☐SLAPS ☐SLDS ☒HISS

		Yes	No	N/A
1.	Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2.	Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3.	Is well accessible?	☒	☐	☐
4.	Is well covered/surrounded by vegetation?	☐	☒	☐
5.	Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6.	Is the weep hole open? If not, clear blockage.	☒	☐	☐
7.	Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8.	Is the riser casing dented or damaged?	☐	☒	☐
9.	Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10.	Does the pad move?	☐	☒	☐
11.	Are there gaps between pad and well casing?	☐	☒	☐
12.	Are there signs of erosion around the well or pad?	☐	☒	☐
13.	Is riser cap present?	☒	☐	☐
14.	Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15.	Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16.	Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17.	Do the locks work properly?	☒	☐	☐
18.	Are the locks rusted?	☐	☒	☐
19.	Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20.	Is TOC elevation mark clearly visible?	☒	☐	☐
21.	Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22.	Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 1022

Monitoring Well Station Identification: HW-23 ☐SLAPS ☐SLDS ☒HISS

		Yes	No	N/A
1.	Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2.	Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3.	Is well accessible?	☒	☐	☐
4.	Is well covered/surrounded by vegetation?	☐	☒	☐
5.	Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6.	Is the weep hole open? If not, clear blockage.	☒	☐	☐
7.	Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8.	Is the riser casing dented or damaged?	☐	☒	☐
9.	Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10.	Does the pad move?	☐	☒	☐
11.	Are there gaps between pad and well casing?	☐	☒	☐
12.	Are there signs of erosion around the well or pad?	☐	☒	☐
13.	Is riser cap present?	☒	☐	☐
14.	Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15.	Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16.	Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17.	Do the locks work properly?	☒	☐	☐
18.	Are the locks rusted?	☐	☒	☐
19.	Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20.	Is TOC elevation mark clearly visible?	☒	☐	☐
21.	Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22.	Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

CALENDAR YEAR 2024 WELL MAINTENANCE CHECKLISTS FOR THE ST. LOUIS AIRPORT SITE AND ST. LOUIS AIRPORT SITE VICINITY PROPERTIES

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Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 0913

Monitoring Well Station Identification: B53W01D ☒SLAPS ☐SLDS ☐HISS

		Yes	No	N/A
1.	Is well identification number visible on outer casing for a stick up well?	☐	☒	☐
2.	Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3.	Is well accessible?	☒	☐	☐
4.	Is well covered/surrounded by vegetation?	☐	☒	☐
5.	Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6.	Is the weep hole open? If not, clear blockage.	☒	☐	☐
7.	Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☒	☐	☐
8.	Is the riser casing dented or damaged?	☐	☒	☐
9.	Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10.	Does the pad move?	☐	☒	☐
11.	Are there gaps between pad and well casing?	☐	☒	☐
12.	Are there signs of erosion around the well or pad?	☐	☒	☐
13.	Is riser cap present?	☒	☐	☐
14.	Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15.	Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16.	Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17.	Do the locks work properly?	☒	☐	☐
18.	Are the locks rusted?	☐	☒	☐
19.	Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20.	Is TOC elevation mark clearly visible?	☒	☐	☐
21.	Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22.	Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Paint top of outer casing

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 0914

Monitoring Well Station Identification: B53W01S ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☐	☒	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Paint top of outer casing

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0903

Monitoring Well Station Identification: B53W06S ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☐	☐	☒
2. Is well identification visible on top of well casing for flush mount well?	☒	☐	☐
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☐	☐	☒
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☒	☐	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Needs painting

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0902

Monitoring Well Station Identification: B53W07D ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0901

Monitoring Well Station Identification: B53W07S ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0857

Monitoring Well Station Identification: B53W09S ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☒	☐	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Clear Vegetation

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0911

Monitoring Well Station Identification: B53W17S ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0909

Monitoring Well Station Identification: MW31-98 ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☐	☒	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Area needs to be graded. Potential for ponding around well casing.

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0904

Monitoring Well Station Identification: MW32-98 ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☐	☒	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Needs grading. The area is ponding since the area has been reworked for soil storage.

Well Maintenance Checklist

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 0902

Monitoring Well Station Identification: PW35 ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☐	☐	☒
2. Is well identification visible on top of well casing for flush mount well?	☐	☒	☐
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☒	☐	☐
6. Is the weep hole open? If not, clear blockage.	☐	☐	☒
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☐	☒	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☒	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/2/2024 Time: 0903

Well Maintenance Checklist

Monitoring Well Station Identification: PW36 ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☐	☐	☒
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0855

Well Maintenance Checklist

Monitoring Well Station Identification: PW42 ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☒	☐	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D, Marking

Lubricate Lock

Clear Vegetation

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0859

Well Maintenance Checklist

Monitoring Well Station Identification: PW43 ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D Marking

Lubricate Lock

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0919

Well Maintenance Checklist

Monitoring Well Station Identification: PW44 ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0916

Well Maintenance Checklist

Monitoring Well Station Identification: PW45 ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

Name of Observer(s): L. Hoover and B. Kohlfeld Date: 7/8/2024 Time: 0915

Well Maintenance Checklist

Monitoring Well Station Identification: PW46 ☒SLAPS ☐SLDS ☐HISS

	Yes	No	N/A
1. Is well identification number visible on outer casing for a stick up well?	☒	☐	☐
2. Is well identification visible on top of well casing for flush mount well?	☐	☐	☒
3. Is well accessible?	☒	☐	☐
4. Is well covered/surrounded by vegetation?	☐	☒	☐
5. Is there standing water or debris inside well casing? If so, remove water.	☐	☒	☐
6. Is the weep hole open? If not, clear blockage.	☒	☐	☐
7. Is the protective casing dented, damaged, rusted, or covered in other matter (i.e., bird droppings)?	☐	☒	☐
8. Is the riser casing dented or damaged?	☐	☒	☐
9. Is the concrete pad intact (free of cracks, chips, etc.)?	☒	☐	☐
10. Does the pad move?	☐	☒	☐
11. Are there gaps between pad and well casing?	☐	☒	☐
12. Are there signs of erosion around the well or pad?	☐	☒	☐
13. Is riser cap present?	☒	☐	☐
14. Do the wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☒	☐	☐
15. Do the flush mount wells in the Mississippi River and Coldwater Creek floodplain have a properly working pressure cap?	☐	☐	☒
16. Is the well secure (shut properly or locked, if applicable)?	☒	☐	☐
17. Do the locks work properly?	☒	☐	☐
18. Are the locks rusted?	☐	☒	☐
19. Does surface water flow away from well casing (i.e., no ponding)?	☒	☐	☐
20. Is TOC elevation mark clearly visible?	☒	☐	☐
21. Has there been a change in land use that impacts the well? If yes, describe in comment section.	☐	☒	☐
22. Will the well need any type of attention before the next groundwater surface measurement? If yes, describe in comment section.	☒	☐	☐

Comments for "NO" responses/Any other observations regarding well.

Well I.D. Marking

Lubricate Lock

ATTACHMENT H-2

CALENDAR YEAR 2024 FIELD LOGBOOKS FOR ENVIRONMENTAL MONITORING

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COC: LEΦ2152Φ24-Φ5ML
LEΦ2152Φ24-Φ6TA

DATE: 2/13/24

FIELD CREW: Lon Hoover & Jared King Witness: none

WEATHER: Mostly Sunny, 41°F

WELL ID: HISS-175 SAMPLE ID: HIS273499

TOTAL DEPTH: 22.6' WELL DIAMETER: 4"

SCREEN INTERVAL: 12.3'-22.3' MIDDLE OF SCREEN: 17.3'

STARTING WATER LEVEL: 7.Φ6' FINAL WATER LEVEL: 7.78'

EVACUATION METHOD: Micro purging with Peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228, & Peristaltic pump = 014ΦΦ5132

PURGE START TIME: Φ938 PURGE END TIME: 1211 TOTAL VOLUME PURGED: 38,39Φ mL

SAMPLE START TIME: 1211 SAMPLE END TIME: 1221

64Φ mL removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ (mS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ94Φ	25Φ	64Φ	7.3Φ	Φ.488	Φ.7	6.Φ3	12.29	4Φ	7.35
Φ943		139Φ	7.51	Φ.484	Φ.7	5.Φ3	12.19	3Φ	7.42
Φ946		214Φ	7.61	Φ.483	Φ.4	4.79	12.14	31	7.5Φ
Φ949		289Φ	7.7Φ	Φ.481	Φ.8	4.63	12.13	34	7.53
Φ952		364Φ	7.76	Φ.48Φ	Φ.4	4.57	12.12	37	7.57
1ΦΦ7		739Φ	7.86	Φ.48Φ	Φ.5	4.35	12.18	67	7.67
1Φ22		1114Φ	7.9Φ	Φ.48Φ	Φ.5	4.21	12.31	91	7.71
1Φ37		1489Φ	7.91	Φ.48Φ	Φ.4	4.1Φ	12.41	1Φ8	7.75
1Φ52		1864Φ	7.92	Φ.479	Φ.3	3.93	12.51	122	7.77
1Φ7		2239Φ	7.92	Φ.478	Φ.5	3.79	12.55	131	7.78
1122		26,14Φ	7.91	Φ.478	Φ.6	3.7Φ	12.51	138	7.78
1138		3Φ14Φ	7.91	Φ.477	Φ.3	3.55	12.44	143	7.78
1154		3414Φ	7.9Φ	Φ.475	Φ.2	3.38	12.48	142	7.78
1211		~~3814Φ~~ 38390	7.89	Φ.475	Φ.3	3.28	12.52	144	7.78

Recorded By: 2/13/24 QA: 3-5-24

COC: LEΦ2152Φ24-Φ7ML
LEΦ2152Φ24-Φ8TA

DATE: 2/13/24

FIELD CREW: Lon Hoover & Jared King Witness: none

WEATHER: Mostly Sunny, 56°F

WELL ID: PW44 SAMPLE ID: SLA 273576

TOTAL DEPTH: 2Φ.1' WELL DIAMETER: 2"

SCREEN INTERVAL: 1Φ.1'-2Φ.1' MIDDLE OF SCREEN: 15.1'

STARTING WATER LEVEL: 4.59' FINAL WATER LEVEL: 8.74'

EVACUATION METHOD: Micro purging w/ peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228, & Peristaltic pump = 014ΦΦ5132

PURGE START TIME: 13Φ1 PURGE END TIME: 14ΦΦ TOTAL VOLUME PURGED: 9675 mL

SAMPLE START TIME: 14ΦΦ SAMPLE END TIME: 142Φ

mL removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
13Φ1	15Φ	825	7.61	Φ.846	6.1	5.12	13.16	155	5.57
13Φ4		1275	7.58	Φ.856	5.4	4.31	12.89	155	5.91
13Φ7		1725	7.57	Φ.857	7.5	4.Φ6	12.84	155	6.22
131Φ		2175	7.56	Φ.859	6.1	3.88	12.81	155	6.48
132Φ		3675	7.55	Φ.86Φ	6.2	3.53	12.96	154	7.15
133Φ		5175	7.55	Φ.861	3.5	3.29	13.01	152	7.67
134Φ		6675	7.55	Φ.86Φ	3.2	3.19	13.02	151	8.Φ3
135Φ		8175	7.54	Φ.861	3.2	2.99	13.Φ4	151	8.31
14ΦΦ		9675	7.53	Φ.860	2.2	2.86	13.Φ5	152	8.52

ZH 2-17-24

Recorded By: 2/13/24 QA: 3-5-24

DATE: 1/5/24

FIELD CREW: Lou Hoover & Nathan Gross Witness: none

ZH 1.5.24

WEATHER: Mostly Cloudy, 35°F

ZH 1.5.24

DAILY TASK ACTIVITY: 1050 - Meet at SLAPS to calibrate Horiba and load equipment for surface water sampling at CWC HSD-A for Rad & metals

1130 - Arrive at CWC HSD-A and prepar to collect water quality measurements.

1150 - Begin collecting samples directly from creek.

1200 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

ZH 1.5.24

Recorded By: Lou Hoover 1/5/24 QA: [signature] 1/16/24

DATE: 2/9/24

FIELD CREW: Lou Hoover & Jared King Witness: none

ZH 2.9.24

WEATHER: Overcast, 45°F

ZH 2.9.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to load equipment for SLAPS / North County well guaging.

0845 - Begin comprehensive guaging of North County wells:

HISS-175 = 6.33

HISS - 10 = 5.54

HISS-11A = 12.63

HISS - 01 = 7.61

HISS = 06A = 7.63

HW23 = 9.68

HW22 = 13.62

HISS/95 = 14.44

BS3W065 = 16.34

BS3W075 = 20.29

BS3W070 = 10.81

PW43 = 17.01

MW32-98 = 17.07

MW31-98 = 15.61

BS3W095 = 16.91

PW42 = 10.49

BS3W175 = 12.85

PW36 = 9.97

PW35 = 10.11

BS3W015 = 10.58

BS3W015 = 12.70

PW46 = 11.34

PW44 = 4.06

PW45 = 7.07

Recorded By: [signature] 2/9/24 QA: [signature] 3-5-24

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Recorded By:_____ QA:_____

DATE: 2/14/24

FIELD CREW: Lon Hoover & Jared King witness: none

JH 2.14.24

WEATHER: Mostly Sunny, 39°F

JH 2.14.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horibas and load equipment for ground water monitoring.
0915 - Arrive at HISS-01 and prepare to sample for Rad. & metals.
Well Volume = 25' - 7.79' = 17.2 x 0.65 = 11.18g x 3785 = 42,328mL.
0920 - Begin pumping HISS-01 at 150mL/min.
0924 - Adjusted pump rate to 300 mL/min.
0927 - Begin purging of HISS-10.
1146 - Begin sampling of HISS-10.
1200 - Complete sampling and return to SLAPS to secure samples and off-load equipment.

JH 2.14.24

Recorded By: Lon G. Hoover 2/14/24 QA: 2.22.24

DATE: 2/15/24

FIELD CREW: Lon Hoover & Jared King Witness: none

ZH 2.15.24

WEATHER: Mostly Cloudy, 48°F

ZH 2.15.24

DAILY TASK ACTIVITY: 0800 – Meet at SLAPS to calibrate Horibas and load equipment for ground water sampling.

0920 – Arrive at HISS-11A and prepare to sample for Rad.'s metals.

0932 – Begin pumping of HISS-11A at 100 mL/min.

1 well volume (HISS-11A) = 23.5' – 13.13' = 10.37 x 0.16 = 1.65g x 3785 = 6245 mL

0937 – Begin purging of HISS-11A.

1024 – Begin sampling of HISS-11A.

1100 – Arrive at HISS-10 to sample for Rad.'s metals.

1 well volume (HISS-10) = 25.7' – 6.23' = 19.47 x 0.16 = 3.12g x 3785 = 11809 mL

1105 – Begin pumping of HISS-10 at 150 mL/min.

1110 – Adjust flow rate to 300 mL/min.

1113 – Begin purging of HISS-10.

1148 – Complete purging and begin sampling of HISS-10

1155 – Complete sampling of HISS-10 and return to SLAPS to secure samples and off-load equipment.

Recorded By: Jon S. Hoover 2/15/24 QA: 2.22.24

COC: LE0215204-11ML
LE0215204-12TA

DATE: 2/14/24

FIELD CREW: Lon Hoover & Jared King Witness: none

WEATHER: Mostly Sunny, 39°F

WELL ID: HISS-01 SAMPLE ID: HIS 273495 ZH 2.14.24

TOTAL DEPTH: 25' WELL DIAMETER: 4"

SCREEN INTERVAL: 19'-24' MIDDLE OF SCREEN: 21.5'

STARTING WATER LEVEL: 7.79' FINAL WATER LEVEL: 8.55'

EVACUATION METHOD: Micro purging w/ peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW103199, WLI = GLW103288, & Peristaltic pump = 01400 5132

PURGE START TIME: 0927 PURGE END TIME: ~~1126~~ 1146 ZH 2.14.24 TOTAL VOLUME PURGED: 43,500 mL

SAMPLE START TIME: 1146 SAMPLE END TIME: 1200

* mL removed before purging began **FIELD PARAMETERS**

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (µS/cm) ZH 2.14.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0927	300	1800	6.80	1.31	0.6	13.35	13.32	189	8.14
0930		2700	7.17	1.32	0.5	9.37	13.12	165	8.27
0933		3600	7.41	1.31	0.4	8.92	13.01	156	8.34
0936		4500	7.50	1.31	0.2	8.68	13.03	151	8.38
0956		10500	7.66	1.29	0.2	7.90	13.10	153	8.47
1016		16500	7.68	1.26	0.2	7.37	13.29	159	8.50
1036		22500	7.66	1.27	0.1	6.94	13.33	164	8.51
1056		28500	7.65	1.27	0.1	6.50	13.58	167	8.53
1116		34500	7.63	1.26	0.0	6.14	13.56	169	8.54
1136		40500	7.61	1.26	0.0	5.88	13.58	171	8.54
1146		43500	7.60	1.25	0.0	5.78	13.49	171	8.55

2.14.24 ZH

Recorded By: Jon S. Hoover 2/14/24 QA: 2.22.24

COC: LEΦ2152Φ24-1SML
LEΦ2152Φ24-16TA

DATE: 2/15/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Mostly Cloudy, 48°F

WELL ID: HISS-11A SAMPLE ID: HIS273498

TOTAL DEPTH: 23.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 18'-23' MIDDLE OF SCREEN: 21.5'

STARTING WATER LEVEL: 13.13' FINAL WATER LEVEL: 15.29'

EVACUATION METHOD: Micro purging w/ peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3288, WLI = GLW1Φ3199,
peristaltic pump = D14ΦΦ5132 JK 2.15.24

PURGE START TIME: Φ938 PURGE END TIME: 1Φ24 TOTAL VOLUME PURGED: 626Φ mL

SAMPLE START TIME: 1Φ24 SAMPLE END TIME: 1Φ4Φ

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (~~µS/cm~~) JK 2.15.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ939	12Φ	86Φ*	7.Φ2	Φ.771	3.8	5.72	14.69	148	13.85
Φ942	↓	122Φ	7.26	Φ.773	4.8	3.4Φ	14.68	132	14.21
Φ945		158Φ	7.34	Φ.774	4.2	3.Φ5	14.7Φ	126	14:37
Φ948		194Φ	7.37	Φ.766	4.Φ	2.82	14.69	124	14.51
Φ951		23ΦΦ	7.39	Φ.765	8.1	2.62	14.72	124	14.6Φ
Φ954		266Φ	7.41	Φ.764	4.4	2.5Φ	14.8Φ	124	14.69
1Φ4		386Φ	7.43	Φ.764	3.6	2.16	14.6Φ	125	14.86
1Φ14		5Φ6Φ	7.43	Φ.767	2.7	1.89	14.64	127	14.95
1Φ24	↓	626Φ	7.44	Φ.767	2.3	1.65	14.46	127	15.Φ2
			ZH	2.15.24					

Recorded By: Lou Hoover 2/15/24 QA: BZ 2.22.24
BZ 2.22.24

COC: LEΦ2152Φ24-1SML
LEΦ2152Φ24-16TA

DATE: 2/15/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Mostly Cloudy, 51°F

WELL ID: HISS-1Φ SAMPLE ID: HIS273497

TOTAL DEPTH: 25.7' WELL DIAMETER: 2"

SCREEN INTERVAL: 18.7'-23.4' MIDDLE OF SCREEN: 21.1'

STARTING WATER LEVEL: 6.23 FINAL WATER LEVEL: 7.29'

EVACUATION METHOD: Micro purging w/ peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3288,
peristaltic pump = D14ΦΦ5132

PURGE START TIME: 1113 PURGE END TIME: 1148 TOTAL VOLUME PURGED: 1215Φ mL

SAMPLE START TIME: 1148 SAMPLE END TIME: 1155

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (~~µS/cm~~) JK 2.15.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1113	3ΦΦ	165Φ*	7.4Φ	1.3Φ	1.9	4.78	13.92	168	7.Φ9
1116	~~455Φ~~	255Φ	7.45	1.29	1.5	3.38	13.7Φ	166	7.16
1119	345Φ ZH	345Φ	7.44	1.29	1.6	2.82	13.66	165	7.19
1122	435Φ 2.15.24	435Φ	7.43	1.29	1.5	2.5Φ	13.62	164	7.21
1125	↓525Φ	525Φ	7.42	1.29	1.2	2.21	13.7Φ	162	7.21
1135	3ΦΦ	825Φ	7.41	1.29	1.4	1.55	13.72	159	7.23
1145	↓	1125Φ	7.41	1.28	1.9	1.15	13.78	155	7.27
1148		1215Φ	7.41	1.28	1.4	1.Φ4	13.8Φ	153	7.27
				ZH		2.15.24			

Recorded By: Lou Hoover 2/15/24 QA: 2.22.24

DATE: 2/19/24

FIELD CREW: Lon Hoover, Saied King, & Brad Kohlfeld

ZH | 2.19.24

WEATHER: Mostly Sunny, 46°F

ZH | 2.19.24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAPS to calibrate Horibas and load equipment for ground water sampling.

1030 - Arrive at HISS-195 to sample for Rad.'s & metals.

1 well volume (HISS-195) = 29.6' - 14.53' = 15.07 x 0.65 = 9.8 gal x 3785 = 37,093 mL.

1052 - Begin pumping of HISS-195 at 110 mL/min.

1105 - Adjusted water/pump rate to 250 mL/min.

1106 - Begin purging of HISS-195.

1328 - Begin sampling of HISS-195.

1338 - Complete sampling of HISS-195 and return to SLAPS to secure samples and off-load equipment.

2.19.24

ZH

Recorded By: Jan E. Hoover 2/19/24

QA: 2.22.24

DATE: 2/20/24

FIELD CREW: Lon Hoover, Saied King, & Brad Kohlfeld Witness: none

JH 2.20.24

WEATHER: Partly Sunny, 51°F

ZH | 2.20.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horibas and load equipment for ground water sampling for Rad.'s & metals.

0930 - Arrive at B53W015 and set up to sample. JH 2.20.24

1 well volume (B53W015) = 28.5' - 12.93' = 15.57 x 0.16 = 2.5 gal x 3785 = 9463 mL

0947 - Begin pumping of B53W015 at 200 mL/min.

0953 - Begin purging of B53W015.

1037 - Begin sampling of ~~B~~B53W015. BK-2.22.24

1045 - Complete sampling of B53W015 and break for lunch.

1148 - Arrive at HISS-06A and setup to sample for Rad.'s & metals.

1 well volume (HISS-06A) 23.3' - 7.90' = 15.4 x 0.16 = 2.5 gal x 3785 = 9463 mL

1155 - Begin pumping HISS-06A at 150 mL/min.

1200 - Begin purging of HISS-06A.

1301 - Complete sampling of HISS-06A and return to SLAPS to secure samples and off-load equipment.

Recorded By: Jan E. Hoover 2/20/24

QA: 2.22.24

COC: LE0222024-05ML
LE0222024-06TA

DATE: 2/19/24

FIELD CREW: Lon Hoover, Jared King, & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 46°F

WELL ID: HISS-195 SAMPLE ID: HIS273500

TOTAL DEPTH: 29.6' WELL DIAMETER: 4"

SCREEN INTERVAL: 14.3' - 24.3' MIDDLE OF SCREEN: 19.3'

STARTING WATER LEVEL: 14.53' FINAL WATER LEVEL: 18.62'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW103199, WLI = GLW103288,
Peristaltic pump = 014005132

PURGE START TIME: 1106 PURGE END TIME: 1328 TOTAL VOLUME PURGED: 3746 mL

SAMPLE START TIME: 1328 SAMPLE END TIME: 1338

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (~~µS/cm~~) x1000	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1106	250	1960*	6.99	1.004	75.5	2.62	14.69	-5	14.95
1109		2710	7.11	1.004	53.3	1.34	14.61	-71	15.09
1112		3460	7.13	1.004	35.7	1.10	14.55	-81	15.19
1115		4210	7.15	1.004	25.7	0.94	14.50	-86	15.28
1118		4960	7.16	1.004	22.6	0.82	14.50	-89	15.38
1138		9960	7.18	1.004	14.3	0.46	14.52	-94	15.91
1158		14960	7.19	1.004	10.2	0.34	14.49	-92	16.45
1218		19960	7.20	1.003	8.9	0.28	14.53	-89	16.90
1238		24960	7.20	1.002	8.1	0.23	14.57	-86	17.50
1258		29960	7.21	1.001	8.6	0.24	14.60	-80	17.94
1318		34960	7.22	0.998	8.4	0.26	14.64	-76	18.33
1328		37460	7.22	0.997	8.3	0.27	14.58	-75	18.51
						2.19.24			
					2H				

Recorded By: Lon G. Hoover 2/19/24 QA: 2.22.24

COC: LE0222024-09ML
LE0222024-10TA

DATE: 2/20/24

FIELD CREW: Lon Hoover, Jared King, & Brad Kohlfeld Witness: none

WEATHER: Partly Sunny, 51°F

WELL ID: B53W015 SAMPLE ID: SVP273504

TOTAL DEPTH: 28.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 22.5' - 25.7' MIDDLE OF SCREEN: 25.1'

STARTING WATER LEVEL: 12.93' FINAL WATER LEVEL: 14.22'

EVACUATION METHOD: Micro purging with Peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW103199, WLI = GLW103288
Peristaltic Pump = 014005132

PURGE START TIME: 0953 PURGE END TIME: 1037 TOTAL VOLUME PURGED: 9600 mL

SAMPLE START TIME: 1037 SAMPLE END TIME: 1045

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (~~µS/cm~~) x1000	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0953	200	1200*	6.84	0.938	11.9	13.00	14.27	216	13.59
0956		1800	7.05	0.914	6.3	3.41	14.12	201	13.79
0959		2400	7.11	0.907	5.1	3.19	14.04	197	13.89
1002		3000	7.14	0.922	3.0	3.01	14.02	195	13.95
1005		3600	7.15	0.914	2.1	2.74	14.04	195	14.01
1008		3800	7.15	0.925	2.2	2.49	14.07	195	14.04
1011		4400	7.15	0.926	2.0	2.24	14.11	195	14.08
1014		5000	7.15	0.933	2.2	2.02	14.15	195	14.12
1019		6000	7.15	0.928	1.7	1.77	14.18	195	14.17
1024		7000	7.15	0.934	1.0	1.62	14.20	195	14.18
1029		8000	7.15	0.936	1.3	1.48	14.21	195	14.20
1034		9000	7.15	0.940	0.5	1.32	14.19	195	14.21
1037		9600	7.15	0.948	0.6	1.26	14.20	194	14.22
						2H			
						2.20.24			

Recorded By: Lon G. Hoover 2/20/24 QA: 2.22.24

COC: LE02222024-11ML
LE02222024-12TA

DATE: 2/20/24

FIELD CREW: Lou Hoover & Brad KohlFeld

WEATHER: Mostly Sunny, 58°F

WELL ID: HIS-06A SAMPLE ID: HIS273496

TOTAL DEPTH: 23.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 17.8'-22.8' MIDDLE OF SCREEN: 20.3'

STARTING WATER LEVEL: 7.90 FINAL WATER LEVEL: 8.25'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba= GLW03199, WLI= GLW03288,
Peristaltic pump = D0005132

PURGE START TIME: 1200 PURGE END TIME: 1252 TOTAL VOLUME PURGED: 9725mL

SAMPLE START TIME: 1252 SAMPLE END TIME:

* mL removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm) (~~uS/cm~~)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1200	150	750*	7.42	1.38	56.0	7.36	15.04	205	8.17
1203	↓	1200	7.41	1.38	50.9	3.32	15.00	203	8.18
1205		1650	7.41	1.38	49.0	2.44	15.00	203	8.18
1208		2100	7.40	1.38	41.8	1.80	14.94	201	8.19
1211	↓	2550	7.39	1.38	33.9	1.36	14.95	200	8.18
1214	175	~~3075~~ 3000**	7.39	1.38	22.0	1.33	14.97	199	8.19
1217	↓	3600	7.38	1.38	16.4	1.10	15.01	198	8.20
1222		4475	7.38	1.38	13.1	0.98	15.04	197	8.23
1227		5350	7.38	1.38	10.3	0.85	15.15	196	8.23
1232		6225	7.38	1.38	7.4	0.77	15.14	194	8.23
1237		7100	7.37	1.38	9.0	0.68	15.20	193	8.24
1242		7975	7.37	1.37	4.9	0.61	15.16	192	8.24
1247		8850	7.37	1.37	3.1	0.59	15.16	191	8.24
1252		9725	7.37	1.37	4.7	0.56	15.21	190	8.24

** 3000 mL removed before purging began

Recorded By: Lou Hoover 2/20/24 QA: 2.22.24

DATE: 2/21/24

FIELD CREW: Lou Hoover, Jarod King, Brad KohlFeld, & Zach Matthews. Witness: none

B2/222.24

WEATHER: Mostly Cloudy & breezy, 55°F

ZH 2.21.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horibas and load equipment for ground water sampling.
0920 - Arrive at B53W175 to set up for sampling for Rad. & metals.
1 well volume (B53W175) = 35.5' - 13.19' = 22.13 x 0.65 = 14.4 gal x 3785 = 54,445 mL.
0934 = Begin pumping of B53W175 at 300 mL/min.
0941 = Begin purging of B53W175.
1250 - Complete sampling of B53W175 and move to MW31-98.
1255 - Arrive at MW31-98 and prepare to sample for Rad. & metals.
1306 - Begin pumping of MW31-98 at 150 mL/min.
1 well volume (MW31-98) = 34' - 15.90' = 18.1 x 0.16 = 2.9 gal x 3785 = 10,961 mL
1314 - Begin purging of MW31-98 at 210 mL/min.
1400 - Begin sampling of MW31-98.
1415 - Complete sampling of MW31-98 and return to SLAPS and secure samples.

Recorded By: Lou Hoover 2/21/24 QA: 2.22.24

DATE: 2/22/24

FIELD CREW: Lou Hoover, Jared King, & Brad Kohlfeld Witness: none

JH 2.22.24

WEATHER: Cloudy, Overcast, 61°F

JH 2.22.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horibas and load equipment for ground water sampling,
0920 - Arrive at B53W010 to sample for Rad.'s metals.
0929 - Begin pumping of B53W010 at 150 mL/min.
well volume (B53W010) = 96" - 10.6' = 85.4 x 0.16 = 13.6 g. x 3785 = 51,476 mL
0934 - Adjusted flow rate to 300 mL/min.
0936 - Begin purging of B53W010.
1226 - Begin sampling of B53W010.
1235 - Complete sampling of B53W010 and return to SLAPS to secure sampling and off-load equipment.

JH 2.22.24

Recorded By: Lou E. Hoover 2/22/24 QA: 3.4.24

COC: LE0222024-15ML
LE0222024-16TA

DATE: 2/21/24

FIELD CREW: Lou Hoover, Jared King, Brad Kohlfeld, & Zach Mathews - Witness: none

WEATHER: Mostly Cloudy & breezy, 55°F

WELL ID: B~~53~~53W175 SAMPLE ID: SVP273509

TOTAL DEPTH: 35.5' WELL DIAMETER: 4"

SCREEN INTERVAL: 20.3' - 30.3' MIDDLE OF SCREEN: 25.3'

STARTING WATER LEVEL: 13.19' FINAL WATER LEVEL: 14.30'

EVACUATION METHOD: Micro-purging w/ bladder pump

EQUIPMENT SERIAL #'S: Horiba = GZW100399, WLI = GLW100388

BK 3.4.24

PURGE START TIME: 0941 PURGE END TIME: 1236 TOTAL VOLUME PURGED: 54600 mL

SAMPLE START TIME: 1236 SAMPLE END TIME: 1250

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. mS/cm (JH 2.21.24)	Turb. (NTUs) (JH 2.21.24)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0941	300	210*	6.23	6.45	3.4	4.17	15.57	267	13.51
0944		3000	6.64	6.59	4.1	1.41	14.47	219	13.64
0947		3900	6.67	6.58	3.6	1.06	14.55	214	13.70
0950		4800	6.68	6.59	2.5	0.90	14.52	211	13.76
0953		5700	6.69	6.59	2.1	0.77	14.55	209	13.81
1013		11700	6.73	6.48	0.1	1.60	14.55	202	13.94
1023		13700	6.74	6.49	0.0	1.30	14.55	198	14.15
1053		23700	6.70	6.52	0.4	0.86	14.70	192	14.29
~~1103~~ 1103 JH		29700	6.59	6.54	0.5	0.44	14.71	184	14.32
1133		35700	6.65	6.55	0.6	0.29	14.68	179	14.32
1153		41700	6.60	6.53	0.7	0.24	14.81	173	14.32
1213		47900	6.59	6.58	1.1 ~~0.75~~ JH 2.21.24	~~0.35~~	14.69	177	14.32
1233		53700	6.60	6.58	1.6	0.29	14.72	175	14.32
1236		54600	6.60	6.59	1.5	0.27	14.59	175	14.32

Recorded By: Lou E. Hoover 2/21/24 QA: 3.4.24

COC: LE0222024-15ML
LE0222024-16TA

DATE: 2/21/24 Witness: none

FIELD CREW: Lou Hoover, Jared King, Brad Kohlfeld, & Zach Mathews

WEATHER: Mostly cloudy, 63°F

WELL ID: MW 31-98 SAMPLE ID: SVP27351Φ

TOTAL DEPTH: 34.Φ WELL DIAMETER: 2"

SCREEN INTERVAL: 18.4 - 33.4 MIDDLE OF SCREEN: 25.9

STARTING WATER LEVEL: 15.9Φ FINAL WATER LEVEL: 17.Φ8

EVACUATION METHOD: Micro purging w/ peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW273288
peristaltic pump = ~~GLW~~ D14ΦΦ5132
2.21.24 TH

PURGE START TIME: 1314 PURGE END TIME: 14ΦΦ TOTAL VOLUME PURGED: 11,Φ7Φ mL

SAMPLE START TIME: 14ΦΦ SAMPLE END TIME: 1415

* FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1314	21Φ	12ΦΦ*	7.Φ6	2.53	211	5.13	15.46	187	16.88
1317		183Φ	6.81	2.54	2Φ6	2.25	15.28	198	16.34
132Φ		246Φ	6.62	2.54	121	1.58	15.73	2Φ6	16.41
1323		3Φ9Φ	6.61	2.53	155	1.2Φ	15.14	2Φ5	16.47
1326		372Φ	6.65	2.54	14Φ	Φ.98	15.15	2Φ1	16.54
1329		435Φ	6.89	2.54	142	Φ.81	15.1Φ	182	16.59
1332		498Φ	6.73	2.53	146	Φ.7Φ	15.Φ8	193	16.64
1335		561Φ	6.81	2.53	136	Φ.62	15.12	192	16.71
134Φ		666Φ	6.72	2.52	24.4	Φ.54	15.17	193	16.7Φ
1345		771Φ	6.7Φ	2.45	9.Φ	Φ.49	15.18	193	16.86
135Φ		876Φ	6.72	2.39	7.3	Φ.51	15.Φ3	195	16.91
1355		981Φ	6.69	2.38	7.4	Φ.62	15.13	194	16.97
14ΦΦ		1Φ86Φ	6.71	2.37	7.1	Φ.59	15.2Φ	193	17.ΦΦ
~~1356~~ 1405		1107Φ	6.7Φ	2.39	7.2	Φ.6Φ	15.19	193	17.Φ5

2.21.24 TH

Recorded By: Jon E. Hoover 2/21/24 QA: 3.4.24

COC: LE0222024-19ML
LE0222024-2ΦTA

DATE: 2/22/24

FIELD CREW: Lou Hoover, Jared King, & Brad Kohlfeld Witness: none

WEATHER: Cloudy Overcast, 61°F

WELL ID: B53WΦ1D SAMPLE ID: SVP27350Φ3

TOTAL DEPTH: 96' WELL DIAMETER: 2"

SCREEN INTERVAL: 85' - 95' MIDDLE OF SCREEN: 9Φ'

STARTING WATER LEVEL: 1Φ.6Φ FINAL WATER LEVEL:

EVACUATION METHOD: Micro-purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW273288,
peristaltic pump = D14ΦΦ5132

PURGE START TIME: Φ936 PURGE END TIME: 1226 TOTAL VOLUME PURGED: 52,35Φ mL

SAMPLE START TIME: 1226 SAMPLE END TIME: 1235

mL removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm ~~(µS/cm)~~ Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ936	3ΦΦ	135Φ*	6.81	1.Φ7	89.6	1.78	15.15	3	1Φ.8Φ
Φ939		225Φ	7.24	1.Φ7	89.2	Φ.76	14.64	-1Φ9	1Φ.8Φ
Φ942		315Φ	7.33	1.Φ6	167	Φ.56	14.51	-142	1Φ.81
Φ945		4Φ5Φ	7.36	1.Φ6	277	Φ.47	14.46	-156	1Φ.82
Φ948		495Φ	7.35	1.Φ6	227	Φ.49	14.5Φ	-159	1Φ.82
Φ951		585Φ	7.35	1.Φ5	315	Φ.42	14.55	-161	1Φ.82
1Φ11		1185Φ	7.32	1.Φ6	183	Φ.24	14.67	-161	1Φ.84
1Φ31		1785Φ	7.5Φ	1.Φ6	13Φ	Φ.15	14.73	-169	1Φ.86
1Φ51		2385Φ	7.53	1.Φ6	63.5	Φ.1Φ	14.74	-169	1Φ.88
1111		2985Φ	7.51	1.Φ6	66.1	Φ.Φ6	14.59	-170	1Φ.9Φ
1131		3585Φ	7.64	1.Φ7	62	Φ.Φ4	14.47	-169	1Φ.91
1151		4185Φ	7.7Φ	1.Φ6	39.2	Φ.Φ2	14.4Φ	-169	1Φ.93
1211		4785Φ	7.7Φ	1.Φ6	41.3	Φ.Φ2	14.4Φ	-167	1Φ.93
~~1235~~ 1231		5235Φ	7.7Φ	1.Φ7	38.2	Φ.Φ1	14.38	-165	1Φ.94

2.22.24 TH

Recorded By: Jon E. Hoover 2/22/24 QA: 3-4-24

DATE: 2/26/24

FIELD CREW: Lon Hoover & Jared King Witness: none

ZH | 2.26.24

WEATHER: Mostly Sunny, 63°F

ZH | 2.26.24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAPS to calibrate Horibas and load equipment for ground water monitoring.

0935 - Arrive at MW32-98 to sample for Rad & metals.

1 well volume = 20.3' - 17.02' = 3.28' x 0.16 = 0.525 g x 3785 = 1986 mL.

0939 - Begin pumping of MW32-98 at 85 mL/min.

0948 - Begin purging of MW32-98.

1006 - Begin sampling of MW32-98.

1030 - Complete sampling of MW32-98 and move to PW43 for sampling.

1033 - Arrive at PW43 to sample for Rad & metals.

1 well volume (PW43) = 25.5' - 17.69' = 7.81 x 0.16 = 1.25 g x 3785 = 4731 mL.

1040 - Begin pumping of PW43 at 100 mL/min.

1047 - Begin purging of PW43.

1129 - Begin sampling of PW43 for Rad & metals.

1145 - Complete sampling of PW43 and return to SLAPS to secure samples and off-load equipment.

Recorded By: J.G. Hoover 2/26/24 QA: 3.4.24

DATE: 2/27/24

FIELD CREW: Lon Hoover & Jared King Witness: none

ZH | 2.27.24

WEATHER: Partly cloudy, 70°F

ZH | 2.27.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horibas and load equipment for ground water monitoring.

0915 - Arrive at PW45 to sample for Rad. & metals.

1 well volume (PW45) = 22.3' - 7.73' = 14.57' x 0.16 = 2.3 g x 3785 = 8706 mL

0925 - Begin pumping of PW45 at 160 mL/min.

0930 - Begin purging of PW45 at 175 mL/min.

1015 - Begin sampling of PW45.

1028 - Complete sampling of PW45 and break for lunch.

1032 - Arrive at PW46 to sample for Rad & metals.

1 well volume (PW46) = 23' - 11.71' = 11.29' x 0.16 = 1.81 g x 3785 = 6851 mL

1041 - Begin pumping of PW46 at 150 mL/min.

1048 - Begin purging of PW46.

1127 - Begin sampling of PW46 (QA samples included).

1200 - Complete sampling of PW46 and return to SLAPS to secure samples and off-load equipment.

Recorded By: J.G. Hoover 2/27/24 QA: 3.4.24

COC: LEΦ2292Φ24-ΦBML
LEΦ2292Φ24-ΦATA

DATE: 2/26/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Mostly sunny, 63°F

WELL ID: MW32-98 SAMPLE ID: SVP273511

TOTAL DEPTH: 29.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 9.7' - 19.7' MIDDLE OF SCREEN: 14.7'

STARTING WATER LEVEL: 17.Φ2 FINAL WATER LEVEL: 17.2Φ

EVACUATION METHOD: Micro-purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3288,
Peristaltic pump = D14Φ95132

PURGE START TIME: Φ948 PURGE END TIME: 1ΦΦ6 TOTAL VOLUME PURGED: 2295 mL

SAMPLE START TIME: 1ΦΦ6 SAMPLE END TIME: 1Φ3Φ

*= mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΦ48	85	765*	6.82	1.51	21.2	4.5Φ	15.69	2Φ1	17.14
Φ951		1Φ2Φ	6.99	1.52	16.3	2.36	15.47	187	17.16
Φ954		1275	6.95	1.53	16.1	1.96	15.35	184	17.17
Φ957		153Φ	7.Φ5	1.49	11.1	1.72	15.36	182	17.19
1ΦΦΦ		1785	7.Φ5	1.46	8.2	1.55	15.39	18Φ	17.2Φ
1ΦΦ3		2Φ4Φ	7.Φ6	1.44	8.7	1.49	15.42	179	17.2Φ
1ΦΦ6		2295	7.Φ7	1.43	7.9	1.42	15.46	178	17.2Φ

2-26-24

2#

Recorded By: Lou Hoover 2/26/24 QA: 3.4.24

COC: LEΦ2292Φ24-ΦBML
LEΦ2292Φ24-ΦATA

DATE: 2/26/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Mostly sunny, 66°F

WELL ID: PW43 SAMPLE ID: SVP273515

TOTAL DEPTH: 25.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 15' - 25' MIDDLE OF SCREEN: 2Φ'

STARTING WATER LEVEL: 17.69' FINAL WATER LEVEL: 19.18'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3288,
peristaltic pump = D14ΦΦ5132

PURGE START TIME: 1Φ47 PURGE END TIME: 1129 TOTAL VOLUME PURGED: 49ΦΦ mL

SAMPLE START TIME: 1129 SAMPLE END TIME: 1145

*= mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Φ47	1ΦΦ	~~765*~~	7.Φ7	Φ.765	9.3	2.56	16.74	2Φ6	17.94
1Φ5Φ		1ΦΦΦ	6.97	Φ.763	8.4	2.Φ4	16.47	2Φ7	18.Φ2
1Φ53		13ΦΦ	6.94	Φ.76Φ	7.8	1.85	16.38	2Φ6	18.Φ9
1Φ56		16ΦΦ	6.93	Φ.759	6.9	1.68	16.42	2Φ5	18.15
1Φ59		19ΦΦ	6.92	Φ.756	6.5	1.57	16.52	2Φ3	18.21
11Φ4		24ΦΦ	6.92	Φ.758	4.4	1.35	16.43	199	18.36
11Φ9		29ΦΦ	6.92	Φ.76Φ	3.5	1.28	16.52	199	18.43
1114		34ΦΦ	6.92	Φ.763	2.3	1.15	16.59	197	18.52
1119		39ΦΦ	6.92	Φ.764	1.5	1.Φ4	16.57	196	18.53
1124	4ΦΦ	~~4ΦΦΦ~~	6.92	Φ.763	1.3	Φ.93	16.6Φ	194	18.72
1129	4ΦΦ	~~48ΦΦ~~	6.93	Φ.764	Φ.9	Φ.85	16.61	193	18.84

2-26-24

2#

Recorded By: Lou Hoover 2/26/24 QA: 3.4.24

COC: LE Φ229 2024-ΦΦML
LE Φ229 2024-Φ2TA

DATE: 2/27/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Partly Cloudy, 70°F

WELL ID: PW45 SAMPLE ID: SLA273517

TOTAL DEPTH: 25.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 12.3'-22.3' MIDDLE OF SCREEN: 17.3'

STARTING WATER LEVEL: 7.73' FINAL WATER LEVEL: 7.78.

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ5288,
peristaltic pump = D14ΦΦ5132

PURGE START TIME: Φ93Φ PURGE END TIME: 1Φ15 TOTAL VOLUME PURGED: 8675 mL

SAMPLE START TIME: 1Φ15 SAMPLE END TIME: 1Φ28

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ93Φ	175	8ΦΦ*	6.79	1.Φ6	Φ	8.19	15.41	226	7.78
Φ933		1325	7.15	1.Φ7	Φ	5.98	15.13	2Φ6	7.78
Φ936		185Φ	7.36	1.Φ7	Φ	5.51	14.96	194	7.78
Φ939		2375	7.48	1.Φ7	Φ	5.28	14.89	188	7.78
Φ942		29ΦΦ	7.59	1.Φ7	Φ	5.ΦΦ	14.85	182	7.78
Φ945		3425	7.62	1.Φ7	Φ	4.82	14.82	18Φ	7.78
Φ955		5175	7.73	1.Φ5	Φ	4.Φ7	14.78	175	7.78
1Φ05		6925	7.75	1.Φ5	Φ	3.57	14.83	172	7.78
1Φ15		8675	7.78	1.Φ5	Φ	2.97	14.88	169	7.78

2/27/24 2/27/24 2/27/24

Recorded By: Lou G. Hoover 2/27/24 QA: 3.4.24

DATE: 2/28/24

FIELD CREW: Lou Hoover & Jared King Witness: none

2/28/24

WEATHER: Mostly Sunny, gusty winds, 28°F

2/28/24

DAILY TASK ACTIVITY: Φ8ΦΦ - Arrive at SLAPS to calibrate Horibas and load equipment for groundwater sampling.

Φ92Φ - Arrive at HW23 to sample for Rad & metals.

1 well volume (HW23) = 93.5' - 9.75' = 83.75 x Φ.16 = 13.4 gal. x 3785 = 5Φ,719 mL.

Φ935 - Begin purging of HW23 at 3ΦΦ mL/min.

Φ943 - Begin purging of HW23.

1225 - Begin sampling of HW23.

1235 - Complete sampling of HW23 and rest for lunch.

13ΦΦ - Arrive at HW22 to sample for Rad.'s metals.

1 well volume (HW22) = 3Φ' - 14.1Φ = 15.9' x Φ.16 = 2.5 gal x 3785 = 9463 mL.

1318 - Begin purging of HW22 at 2ΦΦ mL/min.

1323 - Begin purging of HW22.

14Φ5 - Begin sampling of HW22.

1415 - Complete sampling of HW22 and return to SLAPS to secure samples and off-load equipment.

Recorded By: Lou G. Hoover 2/28/24 QA: 3.4.24

DATE: 2/29/24

FIELD CREW: Lou Hoover & Jaird King Witness: none

RH 2.29.24

WEATHER: Mostly Sunny, 38°F

2H 2.29.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horibas and bail equipment for ground water sampling.

0950 - Arrive at B53W005 to sample for Rad. & metals.

1 well volume (B53W005) = 36' - 16.75' = 19.25' x 0.16 = 3.08g x 3785 = 11,658 mL

1001 - Begin pumping of B53W005 at 150 mL/min.

1007 - Begin purging of B53W005.

1119 - Begin sampling of B53W005.

1145 - Complete sampling of B53W005 and return to SLAPS to secure samples and off-load equipment.

2.29.24

2H

Recorded By: 2/29/24

QA: 3.4.24

COC: LE02292024-01ML
LE02292024-02TA
LE02292024-02TA
LE02292024-03TD > (-2)

DATE: 2/27/24

FIELD CREW: Lou Hoover & Jaird King Witness: none

WEATHER: Partly Cloudy, 70°F

WELL ID: PW46 SAMPLE ID: SLA273518(-Li-2)

TOTAL DEPTH: 23' WELL DIAMETER: 2"

SCREEN INTERVAL: 17.5' - 22.5' MIDDLE OF SCREEN: 20'

STARTING WATER LEVEL: 11.71 FINAL WATER LEVEL: 13.01

EVACUATION METHOD: Micro purging with peristaltic pumps.

EQUIPMENT SERIAL #'S: Horiba = GLW1003199, WLI = GLW1003288, peristaltic pump = D1400005132

PURGE START TIME: 1048 PURGE END TIME: 1127 TOTAL VOLUME PURGED: 6900 mL

SAMPLE START TIME: 1127 SAMPLE END TIME: 1200

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond (µS/cm)	3.4.24 Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1048	150	1050	7.12	2.51	18.9	5.35	16.11	195	12.22
1051		1500	6.99	2.54	14.7	1.88	15.89	183	12.33
1054		1950	6.97	2.52	11.5	1.32	15.81	173	12.41
1057		2400	6.96	2.53	8.8	1.08	15.80	163	12.46
1100		2850	6.96	2.52	5.3	0.92	15.86	155	12.50
1110		4350	6.96	2.54	0	0.68	15.73	132	12.61
1120		5850	6.96	2.53	0	0.56	15.69	118	12.71
1127	↓	6900	6.95	2.53	0	0.50	15.60	113	12.75

2.27.24

2H

Recorded By: 2/27/24

QA: 3.4.24

COC: LEΦ2292ΦΦ24-14ML
LEΦ2292ΦΦ24-15TA

DATE: 2/28/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Mostly sunny, gusty winds, 28°F

WELL ID: HW23 SAMPLE ID: H152735Φ2

TOTAL DEPTH: 93.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 91.5'-93.5' MIDDLE OF SCREEN: 92.5'

STARTING WATER LEVEL: 7.95' FINAL WATER LEVEL: 1Φ.89'

EVACUATION METHOD: Micro-purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = 1Φ3288,
peristaltic pump = D14ΦΦ5132

PURGE START TIME: Φ943 PURGE END TIME: 1225 TOTAL VOLUME PURGED: 51,ΦΦΦ mL

SAMPLE START TIME: 1225 SAMPLE END TIME: 1235

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm) ~~(µS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ943	3ΦΦ	24ΦΦ*	6.96	1.Φ7	37.5	9.11	11.88	32	1Φ.Φ7
Φ946		33ΦΦ	7.51	1.Φ9	61.7	7.28	11.59	-96	1Φ.12
Φ949		42ΦΦ	7.66	1.12	6Φ.2	6.8Φ	11.4Φ	-118	1Φ.15
Φ952		51ΦΦ	7.7Φ	1.Φ8	47.5	6.49	11.36	-122	1Φ.17
Φ955		6ΦΦΦ	7.71	1.11	42.3	6.25	11.41	-122	1Φ.2Φ
1Φ15		12ΦΦΦ	7.76	1.Φ9	41.1	5.4Φ	11.61	-119	1Φ.32
1Φ35		18ΦΦΦ	7.73	1.Φ8	54.6	4.93	11.68	-116	1Φ.41
1Φ55		24ΦΦΦ	7.73	1.Φ5	38.5	4.95	11.67	-113	1Φ.45
1115		3ΦΦΦΦ	7.73	1.Φ7	33.1	4.55	11.7Φ	-111	1Φ.51
1135		36ΦΦΦ	7.7Φ	1.Φ5	28.3	4.37	11.79	-11Φ	1Φ.56
1155		42ΦΦΦ	7.7Φ	1.Φ4	2Φ.6	4.18	11.9Φ	-1Φ8	1Φ.62
1215		48ΦΦΦ	7.7Φ	1.Φ5	21.4	4.4	11.43	-1Φ8	1Φ.64
1225	↓	51,ΦΦΦ	7.7Φ	1.Φ6	21.3	4.Φ2	11.49	-1Φ7	1Φ.66

Recorded By: Lou S. Hoover 2/28/24 QA: 3.4.24

COC: LEΦ2292ΦΦ24-14ML
LEΦ2292ΦΦ24-15TA

DATE: 2/28/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Mostly Sunny, gusty winds, 36°F

WELL ID: HW22 SAMPLE ID: H152735Φ1

TOTAL DEPTH: 3Φ' WELL DIAMETER: 2"

SCREEN INTERVAL: 19'-29' MIDDLE OF SCREEN: 24'

STARTING WATER LEVEL: 14.1Φ FINAL WATER LEVEL: 15.73'

EVACUATION METHOD: Micro-purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3288,
Peristaltic pump = D14ΦΦ5132

PURGE START TIME: 1323 PURGE END TIME: 14Φ5 TOTAL VOLUME PURGED: 94ΦΦ mL

SAMPLE START TIME: 14Φ5 SAMPLE END TIME: 1415

tbl removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm) ~~(µS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1323	2ΦΦ	1ΦΦΦ+	7.71	2.19	12.3	6.39	1Φ.91	37	14.42
1326		16ΦΦ	7.2Φ	2.19	2.1	4.54	11.42	54	14.52
1329		22ΦΦ	7.Φ7	2.2Φ	Φ	3.98	11.64	56	14.67
1332		28ΦΦ	7.Φ3	2.2Φ	Φ	3.69	11.78	56	14.8Φ
1335		34ΦΦ	7.Φ1	2.2Φ	Φ	3.36	11.79	56	14.93
1345		54ΦΦ	6.98	2.18	Φ	2.92	11.86	59	15.18
1355		74ΦΦ	6.96	2.19	Φ	2.63	11.89	63	15.45
1405	↓	94ΦΦ	6.95	2.2Φ	Φ	2.49	11.87	65	15.68

2.2 8.24

24

Recorded By: Lou S. Hoover 2/28/24 QA: 3.4.24

DATE: 3/4/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

ZH 3.4.24

WEATHER: Mostly Sunny, 63°F

ZH 3.4.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horiba and load equipment for groundwater monitoring.

0855- Arrive at PW42 and prepare to sample for Rad.'s metals.

1 well volume (PW42) = 85.1' - 10.49' = 74.61' x 0.16 = 11.94 g. x 3785 = 45,184 mL.

0903 = Begin purging of PW42 @ 150 mL/min

0906 = Adjust flow rate to 300 mL/min.

0911 - Begin purging of PW42.

1136 - Begin sampling at adjusted flow rate of 150 mL/min

1155 - Complete sampling of PW42 and move to B53W095 to sample for Rad.'s metals.

1209 - Begin pumping B53W095 at 175 mL/min.

1 well volume (B53W095) = 36' - 17.36' = 18.64' x 0.16 = 2.98 g. x 3785 = 11,279 mL.

1219 - Begin purging of B53W095.

1314 - Begin sampling of B53W095.

1328 - Complete sampling of B53W095 and return to SLAPS to secure samples | off-loa

Recorded By: LS. Hoover 3/4/24 QA: BK 3.4.24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

BK 3.4.24

Recorded By: QA: 3.4.24

COC: LEØ2292Ø24-18ML
LEØ2292Ø24-19TA

DATE: 2/29/24

FIELD CREW: Lou Hoover ?, Jared King Witness: none

WEATHER: Mostly Sunny, 38°F

WELL ID: B53WØ65 SAMPLE ID: SVP273505

TOTAL DEPTH: 36' WELL DIAMETER: 2"

SCREEN INTERVAL: 3Ø'-35' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 16.75' FINAL WATER LEVEL:

EVACUATION METHOD: Micro-purging with Bladder Pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Ø3199, WLI = GLW1Ø3288
pump controller = GLW1Ø3249

PURGE START TIME: 1ØØ7 PURGE END TIME: 1119 TOTAL VOLUME PURGED: 11,7ØØmL

SAMPLE START TIME: 1119 SAMPLE END TIME: 1145

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1ØØ7	15Ø	9ØØ*	6.75	1.77	11.4	7.35	12.84	2Ø2	17.46
1Ø1Ø		135Ø	6.87	1.68	17.1	4.13	12.86	196	17.78
1Ø13		18ØØ	6.89	1.56	16.Ø	2.75	12.73	192	17.93
1Ø16		225Ø	6.9Ø	1.35	16.9	2.1Ø	12.65	188	18.21
1Ø19		27ØØ	6.89	1.17	15.8	1.5Ø	12.8Ø	187	18.53
1Ø22		315Ø	6.89	1.Ø8	14.3	1.31	12.77	184	18.77
1Ø25		36ØØ	6.87	1.Ø1	12.8	1.17	12.72	183	18.99
1Ø28		4Ø5Ø	6.87	Ø.965	12.Ø	1.Ø7	12.69	182	19.2Ø
1Ø38		555Ø	6.79	1.Ø2	9.Ø	Ø.72	12.73	179	19.79
1Ø48		7Ø5Ø	6.79	1.Ø7	7.4	Ø.53	12.74	169	2Ø.39
1Ø58		855Ø	6.79	1.12	5.9	Ø.39	12.42	152	2Ø.98
11Ø8		1Ø95Ø	6.81	1.17	5.4	Ø.34	12.4	135	21.55
1118		1155Ø	6.8Ø	1.2Ø	4.8	Ø.32	12.57	125	22.Ø2
1119		117ØØ	6.81	1.22	4.6	Ø.32	12.58	121	22.Ø9

Recorded By: Jon E. Hoover 2/29/24 QA: 3.4.24

COC: LEØ3Ø72Ø24-ØBML
LEØ3Ø72Ø24-Ø9TA

DATE: 3/4/24

FIELD CREW: Lou Hoover ?, Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 63°F

WELL ID: PW42 SAMPLE ID: SVP273514

TOTAL DEPTH: 85.1' WELL DIAMETER: 2"

SCREEN INTERVAL: 83'-85' MIDDLE OF SCREEN: 84'

STARTING WATER LEVEL: 1Ø.57' FINAL WATER LEVEL: 32.Ø'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Ø3199, WLI = GLW1Ø3288,
peristaltic pump = D14ØØ5132

PURGE START TIME: Ø911 PURGE END TIME: 1136 TOTAL VOLUME PURGED: 45,4ØØmL

SAMPLE START TIME: 1136 SAMPLE END TIME: 1155

*mL removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Ø911	3ØØ	195Ø*	6.87	Ø.961	11.2	1.33	15.49	121	12.9Ø
Ø914		285Ø	7.43	Ø.961	5.8	Ø.67	15.18	18	13.69
Ø917		375Ø	7.58	Ø.957	7.4	Ø.55	15.18	-45	14.48
Ø92Ø		465Ø	7.67	Ø.955	6.5	Ø.48	15.15	-84	15.25
Ø923		555Ø	7.69	Ø.964	19.2	Ø.39	15.Ø6	-1Ø3	15.95
Ø926		645Ø	7.56	Ø.275	12.9	Ø.32	15.ØØ	-111	16.6Ø
Ø946		1245Ø	7.75	Ø.938	12.8	Ø.24	15.14	-143	2Ø.74
1ØØ6		1845Ø	7.74	Ø.942	17.6	Ø.19	15.4Ø	-145	24.3Ø
1Ø26		2445Ø	7.7Ø	Ø.957	14.9	Ø.16	15.6Ø	-149	27.37
1Ø46		3Ø45Ø	7.68	Ø.96Ø	7.2	Ø.15	15.72	-149	3Ø.Ø1
11Ø6		3645Ø	7.63	Ø.966	9.1	ØŒ	15.79	-148	31.25
1126		4245Ø	7.59	Ø.967	1Ø.Ø	Ø.22	15.9Ø	-149	31.85
1136		~~4845Ø~~ 4545Ø	7.58	Ø.968	9.4	Ø.2Ø	15.98	-15Ø	32.Ø

Recorded By: Jon E. Hoover 3/4/24 QA: 3.14.24

LOC: LE03072024-06ML
LE03072024-09TA

DATE: 3/4/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, 72°F

WELL ID: B53W095 SAMPLE ID: SW273508

TOTAL DEPTH: 36' WELL DIAMETER: 2"

SCREEN INTERVAL: 30'-35' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 17.36' FINAL WATER LEVEL: 18.85'

EVACUATION METHOD: Micro purging

EQUIPMENT SERIAL #'S: Horiba = GLW103199, WLI = GLW103288,
pump controller: GLW103249

PURGE START TIME: 1219 PURGE END TIME: 1314 TOTAL VOLUME PURGED: 11,375 mL

SAMPLE START TIME: 1314 SAMPLE END TIME: 1328

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1219	175	1750*	7.46	1.07	4.0	6.86	16.86	39	18.86
1222		~~1225~~ 1975	~~7.35~~ 7.31	1.08	0	2.23	16.64	41	18.85
1225		~~2800~~ 2400	~~7.30~~ 7.30	1.08	0	1.65	16.39	38	18.85
1228		~~3325~~ 2825	~~7.28~~ 7.28	1.08	0	1.37	16.34	34	18.85
1231		3850	7.26	1.08	0	1.13	16.29	30	18.85
1234		4375	7.24	1.09	0	0.93	16.23	26	18.85
1249		7000	7.21	1.11	0	0.50	16.19	12	18.85
1304		9625	7.16	1.12	0	0.32	16.13	7	18.85
1314	↓	11375	7.18	1.14	0	0.27	16.16	6	18.85

3.4.24 JH

Recorded By: Jon E. Hoover 3/4/24 QA: 3.14.24

DATE: 3/5/24

FIELD CREW: Lou Hoover & Jared King Witness: none

JH 3.5.24

WEATHER: Overcast, 50°F

JH 3.5.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horiba and load equipment for groundwater sampling.

0835 - Arrive at B53W070 to sample for Rad. & metals.

1 well volume (B53W070) = 89' - 10.89' = 78.11' x 0.16 = 12.5 gal. x 47,303 mL.

0845 - Begin pumping of B53W070 at 300 mL/min.

0850 - Begin purging of B53W070.

1122 - Begin sampling of B53W070.

1128 - Complete sampling of B53W070 and return to SLAPS to secure samples and off-load equipment.

3.5.24 JH

Recorded By: Jon E. Hoover 3/5/24 QA: 3.14.24

DATE: 3/6/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

TH | 3.6.24

WEATHER: Mostly Sunny, 47°F

2H | 3.6.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horiba and load equipment for groundwater sampling.

0840 - Arrive at PW35 and prepare to sample for Rad.'s metals.

1 well volume (PW35) = 115' - 100.25' = 105' x 0.16 = 16.7 gal x 3785 = 63,209 mL.

0900 - Begin purging at 300 mL/min.

0917 - Begin purging of PW35.

1231 - Begin sampling of PW35 at a reduced flow rate.

1248 - Complete sampling of PW35 and return to SLAPS to secure sample(s) and off-load equipment.

TH 3.7.24

Recorded By: Lou Hoover 3/6/24 QA: 3.14.24

COC: LE03072024-10ML
LE 03072024-11TA

DATE: 3/5/24

FIELD CREW: Lou Hoover & Jared King Witness: none

WEATHER: Overcast, 50°F

WELL ID: B53W07D SAMPLE ID: SVP27350G

TOTAL DEPTH: 89' WELL DIAMETER: 2"

SCREEN INTERVAL: 77.5'-87.5' MIDDLE OF SCREEN: 82.5'

STARTING WATER LEVEL: 10.89' FINAL WATER LEVEL: 11.03

EVACUATION METHOD: Micro-purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW10G3199, WLI = GLW10G3288, peristaltic pump = D14005132

PURGE START TIME: 0850 PURGE END TIME: 1122 TOTAL VOLUME PURGED: 47,700 mL

SAMPLE START TIME: 1122 SAMPLE END TIME: 1128

FML

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0850	300	1500*	6.76	1.05	43.3	6.51	14.11	140	11.02
0853		2400	7.18	1.04	29.0	1.35	13.75	4	11.02
0856		3300	7.27	1.03	19.9	0.86	13.66	-62	11.02
0859		4200	7.34	1.03	18.5	0.61	13.58	-94	11.03
0902		5100	7.35	1.02	16.0	0.49	13.56	-110	11.03
0905		6000	7.36	1.02	23.0	0.33	13.52	-121	11.03
0925		~~7600~~	7.39	1.01	21.9	0.15	13.50	-142	11.03
0945		1260	7.40	1.00	22.2	0.04	13.54	-148	11.03
1005		1860	7.45	0.998	23.4	0.0	13.64	-152	11.03
1025		2460	7.45	0.996	23.8	0.0	13.63	-153	11.03
1045		3060	7.45	1.01	25.3	0.0	13.69	-153	11.03
1105		3660	7.45	1.02	26.3	0.0	13.69	-153	11.03
~~1125~~		4260	7.45	1.01	25.7	0.0	13.70	-152	11.03
~~1142~~		4770			BK 3.14.24				

TH 3.5.24 11:42

Recorded By: Lou Hoover 3/5/24 QA: 3.14.24

COC: LEΦ3Φ72Φ24-12ML
LEΦ3Φ72Φ24-13TA

DATE: 3/6/24

FIELD CREW: Lon Hoover & Brad Rohlfeld Witness: none

WEATHER: Mostly Sunny, 47°F

WELL ID: PW35 SAMPLE ID: SVP273512

TOTAL DEPTH: 115' WELL DIAMETER: 2"

SCREEN INTERVAL: 11Φ'- 114.9' MIDDLE OF SCREEN: 112.5'

STARTING WATER LEVEL: 1Φ.27 FINAL WATER LEVEL: 2Φ.51'

EVACUATION METHOD: Micro-purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba= GLW1Φ3199, WLI= GLW1Φ3288, 1Φ3288 cal 3.6.24
peristaltic pump = D14ΦΦ5132

PURGE START TIME: ΦΦ917 PURGE END TIME: 1231 TOTAL VOLUME PURGED: 63,ΦΦΦ mL

SAMPLE START TIME: 1231 SAMPLE END TIME: ~~2Φ51~~ 1248 2K 3.6.24

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (µS/cm) 3.6.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΦ917	3ΦΦ	51ΦΦ*	6.74	Φ.732	3Φ.6	8.37	15.Φ1	178	12.45
ΦΦ92Φ		6ΦΦΦ	7.45	1.Φ6	265	7.8Φ	14.74	61	13.59
ΦΦ923		69ΦΦ	7.57	1.15	1Φ2	7.81	14.57	-11	14.33
ΦΦ926		78ΦΦ	7.64	1.ΦΦ8	57.4	8.21	14.45	-51	14.89
ΦΦ929		87ΦΦ	7.67	1.Φ1	36.Φ	8.3Φ	14.45	-68	15.4Φ
ΦΦ949		147ΦΦ	7.68	Φ.839	9.9	8.75	14.53	-81	17.54
1ΦΦ9		2Φ7ΦΦ	7.7Φ	Φ.794	6.9	9.11	14.63	-82	18.21
1Φ29		267ΦΦ	7.69	Φ.788	5.5	9.Φ4	14.64	-81	18.81
1Φ49		327ΦΦ	7.64	Φ.783	5.7	9.Φ4	14.83	-79	19.29
11Φ9		387ΦΦ	7.64	Φ.778	4.3	8.89	15.Φ1	-77	19.63
1129		447ΦΦ	7.62	Φ.776	4.2	8.81	15.19	-75	19.88
1149		5Φ7ΦΦ	7.6Φ	Φ.778	3.8	8.82	15.12	-71	2Φ.ΦΦ
12Φ9		567ΦΦ	7.59	Φ.775	6.1	8.72	15.21	-68	2Φ.26
1231		63ΦΦΦ	7.57	Φ.774	3.5	8.74	15.26	-67	2Φ.41

Recorded By: 3/6/24 QA: 3.14.24

COC: LEΦ3Φ72Φ24-14ML
LEΦ3Φ72Φ24-15TA

DATE: 3/7/24

FIELD CREW: Lon Hoover & Jared King Witness: none

WEATHER: Overcast, 46°F

WELL ID: PW36 SAMPLE ID: SVP273513

TOTAL DEPTH: 88' WELL DIAMETER: 2"

SCREEN INTERVAL: 83'-87.2' MIDDLE OF SCREEN: 85.5'

STARTING WATER LEVEL: 1Φ.Φ7' FINAL WATER LEVEL: 1Φ.32'

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba= GLW1Φ3189, WLI = GLW1Φ3288,
peristaltic pump = 014ΦΦ5132

PURGE START TIME: Φ9Φ3 PURGE END TIME: 1136 TOTAL VOLUME PURGED: 48,ΦΦΦ mL

SAMPLE START TIME: 1136 SAMPLE END TIME: 1145

*mL removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (µS/cm) 3.7.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ9Φ3	3ΦΦ	21ΦΦ*	6.72	Φ.792	258	3.37	15.2Φ	165	1Φ.21
Φ9Φ6		3ΦΦΦ	7.1Φ	Φ.774	221	1.47	14.94	79	1Φ.22
Φ9Φ9		39ΦΦ	7.26	Φ.734	146	1.ΦΦ	14.89	-28	1Φ.23
Φ912		48ΦΦ	7.28	Φ.735	168	Φ.97	14.85	-44	1Φ.23
Φ915		57ΦΦ	7.31	Φ.728	119	Φ.85	14.82	-68	1Φ.23
Φ918		66ΦΦ	7.32	Φ.732	117	Φ.72	14.8Φ	-82	1Φ.23
Φ921		75ΦΦ	7.34	Φ.731	82.7	Φ.65	14.76	-91	1Φ.23
Φ941		135ΦΦ	7.42	Φ.738	38.Φ	Φ.29	14.72	-118	1Φ.26
1ΦΦ1		195ΦΦ	7.53	Φ.743	22.7	Φ.14	16.63	-13Φ	1Φ.27
1Φ21		255ΦΦ	7.57	Φ.756	17.Φ	Φ.Φ6	14.59	-135	1Φ.29
1Φ41		315ΦΦ	7.58	Φ.787	17.5	Φ.Φ1	14.61	-137	10.3Φ
11Φ1		375ΦΦ	7.59	Φ.787	12.5	Φ.Φ	14.69	-138	1Φ.31
1121		435ΦΦ	7.59	Φ.789	12.9	Φ.Φ	14.65	-139	1Φ.31
1136		48ΦΦΦ	7.6Φ	Φ.789	13.7	Φ.Φ	14.68	-139	1Φ.31

Recorded By: 3/7/24 QA: 3.14.24

DATE: 3/7/24

FIELD CREW: Lon Hoover & Jared King Witness: none

TH / 3.7.24

WEATHER: Overcast, 46°F

TH / 3.7.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horiba and load equipment for ground water sampling.
0850 - Arrive at PW36 to sample for Rad & metals.
1 well volume = 88' - 10.07' = 77.9 x 0.16 = 12.5g. x3785 = 47,176 mL
0856 - Begin pumping of PW36 at 300 mL/min.
0907 - Begin purging of PW36.
1136 - Begin sampling of PW36.
1145 - Complete sampling of PW36 and return to SLAPS to secure samples and off-load equipment.

3.7.24
TH

Recorded By: Lon Hoover 3/9/24 QA: 3.14.24

DATE: 3/11/24

FIELD CREW: Jared King & Brad Koukfeld

JK / 3-11-24

WEATHER: Sunny, 50°F

JK / 3-11-24

DAILY TASK ACTIVITY: 0800 - Met at SLAPS to calibrate Horiba and load equipment for groundwater sampling.
0825 - Depart for SLDS.
0845 - Arrive at SLDS and check-in at the trailer.
0850 - Arrive at DW21 to sample for Rad & Metals
1 well volume = 22.7' - 14.54' = 8.16' x 0.16 = 1.31g x 3785 = 4,941.7 mLs.
0908 - Begin pumping DW21 at 1000 mL/min.
0920 - Begin purging of DW21.
0958 - Begin sampling of DW21.
1015 - Completed sampling of DW21. Set up equipment at DW16 to sample for Rad & Metals.
1 well volume = 50' - 38.23 = 11.77 = ~~1.88~~ JK 3-11-24 x .16 = 1.88g x 3785 = 7,127.9 mLs.
1025 - Begin pumping ~~DW21~~ DW16 BK 3.14.24 at 3000 mL/min.
1029 - Begin purging of ~~DW21~~ DW16 BK 3.14.24
1049 - Begin sampling of ~~DW21~~ DW16 BK 3.14.24
1055 - Concluded sampling of ~~DW21~~ DW16 BK 3.14.24. Signed out at the trailer and departed for SLAPS to process samples.

Recorded By: Jared King 3-11-2024 QA: 3.14.24

COC: LEΦ5Φ22Φ24-Φ4 ML
LEΦ5Φ22Φ24-Φ8 TA

DATE: 4/29/24

FIELD CREW: Lon Hoover & Nathan Gross Witness: none

WEATHER: Mostly Cloudy, 64°F

WELL ID: N/A SAMPLE ID: CWC2756443 4/29/24

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

BK 5.13.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1255 SAMPLE END TIME: 13Φ5

CWCΦΦ2

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1250	N/A	N/A	7.46	Φ.484	50.8	9.19	16.53	274	N/A

4.29.24 4ft

Recorded By: Lon Hoover 4/29/24 QA: BK 5.13.24

DATE: 5/n/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness "none

2H 5.13.24

WEATHER: Mostly Cloudy, 69°F

2H 5.13.24

DAILY TASK ACTIVITY: Φ83Φ - Begin water level measurements for North County.

PW42 = 1Φ.62' HISS-Φ6A = 7.61'

BS3WΦ9S = 16.99' HISS-11A = 11.78'

PW43 - 14.97' HISS-1Φ = 4.98'

BS3WΦ7S = 18.85' HISS-Φ1 = 7.82'

BS3WΦ7D = 1Φ.8Φ' HISS-19S = 13.93'

BS3WΦ6S = 14.59' BS3WΦ1D = 1Φ.61'

MW32-98 = 14.4Φ' BS3WΦ1S = 1Φ.22'

MW31-98 = 11.89' PW36 = 9.98'

BS3W17S = 1Φ.31' PW35 = 14.17'

HW23 = 9.77' PW44 = 4.26'

HW22 = 12.95' PW45 = 6.28'

HISS-17S = 5.34' PW46 = 11.32'

Recorded By: Lon Hoover 5/n/24 QA: BK 5-13-24

COC: LE0S162024-04ML
LE0S162024-11TA

DATE: 5-14-24

FIELD CREW: Zach Matthews Brad Kohlfeld

WEATHER: Overcast. spot showers; mid 60's

WELL ID: PW-36 SAMPLE ID: SVP275671

TOTAL DEPTH: 88.0' WELL DIAMETER: 2in

SCREEN INTERVAL: 83.0'-87.9' MIDDLE OF SCREEN: 85.5 ft BTOC

STARTING WATER LEVEL: 9.94ft FINAL WATER LEVEL: 10.13ft

EVACUATION METHOD: Micro purge with peristaltic pump

EQUIPMENT SERIAL #'S: peristaltic pump: D14005132 Horiba: GLW103199
WLI: GLW103228

PURGE START TIME: ~~0853~~ 0903 PURGE END TIME: 1141 TOTAL VOLUME PURGED: 47.400

SAMPLE START TIME: 1142 SAMPLE END TIME: 1148

*mL removed before purge began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	~~µS/cm~~ mS/cm Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0903	300	3000	6.84	0.401	95.0	3.68	16.30	68	10.11
0906		3300	6.99	0.370	124	3.54	16.16	52	10.11
0909		3600	7.09	0.358	62.3	3.43	16.12	37	10.11
0912		3900	7.17	0.358	44.1	3.24	16.08	23	10.12
0915		4200	7.24	0.359	41.7	3.12	16.04	12	10.12
0918		4500	7.28	0.360	36.7	3.03	16.00	3	10.12
0938		10,500	7.46	0.380	12.5	2.86	15.93	-52	10.12
0958		16,500	7.56	0.410	10.9	2.58	15.98	-82	10.12
1018		22,500	7.60	0.466	5.0	2.35	16.00	-96	10.12
1038		28,500	7.62	0.497	8.7	2.34	16.00	-100	10.12
1058		34,500	7.63	0.527	10.9	2.33	16.04	-102	10.13
1118		40,500	7.63	0.556	7.0	2.09	16.13	-103	10.13
1138		46,500	7.63	0.578	11.5	2.11	15.98	-103	10.13
1141	—	47,400	7.63	0.588	9.2	2.03	16.00	-103	10.13

Recorded By: 5-14-24 QA: 5-28-24

DATE: 5-14-24

FIELD CREW: Zach Matthews; Brad Kohlfeld

5-14-24

WEATHER: Heavy overcast, light rain, low 60's

5-14-24

DAILY TASK ACTIVITY: 0730: meet at SLAPS, check in Horiba and load equipment for groundwater sampling. Depart for PW-36 (0820)

0830: PW-36: set up workstation. Well volume = 88.0 - 9.94 = 78.06

x 0.16 = 12.48G x 3785mL = 47.273mL

0853: start pumping PW-36 at 300 mL/min

0903: start purging PW-36

1142: Begin sampling PW-36 → end sampling at 1148

load vehicle. Depart for SLAPS (1200)

1200 SLAPS: unload water + equipment.

5-14-24

Recorded By: 5-14-24 QA: 5/28/24

COC: LEΦ5162Φ24-ΦGML
LEΦ5162Φ24-13TA

DATE: 5.15.24

FIELD CREW: Bradley Kohlfeld

WEATHER: Cloudy/overcast, 65°

WELL ID: PW45 SAMPLE ID: SLA275683

TOTAL DEPTH: 22.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 12.3'-22.3' MIDDLE OF SCREEN: 17.3'

STARTING WATER LEVEL: 5.57' FINAL WATER LEVEL: 5.65'

EVACUATION METHOD: Micro Purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ328 BK 5.15.24
Peristaltic pump = D14ΦΦ5132

PURGE START TIME: ΦΒ4Φ BK 5.15.24 PURGE END TIME: Φ929 TOTAL VOLUME PURGED: 11,ΦΦΦmL

SAMPLE START TIME: Φ925 Φ926 SAMPLE END TIME: Φ94Φ

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 5.15.24 Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΒ4Φ	2ΦΦ	2ΦΦΦ*	6.25	1.24	2.Φ	2.89	15.57	234	5.63
ΦΒ43		26ΦΦ	6.54	1.21	Φ.Φ	1.8Φ	15.16	214	5.64
ΦΒ46		32ΦΦ	6.65	1.2Φ	Φ.Φ	1.58	15.ΦS	2Φ9	5.62
ΦΒ49		38ΦΦ	6.81	1.19	Φ.Φ	1.4Φ	14.96	199	5.64
ΦΒ52		44ΦΦ	6.89	1.17	Φ.Φ	1.Φ8	15.72	194	5.62
ΦΒ55		5ΦΦΦ	7.Φ4	1.18	Φ.Φ	1.41	16.11	185	5.62
Φ9ΦΦ		6ΦΦΦ	7.1Φ	1.17	Φ.Φ	1.24	14.91	178	5.64
Φ9Φ5		7ΦΦΦ	7.17	1.15	Φ.9	1.1Φ	14.77	17Φ	5.65
Φ91Φ		8ΦΦΦ	7.24	1.Φ9	Φ.Φ	1.11	14.72	16Φ	5.65
Φ915		9ΦΦΦ	7.31	1.Φ5	Φ.Φ	1.Φ5	14.66	153	5.65
Φ92Φ		1ΦΦΦΦ	7.36	1.Φ3	Φ.Φ	Φ.98	14.64	147	5.65
Φ925		11,ΦΦΦ	7.4Φ	Φ.99Φ	Φ.Φ	Φ.97	14.68	139	5.65
				BK 5.15.24					

Recorded By: 5-15-24 QA: 5/2Φ/24

DATE: 5.15.24

FIELD CREW: Bradley Kohlfeld & Zach Matthews

BK 5.15.24

WEATHER: AM: Cloudy/overcast, 65°
PM: Mostly sunny, 74°

BK 5.15.24

DAILY TASK ACTIVITY: ΦΒ2Φ: Arrive @ PW45 to sample for Rad + Metals (coming from MBB CWC previous to this)

1 Well Volume (22.3-5.57 = 16.73 × Φ.16 = 2.68 gal × 3785 = 1Φ,132 mL)

ΦΒ3Φ: Begin pumping water BK 5.15.24 of PW45 @ 2ΦΦ mL/min

ΦΒ4Φ: Begin purging of PW45 @ 2ΦΦ mL/min

Φ94Φ: End sampling, pack vehicle, move to PW44

Φ95S: Arrive @ PW44 to sample Rad + Metals

1 well volume (2Φ.1 - 3.29 = 16.81 × Φ.16 = 2.69 gal × 3785 = 1ΦΒ1 mL)

1ΦΦΦ: Begin Pumping PW44 @ 1ΦΦ mL/min

1Φ17: Beging Purging PW44 @ 1ΦΦ mL/min

1213: End sampling of PW44, load vehicle, take lunch break

1345: Arrive @ BS3WΦ15, unload equipment, set up for sampling Rad + Metals

14ΦΦ: Begin pumping BS3WΦ15 @ 200 mL/min

14Φ6: Begin purging BS3WΦ15 @ 2ΦΦ mL/min

1 well volume (28.5' - 9.57' = 18.93' × Φ.16 = 3.Φ3 gal × 3785 mL/gal = 11464 mL)

1515: End sampling of BS3WΦ15, pack vehicle, depart for SLAB (1525)

Recorded By: 5-15-24 QA: 5/2Φ/24

COC: LE05162024-06ML
LE05162024-13TA

DATE: 5-15-24

FIELD CREW: Bradley Kohlfeld + Zach Matthews

WEATHER: Cloudy / overcast

WELL ID: PW44 SAMPLE ID: SLA275682

TOTAL DEPTH: 20.1' WELL DIAMETER: 2"

SCREEN INTERVAL: 10.1 - 20.1' MIDDLE OF SCREEN: 15.1'

STARTING WATER LEVEL: 3.29' FINAL WATER LEVEL: 6.79

EVACUATION METHOD: Micro Purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW103199, WLI = GLW103228
Peristaltic Pump: D14005132

PURGE START TIME: 1017 PURGE END TIME: 1149 TOTAL VOLUME PURGED: 1000

SAMPLE START TIME: 1150 SAMPLE END TIME: 1213

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 5.15.24 Sp. Cond. (~~uS/cm~~)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1017	100	1700*	7.31	0.602	0.0	1.60	16.04	153	4.60
1020		2000	7.16	0.808	0.5	1.43	15.95	152	4.79
1023		2300	7.15	0.810	0.0	1.15	15.88	148	4.96
1026		~~2400~~ 2600 BK 5.15.24	7.27	0.810	0.0	0.96	15.84	144	5.17
1029		2900	7.20	0.812	0.0	0.88	15.87	139	5.38
1039		3900	7.20	0.810	0.2	0.71	16.02	127	5.80
1049		4900	7.19	0.810	0.0	0.66	16.24	114	6.12
1059		5900	7.03	0.809	0.0	0.62	16.32	104	638
1109		6900	7.27	0.809	3.0	0.60	16.66	96	658
1119		7900	7.17	0.801	0.0	0.54	17.03	88	6.70
1129		8900	7.22	0.808	0.0	0.58	17.00	82	6.73
1139		9900	7.22	0.806	0.0	0.56	17.02	77	6.76
1149		10900	7.21	0.805	0.0	0.59	17.55	74	6.79
				BK 5.15.24					

Recorded By: 5-15-24 QA: 5/20/24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

BK 5.16.24

Recorded By: QA:

LEØS162Ø24ØSML
COC: LEØS162Ø24-14TA

DATE: 5-15-24

FIELD CREW: Bradley Kohlfeld & Zach Matthews

WEATHER: Mostly Sunny,

WELL ID: B53WØ15 SAMPLE ID: SØ275662

TOTAL DEPTH: 28.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 22.5' - 25.7' MIDDLE OF SCREEN: 25.1'

STARTING WATER LEVEL: ~~Micro~~ BK 5.15.24 9.57' FINAL WATER LEVEL: 1Ø.Ø2'

EVACUATION METHOD: Micro purging with Peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Ø3199, WLI = GLW1Ø3228
Peristaltic Pump = D14ØØ5132

PURGE START TIME: 14Ø6 BK 5.15.24 PURGE END TIME: 1459 TOTAL VOLUME PURGED: 118ØØmL

SAMPLE START TIME: ~~1415~~ 1500 SAMPLE END TIME: 1511

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. mS/cm ~~µS/cm~~ BK 5.15.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
14Ø6	2ØØ	12ØØ*	7.Ø4	Ø.89Ø	3.6	4.7Ø	17.38	176	9.78
14Ø9		18ØØ	6.99	Ø.9Ø2	1.1	1.9Ø	16.88	178	9.92
1412		24ØØ	6.97	Ø.9Ø5	Ø.4	1.51	16.75	177	1ØØØ
1415		3ØØØ	6.95	Ø.9Ø8	Ø.Ø	1.15	16.51	177	1Ø.Ø1
1418		36ØØ	6.94	Ø.912	Ø.Ø	1.Ø4	16.33	177	1Ø.Ø6
1421		42ØØ	6.94	Ø.913	Ø.Ø	Ø.94	16.31	176	1Ø.Ø8
1424		48ØØ	6.94	Ø.918	Ø.Ø	Ø.87	16.22	176	1Ø.Ø9
1429		58ØØ	6.94	Ø.921	Ø.Ø	Ø.77	15.97	176	1Ø.11
1434		68ØØ	6.94	Ø.92Ø	Ø.Ø	Ø.7Ø	16.Ø6	175	1Ø.12
1439		78ØØ	6.94	Ø.926	Ø.Ø	Ø.61	16.19	173	1Ø.14
1444		88ØØ	6.94	Ø.925	Ø.Ø	Ø.6Ø	16.5Ø	172	1Ø.13
1449		98ØØ	6.94	Ø.93Ø	Ø.Ø	Ø.54	16.ØØ	171	1Ø.18
1454		1ØØ8ØØ	6.93	Ø.93Ø	Ø.Ø	Ø.54	16.54	168	1Ø.15
1459		118ØØ	6.94	Ø.935	Ø.Ø	Ø.5Ø	16.44	166	1Ø.ØØ

Recorded By: 5-15-24 QA: 5/20/24

DATE: 5/16/24

FIELD CREW: Bradley Kohlfeld & Zach Matthews

BK 5-16-24

WEATHER: Cloudy, rain, 66°

BK 5-16-24

DAILY TASK ACTIVITY: Ø83Ø: Arrive at MW32-98 (coming from MBBCWC, see page 91 in FP 1179) BK 5.16.24, prepare to sample Rad + Metals as well as water quality measurements.

Ø845: Begin pumping of MW32-98 @ 8ØmL/min

Ø859: Begin purging of MW32-98 @ 8ØmL/min

1 well volume (2Ø.3' - 13.94' = 6.36' × Ø.16 = 1.Ø2 gal × 3785 mL/gal = 3852 mL)

Ø9Ø3: Start packing/loading vehicle due to heavy rain, no samples were taken @ MW32-98

Stand down due to heavy rain/wind (Ø91Ø - 11ØØ)

11ØØ: Take Lunch

12ØØ: Return EQ, place samples from MBBCWC in secure storage after rad survey, unload purge water

BK 5-16-24

Recorded By: QA: 5/20/24

COC: N/A

DATE: 5/16/24

FIELD CREW: Bradley Kohlfeld

WEATHER: Cloudy, rain, 66°

WELL ID: MW32-98 SAMPLE ID: N/A, No samples taken due to heavy rain/wind

TOTAL DEPTH: 20.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 19.7' - 9.7' MIDDLE OF SCREEN: 14.7'

STARTING WATER LEVEL: 13.94' FINAL WATER LEVEL: 14.06

EVACUATION METHOD: Micro Purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1003199, WLI: GLW1003228
Peristaltic Pump: D14005132

PURGE START TIME: 0859 PURGE END TIME: 0903 TOTAL VOLUME PURGED: 1440mL
BK 5-16-24

SAMPLE START TIME: N/A SAMPLE END TIME: N/A

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm ~~µS/cm~~ BK 5-16-24)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0859	80	1220*	6.99	0.460	5.8	3.72	19.00	225	14.05
0902		1,360	6.98	0.473	7.0	3.74	17.28	244	14.06
0905		1,600							
0908									

BK 5-16-24

Recorded By: 5-16-24 QA: 5/20/24

DATE: 5/20/24

FIELD CREW: Lou Howe & Brad Kohlfeld Witness: none

1H 5.24.24

WEATHER: Overcast, 81°F

2H 5.20.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS and calibrate Horibas and load equipment for groundwater sampling.

0855: Arrive at B53W010 and setup to purge and sample for Rad.'s & metals.

0907 - Begin pumping purging of B53W010 at 150 mL/min.

0912 - Adjust purge rate to 300 mL/min.

1 well volume (B53W010) = 96' - 10.61' = 85.39' x 0.16 = 13.66 gal. x 3785 = 51,712 mL

1205 - Complete purging of B53W010 and begin sampling.

1220 - Complete sampling of B53W010 and return to SLAPS to secure samples and off-load equipment.

5.20.24

2H

Recorded By: 5/20/24 QA: 5/28/24

COC: LEΦ5232Φ24-Φ4ML
LEΦ5232Φ24-Φ5TA

DATE: 5/20/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 81°F

WELL ID: B53WΦ1D SAMPLE ID: CWC275661

TOTAL DEPTH: 96' WELL DIAMETER: 2"

SCREEN INTERVAL: 85'-95' MIDDLE OF SCREEN: 9Φ'

STARTING WATER LEVEL: 1Φ.61' FINAL WATER LEVEL: 1Φ.88'

EVACUATION METHOD: Micro purge with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GCW1Φ3199, WLI = 6UB1Φ3228,
peristaltic pump = D14ΦΦ5132

PURGE START TIME: ~~ΦΦ7~~ 0920 cal removed PURGE END TIME: 12Φ5 TOTAL VOLUME PURGED: 5275Φ

SAMPLE START TIME: 12Φ5 SAMPLE END TIME: 122Φ

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ92Φ	3ΦΦ	315Φ*	6.7Φ	1.Φ4	62.8	3.6Ø	16.31	68	1Φ.75
Φ923		4Φ5Φ	6.98	1.Φ2	16.5	1.16	16.12	21	1Φ.76
Φ926		495Φ	7.1Φ	1.Φ1	15.1	Φ.78	16.Φ7	-19	1Φ.76
Φ929		5850	7.2Φ	1.Φ1	23.8	Φ.66	16.36	-6Φ	1Φ.76
Φ932	4th Cond	~~6Φ7~~ 6Φ5Φ	7.25	1.Φ1	13.4	Φ.49	16.27	-81	1Φ.76
Φ935		765Φ	7.26	1.ΦΦ	1Φ.3	Φ.46	16.35	-88	1Φ.76
Φ938		855Φ	7.29	Φ.998	1Φ.2	Φ.43	16.45	-1Φ5	1Φ.76
Φ941		945Φ	7.29	Φ.999	8.Φ	Φ.42	16.37	-1Φ9	1Φ.76
Φ956		1395Φ	7.33	1.ΦΦ	2.6	Φ.34	16.32	-138	1Φ.73
1Φ.11		1845Φ	7.35	1.ΦΦ	5.8	Φ.3Φ	16.85	-152	1Φ.73
~~1Φ.31~~ 1Φ41		2745Φ	7.36	Φ.998	4.6	Φ.23	16.83	-163	1Φ.78
1111		3645Φ	7.36	Φ.998	3.8	Φ.22	17.Φ1	-167	1Φ.83
1141		4545Φ	7.37	1.ΦΦ	5.Φ	Φ.18	17.Φ7	-169	1Φ.84
12Φ5	2nd Cond	~~5275Φ~~ 5265Φ	17.4Φ	1.ΦΦ	4.7	Φ.17	17.Φ4	-169	1Φ.84

Recorded By: Lon Hoover 5/2Φ/24 QA: 5-28-24

DATE: 5/21/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

Alt 5.21.24

WEATHER: Mostly Sunny, 79°F

Alt 5.21.24

DAILY TASK ACTIVITY: ΦΒΦΦ - Meet at SLAPS to calibrate Horibas and load equipment for ground water sampling.

ΦΒ4Φ - Arrive at PW46 to sample for Rad.'s metals.

well volume (PW46) = 23' - 11.41' = 11.59' x Φ.16 = 1.85g x 3785 = 7ΦΦ2 mL.

ΦΒ5Φ - Begin pumping of PW46 at 15Φ mL/min.

ΦΒ58 - Begin purging of PW46.

Φ937 - Begin sampling of PW46.

Φ953 - Complete sampling of PW46 and move to another location.

1Φ12 - Arrive at ~~MW32-98~~ MW32-7B to sample for Rad.'s metals.

well volume (MW32-98) = 2Φ.3' - 13.95' = 6.35' x Φ.16 = 1.Φ5g x 3785 = 3974 mL

1Φ22 - Begin pumping of MW32-98 at 1ΦΦ mL/min.

1Φ27 - Adjust pump rate to 11Φ mL/min.

1Φ32 - Begin purging of MW32-98.

1Φ59 - Begin sampling of MW32-98.

12Φ - Complete sampling of MW32-98 and break for lunch.

Recorded By: Lon Hoover 5/21/24 QA: 5-28-24

COC: LE05232024-10ML
LE05232024-11TA

DATE: 5/21/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 79°F

WELL ID: PW46 SAMPLE ID: ~~EVE~~ 24 SLA275684

TOTAL DEPTH: 23' WELL DIAMETER: 2"

SCREEN INTERVAL: 17.5' - 22.5' MIDDLE OF SCREEN: 20'

STARTING WATER LEVEL: 11.41' FINAL WATER LEVEL: 12.19'

EVACUATION METHOD: Micro purging with persistaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW 10788 (24 5.24), WLI = GLW 103238

peristaltic pump - D1990 14005132

PURGE START TIME: 0858 PURGE END TIME: 0937 TOTAL VOLUME PURGED: 7050 mL

SAMPLE START TIME: 0937 SAMPLE END TIME: 0953

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (~~µS/cm~~ mS/cm 24 5.24)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
~~0858~~ 0850	150	1200*	6.47	2.42	16.1	2.62	18.54	272	11.84
0901		1650	6.69	2.39	12.9	1.46	18.16	269	11.91
0904		2100	6.75	2.38	10.1	1.14	18.44	262	11.93
0907		2550	6.75	2.37	7.4	0.99	18.50	255	11.95
0910		3000	6.76	2.37	5.8	0.88	18.47	248	11.97
0913		3450	6.80	2.37	4.3	0.82	18.57	243	12.00
0916		3900	6.81	2.37	4.1	0.76	18.51	239	12.02
0919		4350	6.82	2.38	3.0	0.73	18.49	234	12.05
0922		4800	6.82	2.37	3.0	0.68	18.45	230	12.07
0925		5250	6.82	2.37	3.0	0.65	18.50	225	12.09
0928		5700	6.82	2.37	2.9	0.63	18.53	222	12.10
0931		6150	6.83	2.37	2.4	0.63	18.56	220	12.11
0934		6600	6.82	2.37	1.9	0.59	18.59	216	12.13
0937	↓	7050	6.82	2.37	1.6	0.60	18.55	214	12.14

Recorded By: Lou E. Hoover 5/21/24 QA: 5-28-24

DATE: 5/21/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

1H | 5.21.24

WEATHER: Mostly Sunny, 90°F

1H | 5.21.24

DAILY TASK ACTIVITY:

1215 - Arrive at PW43 to sample for Rad & metals.

1 well volume (PW43) = 25.5' - 15.11' = 10.39' x 0.16 = 1.66 x 3785 = 6,283 mL

1226 - Begin pumping of PW43 at 400 mL/min.

1228 - Adjusted pump rate to 425 mL/min.

1318 - Begin sampling of PW43.

1338 - Complete sampling of PW43 and return to SLAPS to secure samplers and off-load equipment.

2H 5.21.24

Recorded By: Lou E. Hoover 5/21/24 QA: 5-28-24

COC: LEØS232Ø24-ØBML
LEØS232Ø24-Ø9TA

DATE: 5/21/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 81°F

WELL ID: MW32-98 SAMPLE ID: SVP275669

TOTAL DEPTH: 2Ø.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 9.7'-19.7' MIDDLE OF SCREEN: 14.7'

STARTING WATER LEVEL: 13.95' FINAL WATER LEVEL: ZH 5.21.24 14.7' 14.15'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Ø3199, WLI = GLW1Ø5288,
peristaltic pump = D14ØØ5132 ZH 5.21.24

PURGE START TIME: 1Ø32 PURGE END TIME: 1Ø59 TOTAL VOLUME PURGED: 4Ø1Ø mL

SAMPLE START TIME: 1Ø59 SAMPLE END TIME: 112Ø

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 5.21.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Ø32	11Ø	1Ø5Ø*	7.48	Ø.498	Ø.8	3.1Ø	23.Ø1	18Ø	14.12
1Ø35		13BØ	7.26	Ø.532	Ø	2.78	19.14	195	14.14
1Ø38		171Ø	7.25	Ø.537	Ø	2.52	19.Ø3	2Ø1	14.14
1Ø41		2Ø4Ø	7.24	Ø.539	Ø	2.46	18.98	2Ø2	14.14
1Ø44		237Ø	7.21	Ø.542	Ø	2.4Ø	18.92	2Ø4	14.14
1Ø47		~~2695~~ 2Ø9Ø ZH 5.21.24	7.21	Ø.541	Ø	234	18.ØØ	2Ø6	14.15
1Ø5Ø		3Ø3Ø	7.21	Ø.542	Ø	2.41	17.87	2Ø7	14.15
1Ø53		336Ø	7.21	Ø.542	Ø	2.3Ø	17.92	2Ø8	14.15
1Ø56		368Ø	7.2Ø	Ø.544	Ø	2.3Ø	17.9Ø	21Ø	14.15
1Ø59		4Ø1Ø	7.2Ø	Ø.545	Ø	2.28	17.91	21Ø	14.15

5.21.24 ZH

Recorded By: Lon Hoover 5/21/24 QA: 5-28-24

DATE: 5/22/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

ZH 5.22.24

WEATHER: Mostly Sunny, 71°F

ZH 5.22.24

DAILY TASK ACTIVITY: ØBØØ - Arrive at SCAPS to calibrate Horibas and load equipment for groundwater sampling.

Ø825 - Arrive at HSS-195 to sample for Rad's & metals.

well volume (HSS-195) = 29.6' ZH 5.22.24 - 14.27 = 15.33 X Ø.65 = 9.95 X 3785 = 37,641 mL

ØB4Ø - Begin pumping of HSS-195 @ 25Ø mL/min.

Ø854 - Begin purging of HSS-195.

1112 - Begin sampling of HSS-195.

1138 - Complete sampling of HSS-195 and move to CWC MBB.

1230 - Arrive at HSS-Ø6A to sample for Rad.'s & metals.

well volume (HSS-Ø6A) = 23.3' - 7.73' = 15.57 X Ø.16 = 2.49 X 3785 = 9425 mL

1255 Begin pumping HSS-Ø6A at 2ØØ mL/min.

1305 Begin purging of HSS-Ø6A.

1317 - Adjusted purge rate to 25Ø mL/min.

1337 - Begin sampling of HSS-Ø6A.

1345 - Complete sampling of HSS-Ø6A. Return to SCAPS to secure samples.

Recorded By: Lon Hoover 5/22/24 QA: 5/28/24

COC: LE05232024-08 ML
LE05232024-09 TA

DATE: 5/21/24

FIELD CREW: Lea Howe & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 90°F

WELL ID: PW43 SAMPLE ID: SVP275673

TOTAL DEPTH: ~~25.5'~~ ZH 5.22.24 25.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 10.1' - 20.1' MIDDLE OF SCREEN: 15.1'

STARTING WATER LEVEL: 15.11' FINAL WATER LEVEL: 16.85'

EVACUATION METHOD: ~~10.1' - 20.1' ZH 5.22.24~~ Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW103199, WLI = GLW 10328,
peristaltic pump = 0140 05132 2 ZH 6-6-24

PURGE START TIME: 1234 PURGE END TIME: 1318 TOTAL VOLUME PURGED: 6350 mL

SAMPLE START TIME: 1318 SAMPLE END TIME: 1335

* mL removal before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm ZH 5.22.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC
1234	125	850*	7.49	0.453	0	5.61	25.19	190	15.68
1237	↓	1225	7.50	0.459	0	5.69	21.75	203	15.77
1240		1600	7.49	0.468	0	5.66	20.96	214	15.84
1243		1975	7.48	0.472	0	5.56	20.69	222	15.91
1246		2350	7.46	0.483	0	5.51	19.99	230	15.98
1256		3600	7.39	0.491	0	5.19	19.91	248	16.23
1306		4850	7.38	0.510	0	5.05	19.81	258	16.42
1316		6100	7.31	0.537	0	5.01	19.79	264	16.62
1318	↓	6350	7.30	0.538	0	4.99	19.76	266	16.65
				ZH	5.22.24				

Recorded By: Lea Howe 5/21/24 QA: EZ 5-28-24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

ZH 5.22.24

Recorded By: QA:

COC: LE05232024-14ML
LE05232024-15TA

DATE: 5/22/24

FIELD CREW: Lou Hoover & Brad Kohlfeld

WEATHER: Mostly Sunny, 71°F

WELL ID: HISS-195 SAMPLE ID: HIS 275679

TOTAL DEPTH: 29.6' WELL DIAMETER: 4"

SCREEN INTERVAL: 14.3' - 24.3' MIDDLE OF SCREEN: 19.3'

STARTING WATER LEVEL: 14.27 FINAL WATER LEVEL: 18.03'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1003199, WLI = GLW1003288,
peristaltic pump = D1400005132 2
ZH 6.6.24

PURGE START TIME: 0854 PURGE END TIME: 1112 TOTAL VOLUME PURGED: 38,000 mL

SAMPLE START TIME: 1112 SAMPLE END TIME: 1130

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0854	250	3500*	6.20	1.03	17.6	2.89	17.17	261	14.86
0857		4250	6.51	1.03	14.3	1.27	16.73	219	14.93
0900		5000	6.62	1.02	13.0	0.83	16.55	154	15.03
0903		5750	6.66	1.02	11.6	0.71	16.50	113	15.11
0906		6500	6.68	1.02	12.0	0.59	16.46	64	15.21
0909		7250	6.70	1.02	12.9	0.54	16.41	31	15.28
0912		8000	6.71	1.02	13.1	0.47	16.40	3	15.37
0932		13000	6.79	1.02	27.7	0.30	16.29	-59	15.80
0952		18000	6.81	1.02	17.2	0.22	16.30	-77	16.22
1012		23000	6.83	1.02	15.4	0.17	16.38	-85	16.67
1032		28000 ZH 5.22.24 31000	6.84	1.02	15.3	0.14	16.41	-90	17.14
1052		33000	6.84	1.02	13.6	0.11	16.48	-92	17.58
1112		38000	6.89	1.00	11.0	0.11	16.56	-100	17.98
					ZH	5.22.24			

Recorded By: Lou E. Hoover 5/22/24 QA: 5/28/24

DATE: 5/22/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 5.22.24

WEATHER: Mostly Cloudy, 77°F

ZH 5.22.24

DAILY TASK ACTIVITY:

5.22.24
ZH

Recorded By: QA:

COC: LE05232024-14ML
LE05232024-15TA

DATE: 5/22/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: Jamie Bishop

WEATHER: Mostly Cloudy, 77°F

WELL ID: HISS-06A SAMPLE ID: HIS275675

TOTAL DEPTH: 23.7' WELL DIAMETER: 2"

SCREEN INTERVAL: 17.8'-22.8' MIDDLE OF SCREEN: 20.3'

STARTING WATER LEVEL: 7.73' FINAL WATER LEVEL: 8.16'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW 103199, WLI = GLW 103288, peristaltic pump = D1406132 BK 5-28-24

PURGE START TIME: 1305 PURGE END TIME: 1337 TOTAL VOLUME PURGED: 9,000 mL

SAMPLE START TIME: 1337 SAMPLE END TIME: 1345

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm ~~µS/cm~~ Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1305	200	2000*	7.22	1.25	13.6	17.05	18.19	166	8.05
1308	↓	2600	7.16	1.27	6.5	1.66	16.98	167	8.06
1311	↓	3200	7.12	1.28	19.8	1.08	16.73	165	8.06
1314	↓	3800	7.11	1.28	5.4	0.82	16.69	163	8.06
1317	↓	4400	7.10	1.28	3.7	0.71	16.50	161	8.08
1320	250	5150	7.10	1.28	2.0	0.63	16.39	159	8.11
1323	↓	5900	7.09	1.28	2.6	0.56	16.21	157	8.12
1328	↓	7150	7.10	1.28	2.7	0.47	16.11	154	8.13
1333	↓	8400	7.10	1.28	2.8	0.43	16.00	153	8.13
1337	↓	9000	7.10	1.28	3.1	0.41	16.01	151	8.14

5.22.24 LH

Recorded By: Lon Hoover 5/22/24 QA: 5-28-24

DATE: 5/23/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none Winning=

LH 5.23.24

WEATHER: Overcast, 72°F

LH 5.23.24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAPS to calibrate Horibas and load equipment for groundwater Sampling.

0835 - Arrive at HISS-11A to sample for Rad.: metals.

well volume (HISS-11A) = 23.5' - 12.22' = 11.28 x 0.16 = 1.8 g x 3785 = 6813 mL.

0848 - Begin ~~purging~~ pumping ~~of~~ at HISS-11A at 150 mL/min.

0858 - Begin purging of HISS-11A.

0934 - Begin sampling of HISS-11A.

0944 - Complete sampling and move to CWC MBB.

LH 5.23.24

Recorded By: Lon Hoover 5/23/24 QA: 6-4-24

COC: LE05232024-17ML
LE05232024-18TA

DATE: 5/23/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 72°F

WELL ID: HISS-11A SAMPLE ID: HIS275677

TOTAL DEPTH: 25.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 18'-23' MIDDLE OF SCREEN: 21'

STARTING WATER LEVEL: 12.22 FINAL WATER LEVEL: 13.87

EVACUATION METHOD: micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199, WLI = GLW1Φ3288, BRL 6-5-24
peristaltic pump = D1Φ945231

PURGE START TIME: Φ853 PURGE END TIME: Φ934 TOTAL VOLUME PURGED: 6,9ΦΦ mL

SAMPLE START TIME: Φ934 SAMPLE END TIME: Φ944

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm ~~µS/cm~~ Sp. Cond.	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ853	15Φ	75Φ*	6.28	Φ.71Φ	Φ.9	2.34	16.87	303	12.97
Φ856		12ΦΦ	6.66	Φ.735	Φ.6	1.33	16.59	295	13.18
Φ859		165Φ	6.8Φ	Φ.733	1.Φ	1.ΦΒ	16.49	286	13.ΦΒ
Φ9Φ2		21ΦΦ	6.93	Φ.732	Φ.5	Φ.86	16.47	276	13.42
Φ9Φ5		255Φ	6.95	Φ.732	1.1	Φ.68	16.44	269	13.5Φ
Φ9Φ8		3ΦΦΦ	7.ΦΦ	Φ.731	Φ.7	Φ.61	16.47	262	13.58
Φ911		345Φ	7.Φ1	Φ.731	1.Φ	Φ.54	16.47	257	13.64
Φ916		42ΦΦ	7.Φ3	Φ.731	1.3	Φ.48	16.57	25Φ	13.73
Φ921		495Φ	7.Φ5	Φ.731	1.2	Φ.42	16.7Φ	243	13.78
Φ926		57ΦΦ	7.Φ7	Φ.73Φ	1.3	Φ.39	16.74	238	13.8Φ
Φ931		645Φ	7.Φ6	Φ.731	1.1	Φ.38	16.69	236	13.82
Φ934	↓	69ΦΦ	7.Φ6	Φ.731	1.1	Φ.38	16.71	235	13.82

LH 5.23.24

Recorded By: Lou E. Hoover 5/23/24 QA: BK 6-5-24

DATE: 5/28/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

LH 5.28.24

WEATHER: Mostly Sunny, 74°F

LH 5.28.24

DAILY TASK ACTIVITY: ΦΒΦΦ - Arrive at SLAPS to calibrate Horibas and load equipment for ground water sampling.
ΦΒ15 - Arrive at HISS-Φ1 and prepare to sample for Rad & metals. Note: This is a QA/QC location.
well volume (HISS-Φ1) = 25' - 7.87' = 17.13' x Φ.65 = 11.13 gal x 3785 = 42,127 mL
ΦΒ3Φ - Begin pumping of HISS-Φ1 at 3ΦΦ mL/min.
ΦΒ3Β - Begin purging of HISS-Φ1.
1Φ51 - Begin sampling of HISS-Φ1.
111Φ - Complete sampling of HISS-Φ1 and move to CUC MBB.
124Φ - Arrive at HISS-1Φ to sample for Rad. & metals.
well volume (HISS-1Φ) = 25.7' - 4.49' = 21.21 x Φ.16 = 3.39 gal x 3785 = 12,831 mL.
1247 - Begin pumping of HISS-1Φ at 3ΦΦ mL/min.
1255 - Begin purging of HPS-1Φ.
1333 - Begin sampling of HISS-1Φ.
135Φ - Complete sampling of HISS1Φ and return to SLAPS to secure samples.

Recorded By: Lou E. Hoover 5/28/24 QA: BK 6-5-24

COC: LE Φ5292Φ24-Φ2ML
LE Φ5292Φ24-Φ3TA
LE Φ5292Φ24-Φ4TD

DATE: 5/28/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 74°F

WELL ID: HISS-Φ1 SAMPLE ID: HS 275674 (-11-2)

TOTAL DEPTH: 25' WELL DIAMETER: 4"

SCREEN INTERVAL: 19'-24' MIDDLE OF SCREEN: 21.5'

STARTING WATER LEVEL: 7.87 FINAL WATER LEVEL: 8.59'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3288, BR 6-5-24
peristaltic pump = D1ΦΦ45132

PURGE START TIME: Φ838 PURGE END TIME: 1Φ51 TOTAL VOLUME PURGED: 4230Φ mL

SAMPLE START TIME: 1Φ51 SAMPLE END TIME: 111Φ

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ838	3ΦΦ	24ΦΦ*	6.Φ7	1.Φ7	Φ	7.5Φ	16.95	313	8.25
Φ841		33ΦΦ	6.48	1.Φ6	Φ	6.32	16.6Φ	3Φ3	8.3Φ
Φ844		42ΦΦ	6.82	1.Φ6	Φ	5.83	16.44	285	8.36
Φ847		51ΦΦ	6.98	1.Φ5	Φ	5.27	16.32	275	8.42
Φ85Φ		6ΦΦΦ	7.12	1.Φ5	Φ	5.66	16.28	268	8.43
Φ9Φ5		1Φ5ΦΦ	7.42	1.Φ5	Φ	5.31	16.32	251	8.51
Φ92Φ		15ΦΦΦ	7.5Φ	1.Φ6	Φ	5.Φ3	16.37	246	8.53
Φ935		195ΦΦ	7.53	1.Φ6	Φ	4.68	16.41	244	8.56
Φ95Φ		24ΦΦΦ	7.54	1.Φ6	Φ	4.32	16.36	243	8.56
1Φ Φ5		285ΦΦ	7.54	1.Φ6	Φ	4.Φ2	16.38	242	8.57
1Φ2Φ		33ΦΦΦ	7.54	1.Φ6	Φ	3.84	16.4Φ	241	8.57
1Φ35		375ΦΦ	7.53	1.Φ6	Φ	3.66	16.47	239	8.57
1Φ5Φ		42ΦΦΦ	7.53	1.Φ6	Φ	3.53	16.Φ9	238	8.58
1Φ51		423ΦΦ	7.53	1.Φ6	Φ	3.52	16.31	238	8.58

Recorded By: [signature] 5/28/24 QA: [signature] 6-5-24

DATE: 5/29/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

2H 5.29.24

WEATHER: Mostly Sunny, 69°F

2H 5.29.24

DAILY TASK ACTIVITY: Φ8ΦΦ - Arrive at SLHS to calibrate Horibas and load equipment for ground water sampling.

Φ815- Arrive at MW31-9B and prepare to sample for Rad & metals.

well volume (MW31-9B) = 34'-6.46' = 27.5 x Φ.16 = 4.4q x 3785 = 16,654 mL

Φ823- Begin pumping of MW31-9B at 3ΦΦ mL/min.

Φ82E- Begin purging of MW31-7B.

Φ919- Begin sampling of MW31-9B.

Φ935- Complete sampling of MW31-9B and move to next location.

1ΦΦΦ- Arrive at HW22 and prepare to sample for Rad & metals.

well volume (HW22) = 3Φ'-12.65' = 17.35 x Φ.16 = 2.77q x 3785 = 1Φ,484 mL.

1Φ16- Begin pumping of HW22 at 3ΦΦ mL/min.

1Φ51- Begin sampling of HW22.

1Φ6- Complete sampling of HW22 and break for lunch, secure samples and off-load equipment.

Recorded By: [signature] 5/29/24 QA: [signature] 6-5-24

LEΦ5292Φ24-Φ2ML
COC: LEΦ5292Φ24-Φ37A

DATE: 5/28/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 82°F

WELL ID: HISS-1Φ SAMPLE ID: HIS275676

TOTAL DEPTH: 25.7' WELL DIAMETER: 2"

SCREEN INTERVAL: 18.7' - 23.4' MIDDLE OF SCREEN: 21.1'

STARTING WATER LEVEL: 4.49' FINAL WATER LEVEL: 5.23'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3288, peristaltic pump = D1ΦΦ45231

BK 5-29-24

PURGE START TIME: 1255 PURGE END TIME: 1333 TOTAL VOLUME PURGED: 13,8ΦΦ mL

SAMPLE START TIME: 1333 SAMPLE END TIME: 135Φ

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1255	3ΦΦ	24ΦΦ*	7.55	1.Φ7	Φ	3.36	18.1Φ	18Φ	5.19
1258		33ΦΦ	7.47	1.ΦΒ	Φ	1.Φ2	16.97	182	5.21
13Φ1		42ΦΦ	7.42	1.ΦΒ	Φ	Φ.5Β	16.54	181	5.23
13Φ4		51ΦΦ	7.4Φ	1.Φ9	Φ	Φ.41	16.39	17Β	5.23
13Φ7		6ΦΦΦ	7.4Φ	1.Φ9	Φ	Φ.34	16.37	177	5.23
131Φ		69ΦΦ	7.39	1.Φ9	Φ	Φ.29	16.28	175	5.23
1313		78ΦΦ	7.39	1.Φ9	Φ	Φ25	16.25	173	5.23
1323		1Φ8ΦΦ	7.39	1.Φ7	Φ	Φ.1Β	16.17	165	5.23
1333		138ΦΦ	7.38	1.Φ7	Φ	Φ.14	16.2Φ	158	5.23

5.28.24

7#

Recorded By: Lon Hoover 5/28/24 QA: BK 6-5-24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

BK 5-3Φ-24

Recorded By: QA:

COC: LEΦS292Φ24-ΦSML
LEΦS292Φ24-Φ77A

DATE: 5/22/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly sunny, 67°F

WELL ID: MW31-98 SAMPLE ID: SVP275668

TOTAL DEPTH: 341 WELL DIAMETER: 2"

SCREEN INTERVAL: 18.4'-33.4' MIDDLE OF SCREEN: 25.9'

STARTING WATER LEVEL: 6.46' FINAL WATER LEVEL: 7.89

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199, WLI: GLW1Φ3288, BK 6-5-24
peristaltic pump: D1ΦΦ45231

PURGE START TIME: Φ828 PURGE END TIME: Φ919 TOTAL VOLUME PURGED: 16,8ΦΦ mL

SAMPLE START TIME: Φ919 SAMPLE END TIME: Φ935

mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ828	3ΦΦ	15ΦΦ*	6.19	2.38	27.5	3.91	15.45	289	7.14
Φ831		24ΦΦ	6.62	2.37	15.3	1.56	15.Φ5	262	7.28
Φ834		33ΦΦ	6.79	2.36	7.5	1.1Φ	14.91	249	7.39
Φ837		42ΦΦ	6.92	2.35	8.Φ	Φ.85	14.98	237	7.48
Φ84Φ		51ΦΦ	6.99	234	3.6	Φ.71	14.7Φ	229	7.54
Φ843		6ΦΦΦ	7.Φ3	2.79	1.7	Φ.65	14.68	223	7.58
Φ846		69ΦΦ	7.Φ9	2.ΦΦ	1.6	Φ.68	14.67	218	7.62
Φ9Φ1		114ΦΦ	7.12	Φ.71Φ	1.7	4.37	14.51	21Φ	7.74
Φ916		159ΦΦ	7.12	Φ.7Φ8	Φ.4	4.35	14.46	216	7.83
Φ919	↓	168ΦΦ	7.11	Φ.71Φ	Φ.Φ	4.33	14.48	218	7.84
					5.29.24				
				24					

Recorded By: [signature] 5/29/24 QA: BK 6-5-24

DATE: 5/3Φ/24

FIELD CREW: Bradley Kohlfeld, Dominic Steffl

BK/5.3Φ.24

WEATHER: Sunny, mid 6Φ's

BK/5.3Φ.24

DAILY TASK ACTIVITY: Φ73Φ: Arrive at SLAPS to calibrate Horibas and load water sampling equipment into vehicle.

ΦBΦ5: Arrive at HW23 and prepare to sample for Rad and Metals

ΦB17: Begin pumping of HW23 at 3ΦΦ mL/min

ΦB25: Begin purging of HW23 at 3ΦΦ mL/min

1 well volume = (HW23): 93.5' - 9.86' = 83.64' x Φ.16 = 13.38 ft³ x 3785 mL/gal = 5Φ,652 mL

1115: Begin sampling of HW23.

1135: Complete sampling and break for lunch

(The rest of today's activities are in EP.1194)

BK 5.3Φ.24

Recorded By: BK 5-3Φ-24 QA: [signature] 6/3/24

COC: LEØS292Ø24-ØØ8ML
LEØS292Ø24-ØØ9TA

DATE: 5/29/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 71°F

WELL ID: HW22 SAMPLE ID: HIS 275 68Ø

TOTAL DEPTH: 3Ø' WELL DIAMETER: 2"

SCREEN INTERVAL: 19'-29' MIDDLE OF SCREEN: 24'

STARTING WATER LEVEL: 12.65' FINAL WATER LEVEL: 13.49'

EVACUATION METHOD: Micro purging with peristaltic pump-2

EQUIPMENT SERIAL #'S: Horiba = GLW1Ø3199, WLI: GLW1Ø3288, BK 6-5-24
peristaltic pump = D1ØØ45132

PURGE START TIME: 1Ø24 PURGE END TIME: 1Ø51 TOTAL VOLUME PURGED: 1Ø,5ØØ mL

SAMPLE START TIME: 1Ø51 SAMPLE END TIME: 11Ø6

* all removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm / µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Ø24	3ØØ	24ØØ*	6.97	1.97	Ø	2.65	16.5Ø	227	13.33
1Ø27	↓	33ØØ	6.82	2.Ø2	Ø	1.76	15.43	232	13.39
1Ø3Ø		42ØØ	6.78	2.Ø3	Ø	1.3(	15.32	232	13,49
1Ø33		51ØØ	6.76	2.Ø3	Ø	1.2Ø	15.15	23(	13.52
1Ø36		6ØØØ	6.76	2.Ø3	Ø	1.11	15.1Ø	231	13.5Ø
1Ø46		9ØØØ	6.77	2.Ø2	Ø	Ø.9(	15.Ø9	228	13.53
1Ø51	↓	1Ø5Ø	6.76	2.Ø2	Ø	Ø.93	15.11	226	13.56

5.29.24

Recorded By: Jm S. Hoover 5/29/24 QA: 6-5-24

DATE: 6/3/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

XH 6.3.24

WEATHER: Partly Cloudy, 76°F

XH 6-3-24

DAILY TASK ACTIVITY: ØBØØ - Arrive at SLAPS to calibrate Horibas and load equipment for groundwater sampling.

ØBIØ - Arrive at PW42 and prepare to sample for Rad.'s metals.

well volume (PW42) = 85.1' - 1Ø.89' = 74.21 x Ø.16 = 11.8g x3785 = 44,663mL

ØBI3 - Begin pumping of PW42 at 3ØØ mL/min.

ØBI9 - Begin purging of PW42.

Ø929 - Intern Ankit Goswami (USACE) arrived at PW42 to observe groundwater sampling.

1Ø38 - Begin sampling of PW42.

1Ø52 - Complete sampling of PW42 and break for lunch.

12IØ - Arrive at B53WØ95 and prepare to sample for Rad.'s metals.

well volume (B53WØ95) = 35' - 15.94' = 19.Ø6 x Ø.16 = 3.Ø5g x3785 = 11,542 mL

1226 - Begin pumping of B53WØ95 at 25Ø mL/min.

1232 - Begin purging of B53WØ95.

1313 - Begin sampling of B53WØ55. (continued on pg. # 41)

Recorded By: Jm S. Hoover 6/3/24 QA: 6-5-24

COC: LE◇53◇2◇24-◇1 ML
LE◇53◇2◇24-◇2 TA

DATE: 5/3◇/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl

WEATHER: Sunny, mid 60's

WELL ID: HW 23 SAMPLE ID: H15275681

TOTAL DEPTH: 93.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 91.5-93.5' MIDDLE OF SCREEN: 92.5'

STARTING WATER LEVEL: 9.86' FINAL WATER LEVEL: 1◇.32'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = 6LW1◇3199 WLI = 6LW1◇3228
Peristaltic Pump = D1◇◇45132

PURGE START TIME: ◇825 PURGE END TIME: 1115 TOTAL VOLUME PURGED: 53,4◇◇mL

SAMPLE START TIME: 1115 SAMPLE END TIME: 1128

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
◇825	300mL/min	24◇◇*	6.75	1.◇4	262	4.16	14.16	275	1◇.27
◇83◇		39◇◇	7.22	1.◇4	163	2.89	13.99	177	1◇.25
◇835		5,4◇◇	7.43	1.◇2	89.2	2.31	13.85	74	1◇.28
◇84◇		6,9◇◇	7.52	1.◇2	52.3	2.◇5	13.79	-19	1◇.3◇
◇845		8,4◇◇	7.55	1.◇1	28.2	2.14	13.78	-62	1◇.33
◇9◇◇		12,9◇◇	7.6◇	1.◇◇	9.8	1.83	13.76	-101	1◇.38
◇915		17,4◇◇	7.61	1.◇◇	16.8	1.7◇	13.78	-115	1◇.42
◇93◇		21,9◇◇	7.61	1.◇◇	22.7	1.67	13.84	-12◇	1◇.44
◇945		26,4◇◇	7.61	◇.985	14.2	1.61	13.84	-123	1◇.49
1◇◇◇		3◇,9◇◇	7.61	1.◇◇	15.7	1.6◇	13.94	-124	1◇.5◇
1◇15		35,4◇◇	7.61	1.◇◇	13.6	1.6◇	14.◇◇	-125	1◇.53
1◇3◇		39,9◇◇	7.61	1.◇1	13.8	1.62	14.◇6	-126	1◇.53
1◇45		44,4◇◇	7.6◇	1.◇◇	11.8	1.61	14.1◇	-126	1◇.55
11◇◇		48,9◇◇	7.6◇	1.◇2	1◇5	1.6◇	14.12	-126	1◇.56
1115		53,4◇◇	7.6◇	1.◇1	9.9	1.63	14.1◇	-126	1◇.59

5-3◇-24

Recorded By: QA: 6/3/24

DATE: 6/3/24

FIELD CREW: See pg. #39
2H 6.3.24

WEATHER: See pg. #39
2H 6-3-24

DAILY TASK ACTIVITY:

→ (continued from pg. #39)

133◇ - Complete sampling of B53W◇9S and return to SLABS to secure samples and off-load equipment.

6.3.24
2H

Recorded By: 6/3/24 QA: 6-5-24

COC: LEΦ6Φ32Φ24-Φ7ML
LEΦ6Φ32Φ27-ΦBTA
6/6.10.24

DATE: 6/3/24

FIELD CREW: Lon Hoover & Brad Kohlfeld (witness: none

WEATHER: Partly Cloudy, 76°F

WELL ID: PW42 SAMPLE ID: SVI 275 672

TOTAL DEPTH: 85.1' WELL DIAMETER: 2"

SCREEN INTERVAL: 83'-85' MIDDLE OF SCREEN: 84'

STARTING WATER LEVEL: 1Φ.89' FINAL WATER LEVEL: 27.Φ4

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ32ΦB,
peristaltic pump = D1ΦΦ45321 2# 6.6.24

PURGE START TIME: ΦΦ819 PURGE END TIME: 1Φ38 TOTAL VOLUME PURGED: 44,9ΦΦ mL

SAMPLE START TIME: 1Φ38 SAMPLE END TIME: 1Φ52

+mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΦ819	3ΦΦ	18ΦΦ*	6.42	1.ΦΦ	5.8	2.51	16.79	24Φ	12.51
Φ822		27ΦΦ	6.87	Φ.992	7.6	1.11	16.61	171	13.21
Φ825		36ΦΦ	7.Φ8	Φ.986	2.3	Φ.76	16.62	112	13.77
Φ828		45ΦΦ	7.17	Φ.982	2.2	Φ.63	16.63	75	14.25
Φ831		54ΦΦ	7.24	Φ.977	Φ.Φ	Φ.53	16.59	26	14.79
Φ834		65ΦΦ	7.29	Φ.977	5.3	Φ.44	16.67	-2Φ	15.42
Φ837		74ΦΦ	7.32	Φ.975	6.7	Φ.41	16.77	-49	15.89
Φ84Φ		85ΦΦ	7.34	Φ.972	6.3	Φ.38	16.83	-71	16.39
Φ843		94ΦΦ	7.37	Φ.97Φ	6.2	Φ.35	16.79	-87	16.88
Φ846		1Φ5ΦΦ	7.39	Φ.97Φ	6.7	Φ.32	16.89	-99	17.25
Φ849		114ΦΦ	7.4Φ	Φ.97Φ	6.6	Φ.33	17.26	-1Φ7	17.58
Φ852		125ΦΦ	7.4Φ	Φ.969	6.2	Φ.32	17.37	-114	17.95
Φ855		134ΦΦ	7.41	Φ.971	3.9	Φ.31	17.35	-119	18.28
Φ858*	↓	145ΦΦ	7.41	Φ.956	1.5	Φ.29	17.5Φ	-124	18.62

Recorded By: 6/3/24 QA: 6.1Φ.24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

6.4.24

2#

Recorded By: QA:

DATE: 6/3/24

FIELD CREW: See pg. #42
"

WEATHER: _____

WELL ID: PW42 SAMPLE ID: SVP275672

TOTAL DEPTH: See pg. #42 WELL DIAMETER: See pg. #42
"

SCREEN INTERVAL: " MIDDLE OF SCREEN: "

STARTING WATER LEVEL: " FINAL WATER LEVEL: 27.04'

EVACUATION METHOD: "

EQUIPMENT SERIAL #'S: "
"

PURGE START TIME: 0819 PURGE END TIME: 1038 TOTAL VOLUME PURGED: 44,000 mL

SAMPLE START TIME: 1038 SAMPLE END TIME: 1052

*Continued from pg. # 42 (well #PW)

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~ mS/cm 6.3.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0901	300	15400	7.42	0.955	7.7	0.31	17.88	-128	18.94
0904		16500	7.42	0.954	7.1	0.29	17.93	-131	19.22
0907		17400	7.42	0.951	8.0	0.29	18.08	-135	19.50
0910		18500	7.43	0.950	7.9	0.28	18.15	-137	19.78
0913		19400	7.43	0.955	8.1	0.28	18.15	-139	20.12
0923		22400	7.43	0.953	7.8	0.27	18.24	-145	20.98
0933		25400	7.44	0.949	8.6	0.25	18.51	-149	21.78
0943		28400	7.45	0.945	8.7	0.24	18.50	-152	22.60
0953		31400	7.45	0.945	7.8	0.23	18.59	-154	23.41
1003		34400	7.45	0.945	8.3	0.23	18.81	-156	24.33
1013		37400	7.46	0.946	9.0	0.22	18.80	-156	24.92
1023		40400	7.46	0.946	6.4	0.23	18.80	-158	25.59
1033		43400	7.46	0.952	7.2	0.24	18.78	-158	26.18
~~1038~~ 1038 6.3.24		44900	7.46	0.950	8.8	0.23	18.74	-159	26.50

Recorded By: Lucy Hom 6/3/24 QA: 6.10.24

DATE: _____

FIELD CREW: _____

WEATHER: _____

DAILY TASK ACTIVITY: _____

JH 6.9.24

Recorded By: _____ QA: _____

COC: LE06032024-07ML
LE06032024-08TA

DATE: 6/3/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly sunny, 83°F

WELL ID: B53W075 SAMPLE ID: SVP275666

TOTAL DEPTH: 36' WELL DIAMETER: 2"

SCREEN INTERVAL: 30'-35' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 15.94 FINAL WATER LEVEL: 18.16'

EVACUATION METHOD: micro purging with bladder pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1003179, WLI = GLW1032088,
pump controller = GLW1003249

PURGE START TIME: 1232 PURGE END TIME: 1313 TOTAL VOLUME PURGED: 11,750 mL

SAMPLE START TIME: 1313 SAMPLE END TIME: 1330

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1232	250	1500*	7.44	1.02	0	4.48	20.39	133	17.06
1235		2250	7.15	1.04	0	1.86	18.99	138	17.26
1238		3000	7.11	1.04	0	1.53	18.71	137	17.37
1241		3750	7.06	1.04	0	1.16	18.39	134	17.47
1244		4500	7.04	1.05	0	0.91	17.90	130	17.58
1247		5250	7.03	1.05	0	0.75	17.96	126	17.67
1250		6000	7.03	1.05	0	0.65	17.70	122	17.72
1255		7250	7.03	1.06	0	0.53	17.83	116	17.77
1300		8500	7.02	1.07	0	0.46	17.73	110	17.83
1305		9750	7.01	1.08	0	0.38	17.67	104	17.88
1310		11000	7.01	1.08	0	0.33	17.53	99	17.90
1313		11750	6.99	1.09	0	0.28	17.59	95	17.92
					6.3.24				
				1H					

Recorded By: Lou Hoover 6/3/24 QA: 6-10-24

DATE: 6/4/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

1H 6.4.24

WEATHER: Overcast, 72°F

2H 6.4.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horibas and load equipment for ~~surface water~~ groundwater sampling.

0805 - Arrive at B53W070 to sample for Rad & metals.

well volume (B53W070) = 89' - 10.77' = 78.23 x 0.16 = 12.5 g x 3785 = 47,376 mL

0828 - Begin pumping of B53W070 at 300 mL/min.

0830 - Ankit Goswami (USACE) arrives to observe sampling.

0833 - Begin purging of B53W070.

1110 - Complete sampling of B53W070 and move to B53W075.

well volume (B53W075) = 35' - 18.67' = 16.33 x 0.16 = 2.6 g x 3785 = 9841 mL.

1113 - Begin pumping B53W075 at 300 mL/min.

1118 - Begin purging of B53W075.

1146 - Begin sampling of B53W075.

1202 - Complete sampling of B53W075 and move to CWC MBF for surface water sampling.

2H 6-4-24

Recorded By: Lou Hoover 6/4/24 QA: 6-10-24

LE06042024-0871A ML BK 6.10.24
COC: LE06042024-09TA

DATE: 6/4/24

FIELD CREW: Lan Hoover ?, Brad Kohlfeld Witness: none

WEATHER: Overcast, 72°F

WELL ID: B53W07D SAMPLE ID: SVP27566 4 2H 6.4.24

TOTAL DEPTH: 89' WELL DIAMETER: 2"

SCREEN INTERVAL: 77.5' - 87.5' MIDDLE OF SCREEN: 82.5'

STARTING WATER LEVEL: 10.77' FINAL WATER LEVEL: 10.87'

EVACUATION METHOD: micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = 6LW103197, WLI = 6LW1032888, peristaltic pump = D1004532L 2 2H 6.6.24

PURGE START TIME: 0839 PURGE END TIME: 1100 TOTAL VOLUME PURGED: 48,600 mL

SAMPLE START TIME: 1100 SAMPLE END TIME: 1110

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~ mS/cm 6.7.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0833	300	1500*	6.34	1.06	10.8	3.98	14.21	180	10.86
0836		2400	6.87	1.06	4.4	1.14	15.70	43	10.87
0839		3300	6.91	1.06	6.7	0.86	15.66	19	10.87
0842		4200	6.99	1.05	2.3	0.58	15.62	-16	10.87
0845		5100	7.06	1.04	4.3	0.41	15.47	-59	10.87
0848		6000	7.07	1.04	4.4	0.37	15.46	-69	10.87
0851		6900	7.10	1.04	1.8	0.33	15.44	-84	10.87
0911		12900	7.18	1.03	3.3	0.15	15.46	-134	10.87
0931		18900	7.20	1.02	2.2	0.07	15.47	-151	10.87
0951		27900	7.20	1.02	7.6	0.01	15.58	-158	10.87
1011		33900	7.20	1.03	8.8	0.00	15.67	-161	10.87
1031		39900	7.19	1.04	9.0	0.00	15.65	-164	10.87
1051		45900	7.20	1.05	9.5	0.00	15.68	-165	10.87
1100		48600	7.19	1.05	9.2	0.00	15.71	-165	10.87

Recorded By: [signature] 6/4/24 QA: [signature] 6-10-24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

2H 6.5.24

Recorded By: QA:

COC: LE06042024-06ML
LE06042024-06TA

DATE: 6/4/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 78°F

WELL ID: B53W075 SAMPLE ID: SVP275665

TOTAL DEPTH: 35' WELL DIAMETER: 2"

SCREEN INTERVAL: 30'-35' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 18.67' FINAL WATER LEVEL: 19.97'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = G1W103199, WLI = G1W1032088,
peristaltic pump = 01004532C 1 6.6.24 ZH

PURGE START TIME: 1118 PURGE END TIME: 1146 TOTAL VOLUME PURGED: 9,000 mL

SAMPLE START TIME: 1146 SAMPLE END TIME: 1202

+ mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 6.4.24 ZH	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1118	300	1500+	7.05	1.56	9.8	6.51	19.54	-51	19.26
1121		2400	7.01	1.56	5.5	2.42	19.46	-51	19.33
1124		3300	6.96	1.58	5.8	1.38	18.89	-49	19.41
1127		4200	6.95	1.57	1.9	1.03	19.23	-49	19.50
1130		5100	6.94	1.57	3.7	0.81	18.78	-49	19.57
1133		6000	6.94	1.56	3.9	0.73	18.97	-50	19.63
1136		6900	6.94	1.56	2.7	0.68	19.07	-50	19.67
1141		8400	6.94	1.55	5.6	0.59	19.35	-49	19.75
1146		9900	6.95	1.55	3.9	0.57	19.31	-49	19.80

6.4.24 ZH

Recorded By: [signature] 6/4/24 QA: [signature] 6-10-24

DATE: 6.5.24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

KH 6.5.24

WEATHER: Cloudy & rain, 73°F

KH 6.5.24

DAILY TASK ACTIVITY: 0800 - Arrive at SLAPS to calibrate Horibas and load equipment for groundwater sampling.
0820 - Arrive at HSS-175 and prepare to sample for Rad. & metals.
1 well volume (HSS-175) = 22.6' - 6.43' = 16.7 x 0.65 = 10.85 x 3785 = 41067 mL
0837 - Begin pumping of HSS-175 at 250 mL/min.
0843 - Begin purging of HSS-175.
1052 - Begin sampling of HSS-175.
1103 - Complete sampling of HSS-175 and return to SLAPS to secure samples and off-load equipment.

6.5.24 ZH

Recorded By: [signature] 6/5/24 QA: [signature] 6-10-24

COC: LE Φ6Φ62ΦZ4 - Φ4ML
LE Φ6Φ62ΦZ4 - ΦSTA

DATE: 6/5/24

FIELD CREW: Lon Hoover ; Brad Kohlfeld Witness: none

WEATHER: Cloudy ; rain, 73°F

WELL ID: HISS-175 SAMPLE ID: HIS275678

TOTAL DEPTH: 22.6' WELL DIAMETER: 4"

SCREEN INTERVAL: 12.3' - 22.3' MIDDLE OF SCREEN: 17.3'

STARTING WATER LEVEL: 6.43' FINAL WATER LEVEL: 7.Φ7'

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ32ΒΒ,
peristaltic pump = D1ΦΦ45132 2 ZH 6.6.24
BH 6.10.24 1Φ52 ZH 6.5.24

PURGE START TIME: ΦΒ43 PURGE END TIME: 1ΦΦΦ TOTAL VOLUME PURGED: 41,5ΦΦ mL

SAMPLE START TIME: 1Φ52 1ΦΦΦ ZH 6.5.24 SAMPLE END TIME: 11Φ3

4mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΒ43	3ΦΦ	18ΦΦ*	6.54	Φ.5Φ3	Φ.1	5.58	16.72	25Φ	6.77
ΦΒ46		27ΦΦ	6.67	Φ.495	Φ	4.64	16.59	253	6.89
ΦΒ49		36ΦΦ	6.83	Φ.493	Φ	4.33	16.38	256	6.91
ΦΒ52		45ΦΦ	6.96	Φ.491	Φ	4.12	1628	255	6.95
ΦΒ55		54ΦΦ	7.Φ2	Φ.49Φ	Φ	3.89	16.22	252	7.ΦΦ
Φ91Φ		99ΦΦ	7.32	Φ.488	1.5	2.89	16.Φ3	243	7.Φ7
Φ925		144ΦΦ	7.44	Φ.487	1.6	2.Φ1	15.83	235	7.Φ7
Φ94Φ		199ΦΦ	7.49	Φ.486	2.3	1.52	15.72	23Φ	7.Φ7
~~Φ955~~	ZH 6.5.24	244ΦΦ	7.51	Φ.484	3.8	1.29	15.72	226	7.Φ7
~~1ΦΦ~~ ~~Φ958~~		289ΦΦ	7.51	Φ.482	4.Φ	1.17	15.85	222	7.Φ7
~~1ΦΦ5~~ 1ΦΦ3		334ΦΦ	7.51	Φ.48Φ	3.7	Φ.99	15.76	219	7.Φ7
~~1ΦΦΦ~~ ~~1ΦΦ8~~		379ΦΦ	7.5Φ	Φ.479	3.4	Φ.98	15.73	216	7.Φ7
~~1Φ52~~ 1ΦΦΦ		415ΦΦ	7.5Φ	Φ.478	3.5	Φ.94	15.84	214	7.Φ7
					ZH 6.4.24				

Recorded By: Lon E. Hoover 6/5/24 QA: 6/1Φ/24

DATE: 6/6/24

FIELD CREW: Lon Hoover ; Brad Kohlfeld Witness: none

ZH 6.6.24

WEATHER: Mostly sunny, 75°F

ZH 6.6.24

DAILY TASK ACTIVITY: ΦΒΦΦ - Arrive at SLAPS to calibrate Horiba and load equipment for groundwater monitoring.

ΦΒ1Φ - Arrive at ~~B16WΦ65~~ B53WΦ65 to sample for Rad ; metals ; Lead volume (B53WΦ65) = 36' - 14.3' = 21.7 x Φ.16 = 3.5g. x 3785 = 13,141 mL

ΦΒ2Φ - Begin pumping at 1ΦΦ mL/min.

ΦΒ27 - Begin purging of B53WΦ65.

1Φ31 - Begin sampling of B53WΦ65.

1Φ44 - Complete sampling of ~~B53WΦ7~~ ZH 6.6.24 and return to SLAPS to secure sample and off-load equipment. B53WΦ65

6.6.24
ZH

Recorded By: Lon E. Hoover 6/6/24 QA: 6-1Φ-24

COC: LE06062024-0677
LE06062024-0778

DATE: 6/6/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 75°F

WELL ID: B53W065 SAMPLE ID: SVP276663

TOTAL DEPTH: 36' WELL DIAMETER: 2"

SCREEN INTERVAL: 30-35' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 14.30' FINAL WATER LEVEL: 20.04'

EVACUATION METHOD: Micro purging with Bladder pump.

EQUIPMENT SERIAL #'S: Horiba = GLW103199, WLI = GLW103288
pump controller = GLW103249 ZH 6.6.24

PURGE START TIME: 0827 PURGE END TIME: 1031 TOTAL VOLUME PURGED: 13200 mL

SAMPLE START TIME: 1031 SAMPLE END TIME: 1044

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0827	100	700*	6.40	1.48	16.2	8.08	16.54	341	15.10
0830		1000	6.55	1.59	19.9	4.70	16.25	336	15.30
0833		1300	6.71	1.88	21.4	2.71	16.04	326	15.69
0836		1600	6.75	1.99	19.3	1.99	15.85	322	15.95
0839		1900	6.79	2.05	15.7	1.48	15.99	319	16.11
0842		2200	6.80	2.10	13.9	1.20	16.15	316	16.26
0845		2500	6.82	2.11	11.9	1.03	16.22	313	16.37
0848		2800	6.84	2.14	12.9	0.87	16.44	310	16.48
0851		3200	6.86	2.15	11.7	0.78	16.54	308	16.59
0911		5200	6.89	2.18	6.4	0.46	16.58	295	17.35
0931		7200	6.89	2.18	5.8	0.34	16.79	285	17.96
0951		9200	6.90	2.18	6.2	0.70	16.58	277	18.56
1011		11200	6.89	2.18	4.1	0.29	16.54	267	19.03
1031		13200	6.90	2.18	4.3	0.27	16.61	258	19.44

Recorded By: Lou Hoover 6/6/24 QA: 6-10-24

DATE: 6/10/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH 6.10.24

WEATHER: Mostly Sunny, 71°F

ZH 6.10.24

ZH 6.10.24

DAILY TASK ACTIVITY: 0800 - Arrive at 475 SLAPS to calibrate Horibas and load equipment for ground water sampling.
0820 - Arrive at B53W175 to sample for Red. metals.
well volume = 35.5' - 10.36' = 25.14 x 0.65 = 16.34 x 3785 = 61,845mL
0831 = Begin pumping at 300 mL/min.
0836 = Begin purging of B53W175.
1158 - Begin sampling of B53W175.
1210 - Complete sampling of B53W175 and move to CWC MB1 for surface water sampling.

ZH 6.10.24

Recorded By: Lou Hoover 6/10/24 QA: 6-10-24

COC: LE Φ6112024-Φ6ML
LE Φ6112024-Φ7TA

DATE: 6/1Φ/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 71°F

WELL ID: B53W175 SAMPLE ID: SVP275667

TOTAL DEPTH: 35.5' WELL DIAMETER: 4"

SCREEN INTERVAL: 2Φ.3 - 3Φ.3 MIDDLE OF SCREEN: 25.3'

STARTING WATER LEVEL: 1Φ.36' FINAL WATER LEVEL: 11.29'

EVACUATION METHOD: Micro purging with bladder pump

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228
pump controller = GCW1Φ3249

PURGE START TIME: Φ836 PURGE END TIME: 1158 TOTAL VOLUME PURGED: 62,1ΦΦ mL

SAMPLE START TIME: 1158 SAMPLE END TIME: 12Φ

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 6.Φ24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ836	3ΦΦ	15ΦΦ*	5.99	6.3Φ	Φ	5.12	16.36	295	1Φ.58
Φ839		24ΦΦ	6.29	6.31	Φ	2.84	15.66	276	1Φ.7Φ
Φ842		33ΦΦ	6.4Φ	6.29	Φ	2.38	15.52	268	1Φ.76
Φ845		42ΦΦ	6.46	6.3Φ	Φ	1.9Φ	15.77	263	1Φ.81
Φ848		51ΦΦ	6.48	6.3Φ	Φ	1.63	15.34	259	1Φ.85
Φ851		6ΦΦΦ	6.5Φ	6.41	Φ	1.46	15.29	256	1Φ.9Φ
Φ916	1Φ* 135ΦΦ	~~1Φ35Φ~~	6.58	6.35	Φ	1.16	15.27	244	11.Φ5
Φ941	216ΦΦ	~~1785Φ~~	6.55	6.38	Φ	1.16	15.64	237	11.Φ5
1ΦΦ6		285ΦΦ	6.52	6.29	Φ	1.14	15.55	232	11.Φ5
1Φ31		36ΦΦΦ	6.52	6.33	Φ	1.16	15.4Φ	232	11.16
1Φ56		435ΦΦ	6.54	6.34	Φ	1.Φ4	15.38	231	11.21
1121		51ΦΦΦ	6.49	6.37	Φ	Φ.9Φ	15.43	221	11.23
1146		585ΦΦ	6.5Φ	6.34	Φ	1.ΦΦ	15.44	211	11.26
1158		62,1ΦΦ	6.47	6.35	Φ	1.Φ1	15.41	2Φ9	11.27

Recorded By: 6/1Φ/24 QA: 6-19-24

DATE: 6/11/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

7H 6.11.24

WEATHER: Partly Cloudy, 7Φ°F

2H 6.11.24

DAILY TASK ACTIVITY: Φ8ΦΦ - Arrive at SLAPS to calibrate Horibas and load equipment for ground water sampling.
Φ835 - Arrive at PW35 and prepare to sample for Rad. & metals.
Well volume (PW35) = 115' - 12.41' = 1Φ2.5 x Φ.16 = 16.4 x 3785 = 62,Φ74mL
Φ84Φ - Begin pumping of PW35 at 3ΦΦmL/min.
Φ85B - Begin purging of PW35.
12ΦB - Begin Sampling of PW35.
1214 - Complete sampling of PW35 and move to CWC MBB to collect samples, etc.

2H 6.11.24

Recorded By: 6/11/24 QA: 6-19-24

COC: LE06112024-10ML
LE06112024-11TA

DATE: 6/11/24

FIELD CREW: Lon Howe & Brad Kohlfeld Witness: non

WEATHER: Partly Cloudy, 70°F

WELL ID: PW35 SAMPLE ID: SVP275670

TOTAL DEPTH: 115' WELL DIAMETER: 2"

SCREEN INTERVAL: 100' - 115' MIDDLE OF SCREEN: 107.5'

STARTING WATER LEVEL: 12.41' FINAL WATER LEVEL: 15.21

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW 103199, WLI = GLW 103228,
peristaltic pump = 01004 5132

PURGE START TIME: 0858 PURGE END TIME: 1208 TOTAL VOLUME PURGED: 6.400 mL

SAMPLE START TIME: 1208 SAMPLE END TIME: 1214

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm * 6.11.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0858	300	540*	6.63	0.827	6.6	8.58	19.15	227	12.99
0901		630	7.27	0.815	3.3	8.04	19.04	171	13.23
0904		720	7.53	0.819	7.1	7.91	19.02	134	13.45
0907		810	7.60	0.819	20.6	7.76	19.07	97	13.64
0910		900	7.70	0.886	52.9	7.69	19.11	63	13.84
0913		990	7.78	0.946	110.8	7.45	19.33	22	13.90
0916		1080	7.78	1.03	121.7	7.26	19.52	-1	13.98
0919		1170	7.76	1.08	120.1	7.24	19.79	-13	13.99
0922		1260	7.75	1.11	111.3	7.22	20.04	-17	14.00
0925		1350	7.72	1.10	93.1	7.21	20.17	-18	14.01
0928		1440	7.70	1.10	81.3	7.19	20.20	-19	14.02
0953		2190	7.63	0.915	41.7	6.80	20.61	-37	14.15
1018		2940	7.58	0.833	31.2	6.51	20.74	-49	14.36
1043[1]	↓	3690	7.54	0.831	30.0	6.31	20.90	-54	14.52

Recorded By: 6/11/24 QA: 6/19/24

1 = Continued on pg. #60

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

TH 6.11.24

Recorded By: QA:

DATE: 6/11/24

FIELD CREW: See pg. #58
"

WEATHER: "

WELL ID: PW35 SAMPLE ID: SVP27567Φ

TOTAL DEPTH: See pg. #58 WELL DIAMETER: See pg #58
"

SCREEN INTERVAL: " MIDDLE OF SCREEN: "

STARTING WATER LEVEL: " FINAL WATER LEVEL: 15.21

EVACUATION METHOD: "

EQUIPMENT SERIAL #'S: "

ZH 6·11·24

PURGE START TIME: ΦΦ858 PURGE END TIME: 12ΦΦ TOTAL VOLUME PURGED: 62,4ΦΦ mL

SAMPLE START TIME: 12ΦΦ SAMPLE END TIME: 1214

Continued from pg. # 58

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
11ΦΦ	3ΦΦ	44ΦΦ	7.52	Φ.841	45.1	5.98	2Φ.88	-55	14.74
1133	↓	519ΦΦ	7.49	Φ.856	15.4	5.81	2Φ.87	-54	15.ΦΦ
1158		594ΦΦ	7.49	Φ.844	12.9	5.78	2Φ.84	-54	15.17
12ΦΦ		624ΦΦ	7.48	Φ.842	1Φ.3	5.77	2Φ.9Φ	-54	15.21

6·11·24
ZH

Recorded By: [signature] 6/11/24 QA: [signature] 6-19-24

DATE: 6/12/24

FIELD CREW: Lon Hoover & Brad Fohlfeld Witness: none

ZH 6·12·24

WEATHER: Mostly Sunny, 78°F

ZH 6·12·24

DAILY TASK ACTIVITY: ΦΦΦ8 - Arrive at SLAPS to calibrate Hydrolabs and load equipment for ground water sampling at SLOS.
ΦΦ83Φ - Arrive at SLAS and begin comprehensive water level gauging:

B16WΦΦ8 = 21.Φ8'
B16WΦ8S = 19.19'
B16WΦ6D = 18.46'
B16WΦ6S = 2Φ.63'
DW16 = 18.ΦΦ'
DW21 = 9.31'
DW17 = 2Φ.Φ1'
B16WΦ7D = 2Φ.93'
DW18 = 22.38'
B16WΦ9D = 16.83'
DW19RD = 18.Φ3'
DW19RS = 16.89'
DW15 = 22.55'
B16W125 = 14.86'
DW14 = 2Φ.41'

ΦΦ93Φ - Arrive at DW15 to sample.
well volume (DW15) = 64.5' - 22.55' = 41.95 x Φ.16 = 6.7 gal x 3785 = 25396 mL
ΦΦ42 - Begin pumping of DW15 at 3ΦΦ mL/min.
ΦΦ47 - Begin purging of DW15.
1108 - Begin sampling of DW15.
1118 - Complete sampling of DW15.

ZH 6·12·24

Recorded By: [signature] 6/12/24 QA: [signature] 6-19-24

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Recorded By:_____ QA:_____

DATE: 8/12/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl

BK 8/12/24

WEATHER: AM: Partly sunny, mid 70's

BK 8/12/24

DAILY TASK ACTIVITY: 0730: Calibrate horiba and load groundwater sampling equipment

0815: Arrive at HISS-11A and prepare to sample for rad + metals.

1 well volume (HISS-11A) = 23.5' - 13.76' = 9.74' x 0.16 = 1.5584 gal x 3785 mL/gal = 5899 mL

0830: Begin pumping of HISS-11A

0837: Begin purging of HISS-11A

0924: Begin sampling of HISS-11A

0948: End sampling and load vehicle w/ equipment and move to HW22 to sample for rad + metals

1 well volume (HW22) = 30.0' - 14.66' = 15.34' x 0.16 = 2.4544 gal x 3785 mL/gal = 9290 mL

1012: Begin sampling of HW22
1018: Begin purging of HW22
1054: Begin sampling of HW22
1110: End sampling and return to SLAPS for lunch and secure samples

BK 8/12/24

Recorded By: 8/12/24 QA: 8.22.24

DATE: 8/13/24

FIELD CREW: Bradley Kohlfeld + Dominic Stepl

BK 8/13/24

WEATHER: AM: Overcast, high 60°'s
PM: Overcast, high 70°'s

BK/8/13/24

DAILY TASK ACTIVITY: 0730: Calibrate Horibas, load GW + SW sampling equipment and depart for HISS-01

0755: Arrive at HISS-01 and prepare to sample for rad + metals.

1 well volume (HISS-01) = 25.0' - 9.32' = 15.68' × 0.16 = 10.192 gal × 3785 mL/gal = 38,576 mL

0805: Begin pumping of HISS-01

0809: Begin purging of HISS-01

1042: Begin sampling of HISS-01

1052: Complete sampling of HISS-01 and return to SLAPS to secure samples and break for lunch

1305: Arrive at PW43 and prepare to sample for rad + metals

1 well volume (PW43) = 25.5' - 10.13' = 15.2' × 0.16 = 2.432 gal × 3785 mL/gal = 9,205 mL

1309: Begin pumping of PW43

1314: Begin purging of PW43

1414: Begin sampling of PW43

1428: Complete sampling and return to SLAPS to unload sampling equipment and secure samples.

Recorded By: 8/13/24 QA: 8.22.24

COC#: LE 081224 - 02 ML
LE 081224 - 03 TA

DATE: 8/12/24

FIELD CREW: Bradley Kohlfeld + Dominic Stepl Witness: none

WEATHER: Partly sunny, mid 70's F

WELL ID: HISS - 11A SAMPLE ID: HIS277124

TOTAL DEPTH: 23.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 18.0 - 23' MIDDLE OF SCREEN: 21'

STARTING WATER LEVEL: 13.76' FINAL WATER LEVEL: 14.83'

EVACUATION METHOD: Micro purging with a BK 8.12.24 pa peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1 03199, WLI: GLW1 03228
Peristaltic pump: D1004 5321

PURGE START TIME: 0837 PURGE END TIME: 0924 TOTAL VOLUME PURGED: 5940 mL

SAMPLE START TIME: 0924 SAMPLE END TIME: 0941

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. ~~(µS/cm)~~ BK 8/12/24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0837	110	770*	6.73	0.749	1.3	1.08	19.94	226	14.48
0842		1320	7.02	0.744	1.1	0.72	19.62	221	14.59
0847		1870	7.23	0.744	0.6	0.57	19.52	208	14.69
0852		2420	7.31	0.743	0.8	0.52	19.50	204	14.73
0857		2970	7.33	0.743	0.9	0.47	19.47	198	14.79
0902		3520	7.40	0.743	0.8	0.44	19.44	194	14.80
0907		4070	7.42	0.743	0.7	0.45	19.50	193	14.82
0912		4620	7.44	0.742	0.7	0.43	19.60	189	14.83
0917		5170	7.45	0.742	1.1	0.43	19.57	186	14.83
0922		5720	7.46	0.741	0.5	0.43	19.63	183	14.83
0924		5940	7.45	0.740	0.4	0.40	19.66	182	14.83

BK 8/12/24

Recorded By: 8/12/24 QA: 8.22.24

COC#: LE0812Z024-02ML
LE0812Z024-03TA

DATE: 8/12/24

FIELD CREW: Bradley Kohlfeld and Dominic Steffl Witness: none

WEATHER: Overcast, 76°F

WELL ID: HW22 SAMPLE ID: HS277127

TOTAL DEPTH: 30.0' WELL DIAMETER: 2"

SCREEN INTERVAL: 19.0 - 29' MIDDLE OF SCREEN: 24.0'

STARTING WATER LEVEL: 14.66' FINAL WATER LEVEL: 15.93'

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW103199, WLI: GLW103228
Peristaltic pump: D1004532

PURGE START TIME: 1018 PURGE END TIME: 1054 TOTAL VOLUME PURGED: 9,400mL

SAMPLE START TIME: 1054 SAMPLE END TIME: 1101

*mL removed before purging began

FIELD PARAMETERS

mS/cm BZ 8/12/24

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1018	200	2,200*	7.02	2.19	0.0	3.50	15.78	221	15.28
1023		3,200	6.98	2.22	0.0	1.46	15.16	213	15.56
1028		4,200	6.95	2.24	0.0	1.15	15.02	212	15.89
1033		5,200	6.95	2.24	0.0	1.07	14.99	211	15.91
1038		6,200	6.96	2.24	0.0	1.03	14.99	210	15.93
1043		7,200	6.96	2.24	0.0	1.03	14.88	209	15.93
1048		8,200	6.97	2.25	0.0	1.03	14.85	208	15.93
1053		9,200	6.97	2.25	0.0	1.06	14.83	207	15.93
1054		9,400	6.98	2.24	0.0	1.07	14.84	207	15.93

BZ 8/12/24

Recorded By: 8/12/24

QA: 8.22.24

COC#: LE0814Z024-01ML
LE0814Z024-02TA

DATE: 8/13/24

FIELD CREW: Bradley Kohlfeld, Dominic Steffl Witness: none

WEATHER Overcast, high 60's

WELL ID: HISS-01 SAMPLE ID: HS277121

TOTAL DEPTH: 25.0' WELL DIAMETER: 4"

SCREEN INTERVAL: 19.0 - 24' MIDDLE OF SCREEN: 21.5'

STARTING WATER LEVEL: 9.32' FINAL WATER LEVEL: 9.96'

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW103199, WLI: GLW103228
Peristaltic pump: D1004532

PURGE START TIME: 0809 PURGE END TIME: 1042 TOTAL VOLUME PURGED: 39,250mL

SAMPLE START TIME: 1042 SAMPLE END TIME: 1052

*mL removed before purging began

FIELD PARAMETERS

mS/cm BZ 8/13/24

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0809	250	1000*	6.74	1.28	0.6	4.05	17.45	256	9.76
0814		2250	7.06	1.27	0.0	1.78	17.37	248	9.79
0819		3500	7.22	1.25	0.0	1.38	17.32	240	9.82
0824		4750	7.31	1.24	0.0	1.19	17.36	235	9.85
0829		6000	7.37	1.23	03	1.07	17.37	230	9.86
0834		7250	7.41	1.21	0.8	0.97	17.30	226	9.89
0850		11,250	7.48	1.19	2.6	0.81	17.44	216	9.88
0906		15,250	7.53	1.19	0.5	0.70	17.36	210	9.92
0922		19,250	7.54	1.19	1.9	0.71	17.56	203	9.91
0938		23,250	7.56	1.19	0.5	0.69	17.70	197	9.91
0954		27,250	7.56	1.19	0.0	0.70	17.92	190	9.92
1010		31,250	7.57	1.19	0.1	0.68	18.02	184	9.93
1026		35,250	7.57	1.18	0.0	0.67	18.16	178	9.94
1042		39,250	7.56	1.18	0.0	0.69	18.21	173	9.96

Recorded By: 8/13/24

QA: 8.22.24

DATE: 8/14/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl

BK 8/14/24

WEATHER: AM: Mostly sunny, mid 70°s
PM: Rain, high 70°s

BK 8/14/24

DAILY TASK ACTIVITY: 0730: SLAPS, check in Horiba, load groundwater sampling equipment, depart for HW32-98
0800: Arrive at HW32-98 and prepare to sample for rad + metals
0810: Begin pumping HW32-98 at 100mL/min
BK 8/14/24
0816: Begin purging HW32-98
1 well volume (HW32-98) = 20.3' - 13.9' = 6.4' × 0.16 = 1.024 gal × 3785 = 3875.8
0849: Begin sampling of HW32-98
0905: Complete sampling of HW32-98 and return to SLAPS to secure samples
1100: Return from Earth City office, break for lunch
BK 8/14/24
1200 - 1230: Lightning stand down 1240: Arrive at PW45 to sample rad + metals
1250: Begin pumping PW45 at 150mL/min
1257: Begin purging PW45
1 well volume (PW45) = 22.3 - 7.74' = 14.56' × 0.16 = 2.3296 gal × 3785 mL/gal = 8,818mL
1351: Begin sampling PW45
1405: Complete sampling and return to SLAPS to unload equipment and secure samples

Recorded By: 8/14/24 QA: 8.26.24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

BK 8/13/24

Recorded By: QA:

COC#: LEΦ8142Φ24-Φ3ML
LEΦ8142Φ24-Φ4TA

DATE: 8/13/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none

WEATHER: Overcast, high 7Φ°'s

WELL ID: PW43 SAMPLE ID: SVP277141

TOTAL DEPTH: 25.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 15.Φ - 25.Φ' MIDDLE OF SCREEN: 2Φ.Φ'

STARTING WATER LEVEL: 1Φ.13' FINAL WATER LEVEL: 12.83'

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199, WLI: GLW1Φ3228
Peristaltic pump: D1ΦΦ45321

PURGE START TIME: 1314 PURGE END TIME: 1414 TOTAL VOLUME PURGED: 975mL

SAMPLE START TIME: 1414 SAMPLE END TIME: 1428

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 8/13/24 Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1314	15Φ	75Φ*	7.56	Φ.883	3.7	2.27	2Φ.2Φ	183	11.ΦΦ
1319		15ΦΦ	7.19	Φ.9Φ1	1.5	Φ.99	19.32	193	11.29
1324		2,25Φ	7.12	Φ.894	Φ.Φ	Φ.69	19.34	189	11.63
1329		3,ΦΦΦ	7.Φ9	Φ.899	Φ.Φ	Φ.6Φ	19.34	185	11.81
1334		3,75Φ	7.Φ8	Φ.9Φ2	Φ.Φ	Φ.52	19.16	183	11.96
1339		4,5ΦΦ	7.Φ6	Φ.9Φ1	Φ.Φ	Φ.48	19.14	18Φ	12.ΦΦ
1344		5,25Φ	7.Φ3	Φ.9Φ5	Φ.Φ	Φ.44	19.21	178	12.19
1349		6,ΦΦΦ	7.Φ3	Φ.9Φ8	Φ.Φ	Φ.41	19.14	175	12.27
1354		6,75Φ	7.Φ8	Φ.911	Φ.Φ	Φ.38	19.17	168	12.39
1359		7,5ΦΦ	7.Φ8	Φ.913	Φ.2	Φ.37	19.Φ4	164	12.46
14Φ4		8,25Φ	7.Φ9	Φ.915	Φ.Φ	Φ.38	19.13	16Φ	12.51
14Φ9		9,ΦΦΦ	7.Φ9	Φ.914	Φ.8	Φ.38	19.2Φ	158	12.56
1414	↓	9,75Φ	7.11	Φ.917	Φ.Φ	Φ.36	19.26	154	12.67

BK 8/13/24

Recorded By: 8/13/24 QA: D 8.22.24

COC#: LEΦ8152Φ24-Φ3ML
LEΦ8152Φ24-Φ4TA

DATE: 8/14/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none BK 8/22/24

WEATHER: Mostly sunny, mid 7Φ°'s

WELL ID: MW32-9B SAMPLE ID: SVP277137

TOTAL DEPTH: 2Φ.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 9.7 - 19.7' MIDDLE OF SCREEN: 14.7'

STARTING WATER LEVEL: 13.9' FINAL WATER LEVEL: 14.18'

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199, WLI: GLW1Φ3228
Peristaltic pump: D1ΦΦ45321

PURGE START TIME: ΦΒ16 PURGE END TIME: ΦΒ49 TOTAL VOLUME PURGED: 39ΦΦmL

SAMPLE START TIME: ΦΒ49 SAMPLE END TIME: Φ9Φ5

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 8/14/24 Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΒ16	1ΦΦ	6ΦΦ*	6.79	Φ.7Φ9	7.3	2.88	19.24	22Φ	14.Φ6
ΦΒ19		9ΦΦ	6.82	Φ.7Φ4	5.7	2.58	19.Φ4	218	14.Φ9
ΦΒ22		12ΦΦ	6.87	Φ.7ΦΦ	6.Φ	2.4Φ	18.99	219	14.11
ΦΒ25		15ΦΦ	6.9Φ	Φ.695	5.8	2.26	18.94	213	14.12
ΦΒ28		18ΦΦ	6.9Φ	Φ.695	5.4	2.19	18.89	214	14.13
ΦΒ31		21ΦΦ	6.94	Φ.696	5.Φ	2.13	18.84	212	14.14
ΦΒ34		24ΦΦ	6.96	Φ.698	4.1	2.Φ6	18.85	21Φ	14.15
ΦΒ37		27ΦΦ	6.96	Φ.7ΦΦ	3.7	2.Φ1	18.83	2Φ8	14.16
ΦΒ4Φ		3ΦΦΦ	6.99	Φ.7Φ1	3.2	1.97	18.84	2Φ8	14.17
ΦΒ43		33ΦΦ	7.Φ1	Φ.7Φ3	2.9	1.93	18.85	2Φ9	14.17
ΦΒ46		36ΦΦ	7.Φ2	Φ.7Φ4	3.1	1.91	18.88	2Φ7	14.17
ΦΒ49	↓	39ΦΦ	7.Φ3	Φ.7Φ2	2.9	1.89	18.87	2Φ4	14.17

BK 8/14/24

Recorded By: 8/14/24 QA: D 8.26.24

COC#: LE0815 2024-01ML
LE0815 2024-02TA

DATE: 8/14/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none

WEATHER: High 70's, light rain

WELL ID: PW45 SAMPLE ID: SLA27719

TOTAL DEPTH: 22.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 12.3-22.3' MIDDLE OF SCREEN: 17.3'

STARTING WATER LEVEL: 7.74' FINAL WATER LEVEL: 7.81'

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1003199, WLI: GLW1003228
Peristaltic Pump: D1004 5321

PURGE START TIME: 1257 PURGE END TIME: 1351 TOTAL VOLUME PURGED: 9,150mL

SAMPLE START TIME: 1351 SAMPLE END TIME: 1405

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	ms/cm BK 8/14/24 Sp. Cond. ~~(µS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1257	150	1050*	6.54	1.25	0.00	2.86	19.34	222	7.79
1300		1500	7.04	1.20	0.00	1.62	19.25	205	7.81
1303		1950	7.10	1.18	0.00	1.10	19.11	202	7.81
1306		2,400	7.28	1.13	0.00	0.85	18.85	196	7.81
1311		3,150	7.38	1.07	0.00	0.66	18.71	191	7.81
1316		3,900	7.45	1.00	0.00	0.53	18.64	185	7.81
1321		4,650	7.50	0.932	0.00	0.45	18.34	183	7.81
1326		5,400	7.52	0.901	0.00	0.41	18.41	180	7.81
1331		6,150	7.54	0.889	0.00	0.41	18.39	179	7.81
1336		6,900	7.55	0.876	0.00	0.46	18.38	177	7.81
1341		7,650	7.57	0.869	0.00	0.52	18.39	175	7.81
1346		8,400	7.59	0.865	0.00	0.56	18.42	173	7.81
1351		9,150	7.61	0.865	0.00	0.59	18.44	172	7.81

BK 8/14/24 BK 8/14/24

Recorded By: 8/14/24 QA: 8.22.24

DATE: 8/15/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl

BK 8/15/24

WEATHER: Cloudy, 76°

BK 8/15/24

DAILY TASK ACTIVITY: 0730: SLAPS, check in horiba, load vehicle w/ equipment and depart for PW35

0805: PW35, prepare to sample for vol & metals

0816: Begin pumping PW35 @ 300mL/min

0832: Begin purging PW35

1 well volume (PW35) = 115.0'-10.98' = 104.02' x 0.16 = 16.64gal x 3785 mL/gal = 62995mL

1146: Begin sampling PW35

1207: Complete sampling of PW35 and return to SLAPS to secure samples and break for lunch.

BK 8/15/24

Recorded By: 8/15/24 QA: 8.22.24

DATE: 8/19/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl

BK 8/19/24

WEATHER: AM: Mostly sunny, 72°
PM: Partly cloudy, 84°

BK 8/19/24

DAILY TASK ACTIVITY: 0730: SLAPS, check in Horiba, load vehicle with ground water sampling equipment, depart for HW23

0805: Arrive at HW23, prepare for sampling for rad+metals

0818: Begin pumping HW23 @ 300mL/min

1 well volume (HW23) = 93.5' - 10.08' = 83.42' x 0.16 = 13.35 gal x 3785 mL/gal = 50,530 mL

0824: Begin purging HW23

1057: Begin sampling HW23 for rad + metals

1111: Complete sampling and return to SLAPS to secure samples and break for lunch

1225: Depart for PW36

1230: Arrive at PW36 and prepare to sample for rad + metals

1241: Begin pumping PW36 @ 300mL

1250: Begin purging PW36

1 well volume (PW36) = 88.0 - 9.77' = 78.23' x 0.16 = 12.52 gal x 3785 mL/gal = 47,388 mL

1520: Begin sampling PW36 for rad + metals

1532: Complete sampling of PW36 and return to SLAPS to secure samples

Recorded By: 8/19/24 QA: D 8.22.24

COC#: LE0815Z024-05ML
LE0815Z024-06TA

DATE: 8/15/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none

WEATHER: Cloudy, 76°

WELL ID: PW35 SAMPLE ID: SVP277138

TOTAL DEPTH: 115.0' WELL DIAMETER: 2"

SCREEN INTERVAL: 100.0 - 114.9' MIDDLE OF SCREEN: 107.5'

STARTING WATER LEVEL: 10.98' FINAL WATER LEVEL: 20.86'

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW103199 WLI: GLW103228
Peristaltic pump: D100045321

PURGE START TIME: 0832 PURGE END TIME: 1146 TOTAL VOLUME PURGED: 63,000mL

SAMPLE START TIME: 1146 SAMPLE END TIME: 1201

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. mS/cm ~~(uS/cm)~~ BK 8/15/24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0832	300	4800*	6.67	0.902	18.1	6.11	18.21	200	12.90
0837		6300	7.46	1.09	143	4.61	17.93	146	13.95
0842		7,800	7.63	1.05	45.8	5.19	18.62	107	14.62
0847		9,300	7.65	0.985	25.0	5.13	18.59	91	15.21
0852		10,800	7.65	0.930	16.9	4.82	18.55	77	15.92
0912		16,800	7.66	0.874	4.7	5.25	18.82	34	17.16
0932		22,800	7.67	0.859	4.1	5.55	18.95	1	17.89
0952		28,800	7.65	0.849	2.9	5.58	19.19	-12	18.27
1012		34,800	7.66	0.855	3.7	5.45	19.71	-20	18.65
1032		40,800	7.63	0.858	3.4	5.09	19.94	-20	19.29
1052		46,800	7.63	0.867	1.5	5.07	20.15	-22	19.76
1112		52,800	7.62	0.867	2.4	5.00	20.31	-21	20.15
1132		58,800	7.62	0.864	1.6	5.12	19.79 ~~19.69~~ BK 8/15/24	-20	20.54
1146		63,000	7.61	0.865	3.1	5.08		-20	20.79

Recorded By: 8/15/24 QA: D 8.26.24

COC#: LEΦ8212Φ24-Φ3ML
LEΦ8212Φ24-Φ4TA

DATE: 8/19/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl Witness: none

WEATHER: Mostly sunny, 72°

WELL ID: HW23 SAMPLE ID: HS277128

TOTAL DEPTH: 93.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 91.5 - 93.5' MIDDLE OF SCREEN: 92.5'

STARTING WATER LEVEL: 1Φ.Φ8' FINAL WATER LEVEL: 1Φ.96'

EVACUATION METHOD: Micro ~~purging~~ purging BLC 8/20/24 with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199, WLI: GLW1Φ3228
Peristaltic pump: D1ΦΦ45321

PURGE START TIME: ΦΦ824 PURGE END TIME: 1Φ57 TOTAL VOLUME PURGED: 5Φ,7ΦΦmL

SAMPLE START TIME: 1Φ57 SAMPLE END TIME: 11Φ5

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BLC 8/19/24 Sp. Cond. ~~(µS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΦ824	3ΦΦ	4,8ΦΦ*	6.65	1.Φ9	8Φ.2	6.9Φ	16.21	25Φ	1Φ.45
ΦΦ829		6,3ΦΦ	7.33	1.1Φ	59.1	4.6Φ	15.05	176	1Φ.49
ΦΦ834		7,8ΦΦ	7.54	1.Φ9	32.7	3.9Φ	14.69	135	1Φ.53
ΦΦ839		9,3ΦΦ	7.6Φ	1.Φ9	26.3	3.63	14.56	1ΦΦ	1Φ.55
ΦΦ844		1Φ,8ΦΦ	7.63	1.Φ8	15.9	3.53	14.48	8Φ	1Φ.6Φ
ΦΦ849		12,3ΦΦ	7.64	1.Φ8	17.3	3.44	14.43	66	1Φ.61
ΦΦ9Φ5		17,1ΦΦ	7.65	1.Φ7	13.2	3.23	14.34	3Φ	1Φ.69
ΦΦ921		21,9ΦΦ	7.64	1.Φ7	1Φ.9	3.15	14.28	-5	1Φ.73
ΦΦ937		26,7ΦΦ	7.63	1.Φ7	12.6	3.1Φ	14.39	-3Φ	1Φ.76
ΦΦ953		31,5ΦΦ	7.6Φ	1.Φ7	13.7	3.Φ3	14.46	-45	1Φ.8Φ
1ΦΦ9		36,3ΦΦ	7.62	1.Φ8	11.6	2.81	14.39	-54	1Φ.86
1Φ25		41,1ΦΦ	7.61	1.Φ8	12.2	2.63	14.4Φ	-62	1Φ.88
1Φ41		45,9ΦΦ	7.61	1.Φ9	11.4	2.62	14.44	-68	1Φ.91
1Φ57		5Φ,7ΦΦ	7.62	1.Φ9	11.6	2.59	14.5Φ	-71	1Φ93

Recorded By: 8/19/24 QA: 8.27.24

COC#: LEΦ8212Φ24-Φ1ML
LEΦ8212Φ24-Φ2TA

DATE: 8/19/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none

WEATHER: Partly sunny, 84°

WELL ID: PW36 SAMPLE ID: SVP277139

TOTAL DEPTH: 88.Φ' WELL DIAMETER: 2"

SCREEN INTERVAL: 83.Φ-87.9' MIDDLE OF SCREEN: 85.5'

STARTING WATER LEVEL: 9.77' FINAL WATER LEVEL: 9.82'

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199, WLI: GLW1Φ3228
Peristaltic ~~pump~~ pump BLC 8/19/24: D1ΦΦ45321

PURGE START TIME: 125Φ PURGE END TIME: 15ΣΦ TOTAL VOLUME PURGED: 47,7ΦΦmL

SAMPLE START TIME: 152Φ SAMPLE END TIME: 1529

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BLC 8/19/24 Sp. Cond. ~~(µS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
125Φ	3ΦΦ	2,7ΦΦ*	7.78	Φ.571	42.4	2.61	17.91	58	9.81
1255		4,2ΦΦ	7.58	Φ.549	33.6	Φ.58	17.48	42	9.81
13ΦΦ		5,7ΦΦ	7.56	Φ.543	3Φ.2	Φ.3Φ	17.56	28	~~9.81~~ BLC 8/19/24 9.81
13Φ5		7,2ΦΦ	7.59	Φ.532	24.1	Φ.16	17.56	13	
131Φ		8,7ΦΦ	7.61	Φ.535	18.8	Φ.Φ7	17.55	-1	9.81
1315		1Φ,2ΦΦ	7.61	Φ.541	17.Φ	Φ.Φ3	17.64	-2Φ	9.81
132Φ		11,7ΦΦ	7.6Φ	Φ.544	14.6	Φ.ΦΦ	17.45	-44	9.81
134Φ		17,7ΦΦ	7.65	Φ.571	1Φ.5	Φ.ΦΦ	17.61	-91	9.81
14ΦΦ		23,7ΦΦ	7.67	Φ.6Φ6	1Φ.7	Φ.ΦΦ	17.45	-115	9.81
142Φ		29,7ΦΦ	7.64	Φ.648	8.7	Φ.ΦΦ	17.41	-125	9.81
144Φ		35,7ΦΦ	7.66	Φ.677	8.1	Φ.ΦΦ	17.44	-133	9.81
15ΦΦ ~~+5Φ~~ BLC 8/19/24		41,7ΦΦ	7.66	Φ.679	9.5	Φ.ΦΦ	1735	-139	9.81
152Φ		47,7ΦΦ	7.59	Φ.684	93	Φ.ΦΦ	17.22	-138	9.81
~~+5ΦΦ~~ BLC 8/19/24				BLC 8/19/24					

Recorded By: 8/19/24 QA: 8.27.24

DATE: 8/20/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl

BK/8/20/24

WEATHER: AM: Sunny, 70°

PM: Mostly sunny, 78°

8/20/24 BK

DAILY TASK ACTIVITY: 0800: SLAPS, check in Horiba, load vehicle with ground water sampling equipment and depart for PW46

0825: Arrive at PW46 and prepare to sample for rad + metals

0842: Begin pumping PW46 @ 85mL/min

1 well volume (PW46) = 23.0' - 14.11' = 8.89' x 0.16 = 1.42 gal x 3785 mL/gal = 5,375mL

0854: Begin purging PW46 @

0946: Begin sampling PW46 for rad + metals

complete sampling and

1020: Depart for SLAPS to secure samples and break for Lunch

1255: Arrive at BS3W015 and prepare to sample for rad + metals

1318: Begin pumping BS3W015 @ 100mL/min

1 well volume (BS3W015) = 28.5' - 14.12' = 14.38' x 0.16 = 2.30 gal x 3785 mL/gal = 8,706mL

1326: Begin purging BS3W015

1446: Begin sampling BS3W015

1515: Complete sampling and return to SLAPS to, unload purge water, secure samples and housekeeping

(See FP1194 for the rest of today's activities)

Recorded By: [signature] 8/20/24 QA: [signature] 8-27-24

DATE: 8/21/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl, Dave Guyan

BK/8/21/24

WEATHER: AM: Overcast, mid 60°'s

PM: Mostly cloudy/overcast, 74°

BK/8/21/24

DAILY TASK ACTIVITY: 0730: Check in Horiba at SLAPS, load vehicle with ground water sampling equipment, depart for PW44

0810: Arrive at PW44, prepare to sample for rad + metals

0836: Begin pumping PW44 @

1 well volume (PW44) = 20.1' - 5.75' = 14.35' x 0.16 = 2.30 gal x 3785 mL/gal = 8706mL

0844: Begin purging PW44

1030

1052: Begin sampling PW44 BK 8/21/24

1057: ~~De~~ Complete sampling and return to SLAPS to secure samples BK 8/21/24 and break for Lunch

1205: Depart slaps, fill gas tank in vehicle, depart for MW31-98

1230: Arrive at MW31-98 and prepare to sample for rad + metals

1240: Begin pumping ~~Rad~~ MW31-98 @ 125mL/min BK 8/21/24

1 well volume (MW31-98) = 34.0' - 11.18' = 22.82' x 0.16 = 3.65 gal x 3785 mL/gal = 13,815 mL

1250: Begin purging MW31-98

1431: Begin sampling ~~MW3~~ MW31-98 BK 8/21/24

1452: Complete sampling, return to SLAPS, dump purge water, secure samples, housekeeping, Finish logbook

Recorded By: [signature] 8/21/24 QA: [signature] 8-27-24

COC#: LE08212024-09ML
LE08212024-10TA

DATE: 8/20/24

FIELD CREW: Bradley Kohlfeld and Dominic Stepl Witness: none

WEATHER: Sunny, 70°

WELL ID: PW46 SAMPLE ID: SLA27720

TOTAL DEPTH: 23.0' WELL DIAMETER: 2"

SCREEN INTERVAL: 17.5-22.5' MIDDLE OF SCREEN: 20'

STARTING WATER LEVEL: 14.11' FINAL WATER LEVEL: ~~20'~~ 14.72' BL 8/20/24

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW10319 9 WLI: GLW103228
Peristaltic pump: D10045321

PURGE START TIME: 0854 PURGE END TIME: 0946 TOTAL VOLUME PURGED: 5,440mL

SAMPLE START TIME: 0946 SAMPLE END TIME: 1014

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BL 8/20/24 Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0854	85	1,020*	6.50	2.55	0.0	1.70	20.17	208	14.23
0857		1,275*	6.65	2.58	0.4	1.47	19.64	205	14.23
0900		1,530*	6.64	2.60	0.3	1.24	19.46	203	14.25
0903		1,785	6.62	2.59	1.3	1.15	19.37	201	14.28
0906		2,040	6.63	2.59	0.9	0.98	19.30	196	14.32
0909		2,295	6.66	2.59	0.9	0.97	19.30	192	14.35
0914		2,720	6.66	2.59	1.3	0.91	19.47	186	14.39
0919		3,145	6.67	2.58	1.5	0.87	19.57	180	14.45
0924		3,570	6.67	2.58	2.0	0.83	19.70	172	14.52
0929		3,995	6.68	2.58	1.8	0.81	19.72	167	14.56
0934		4,420	6.69	2.58	2.1	0.78	19.91	160	14.59
0939		4,845	6.70	2.58	2.3	0.81	20.05	155	14.62
0944		5,270	6.70	2.58	2.3	0.81	20.12	150	14.63
0946		5,440	6.70	2.59	2.0	0.79	20.07	150	14.65

Recorded By: 8/20/24 QA: 9/19/24

COC#: LE08212024-05ML
LE08212024-06TA

DATE: 8/20/24

FIELD CREW: Bradley Kohlfeld and Dominic Stepl Witness: none

WEATHER: Mostly sunny, 78°

WELL ID: BS3W015 SAMPLE ID: SVP27713

TOTAL DEPTH: 28.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 22.5-27.7' MIDDLE OF SCREEN: 25.1'

STARTING WATER LEVEL: 14.12 FINAL WATER LEVEL: 14.54

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba GLW: 103199 WLI: GLW103228
Peristaltic pump: D10045321

PURGE START TIME: 1326 PURGE END TIME: 1446 TOTAL VOLUME PURGED: 8,800mL

SAMPLE START TIME: 1446 SAMPLE END TIME: 1508

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BL 8/20/24 Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1326	100	800*	7.19	0.874	1.1	2.25	22.25	130	14.47
1329		1,100	7.03	0.899	0.3	1.76	20.87	129	14.48
1332		1,400	6.93	0.899	0.0	1.55	20.30	129	14.50
1335		1,700	6.92	0.921	0.0	1.40	19.89	121	14.51
1338		2,000	6.91	0.921	0.0	1.15	20.14	119	14.51
1346		2,800	6.89	0.903	0.0	0.83	20.86	105	14.52
1354		3,600	6.94	0.918	0.0	0.74	20.42	97	14.52
1402		4,400	6.91	0.919	0.0	0.63	20.45	86	14.53
1410		5,200	6.93	0.924	0.0	0.62	20.68	80	14.53
1418		6,000	6.94	0.912	0.0	0.65	21.19	75	14.53
1426		6,800	6.89	0.901	0.0	0.57	21.11	72	14.53
1434		7,600	6.89	0.925	0.0	0.58	20.55	72	14.53
1442		8,400	6.89	0.908	0.0	0.58	20.91	70	14.53
1446		8,800	6.89	0.914	0.0	0.57	20.70	69	14.53

Recorded By: 8/20/24 QA: 9/19/24

COC#: LE0822024-03ML
LE0822024-04TA

DATE: 8/21/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl Witness: none

WEATHER: Overcast, 64°

WELL ID: PW44 SAMPLE ID: SLA277118

TOTAL DEPTH: 20.1' WELL DIAMETER: 2"

SCREEN INTERVAL: 10.1-20.1' MIDDLE OF SCREEN: 15.1'

STARTING WATER LEVEL: 5.75' FINAL WATER LEVEL: 7.52

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW10319, WLI: GLW10322B
Peristaltic pump: D10045321

PURGE START TIME: 0844 PURGE END TIME: 1030 TOTAL VOLUME PURGED: 875mL

SAMPLE START TIME: 1030 SAMPLE END TIME: 1052

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 8/21/24 Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0844	100	800*	6.56	0.845	0.0	1.85	18.49	231	6.54
0847	75	1,025	6.69	0.845	0.0	1.35	18.40	217	6.69
0850		1,250	7.02	0.843	0.0	1.14	18.32	217	6.80
0853		1,475	7.03	0.841	0.0	1.06	18.30	212	6.94
0856		1,700	7.05	0.841	0.0	1.00	18.26	212	7.05
0859		1,925	7.08	0.842	0.0	0.88	18.10	204	7.18
0911		2,825	7.15	0.844	0.0	0.71	17.87	194	7.49
0923		3,725	7.20	0.846	0.5	0.65	17.81	183	7.67
0935		4,625	7.23	0.848	1.5	0.61	17.82	177	7.71
0947		5,525	7.25	0.850	2.2	0.58	17.84	165	7.61
0959		6,425	7.23	0.851	2.6	0.61	18.02	158	7.50
1011		7,325	7.26	0.851	2.7	0.68	18.16	148	7.36
1023		8,225	7.24	0.850	2.5	0.73	18.50	145	7.37 7.07 8/21/24
1030	—	BK 8/21/24 8,750	7.21	0.851	2.0	0.66	17.97	141	BK 8/21/24 7.31

Recorded By: 8/21/24 QA: 9/9/24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

BK 8/22/24

Recorded By: QA:

DATE: 8/22/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl

BK 8/22/24
BK 8/22/24

WEATHER: Sunny, 65°

BK 8/22/24

DAILY TASK ACTIVITY: 0730: SLAPS, check in Horiba, load vehicle with groundwater equipment, depart for BS3W01D

0810: Arrive at BS3W01D, prepare to sample for rad + metals as well as monitoring water quality measurements

0820: Begin pumping BS3W01D @ 300 mL/min

1 well volume (BS3W01D) = 96.0 - 10.51' = 85.49 x 0.16 = 13.68 gal x 3785 mL/gal = 51,779 mL

0834: Begin purging BS3W01D

1113: Begin sampling BS3W01D

1125: Complete sampling and return to SLAPS to dump purge water, secure samples, perform rad survey, ~~complete~~ review COC's and submit samples for the week

BK 8/22/24
BK 8/22/24

Recorded By: 8/22/24 QA: 9/12/24

COC#: LE08222024-01ML
LE08222024-02TA

DATE: 8/21/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none

WEATHER: Overcast, 74°

WELL ID: MW31-98 SAMPLE ID: ~~25.9~~ BK 8/21/24 SVP277136

TOTAL DEPTH: 34.0' WELL DIAMETER: 2"

SCREEN INTERVAL: 18.4 - 33.4' MIDDLE OF SCREEN: 25.9'

STARTING WATER LEVEL: 11.18' FINAL WATER LEVEL: 11.735 BK

EVACUATION METHOD: Micro purging with a peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba: GLW103199, Water Level Indicator: GLW103228
Peristaltic Pump: D1004532i

PURGE START TIME: 1250 PURGE END TIME: 1431 TOTAL VOLUME PURGED: 13,875 mL

SAMPLE START TIME: 1431 SAMPLE END TIME: 1349

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	~~(uS/cm)~~ mS/cm Sp. Cond. BK 8/26/24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1250	125	1250 *	6.98	2.43	2.1	2.48	18.57	168	11.54
1253		1625	7.16	2.44	0.0	1.74	18.32	168	11.57
1256		2000	7.17	2.45	0.0	1.30	18.30	165	11.60
1259		2,375	7.23	2.44	0.2	1.06	18.36	161	11.63
1302		2,750	7.23	2.44	0.8	0.95	18.29	159	11.63
1312		4,000	7.27	2.41	1.5	0.71	18.18	151	11.68
1322		5,250	7.34	2.27	0.1	0.64	18.28	142	11.69
1332		6,500	7.42	2.02	0.4	0.65	18.41	134	11.69
1342		7,750	7.38	1.64	0.0	0.61	18.66	127	11.69
1352		9,000	7.26	1.48	0.0	0.64	18.59	125	11.70
1402		10,250	7.20	1.45	0.0	0.64	18.66	122	11.71
1412		11500	7.18	1.42	0.0	0.63	18.88	119	11.72
1422		12,750	7.16	1.36	0.0	0.58	18.70	116	11.73
1431		13,875	7.19	1.35	0.0	0.60	18.89	111	11.73

Recorded By: 8/21/24 QA: 9/12/24

COC# LEΦ8222Φ24-ΦSML
LEΦ8222Φ24-Φ6TA

DATE: 8/22/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl Witness: none

WEATHER: Sunny, 65°

WELL ID: B53WΦ1D SAMPLE ID: SVP277129

TOTAL DEPTH: 96.Φ' WELL DIAMETER: 2"

SCREEN INTERVAL: 85.Φ-95' MIDDLE OF SCREEN: 9Φ'

STARTING WATER LEVEL: 1Φ.51' FINAL WATER LEVEL: 1Φ.75'

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199 WLI: GLW1Φ3228
Peristaltic Pump: D1ΦΦ45321

PURGE START TIME: ΦΦ834 PURGE END TIME: 1113 TOTAL VOLUME PURGED: 51,9ΦΦmL

SAMPLE START TIME: 1113 SAMPLE END TIME: ~~1117~~ 1121
BK 8/22/24

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 8/26/24 Sp. Cond. ~~(µS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΦ834	3ΦΦ	4,2ΦΦ*	6.47	1.Φ9	12.5	2.71	15.95 BK 8/22/24	217	1Φ.64
ΦΦ839		5,7ΦΦ	7.Φ3	1.Φ9	18.3	Φ.75	15.58	183	1Φ.64
ΦΦ844		7,2ΦΦ	7.22	1.Φ8	16.1	Φ.38	15.48	152	1Φ.65
ΦΦ849		8,7ΦΦ	7.34	1.Φ8	6.3	Φ.23	15.4Φ	117	1Φ.65
ΦΦ854		1Φ,2ΦΦ	7.37	1.Φ7	6.7	Φ.15	15.4Φ	94	1Φ.66
ΦΦ859		11,7ΦΦ	7.4Φ	1.Φ7	5.6	Φ.12	15.4Φ	8Φ	1Φ.66
ΦΦ916		16,8ΦΦ	7.44	1.Φ7	6.5	Φ.Φ1	15.37	25	1Φ.68
ΦΦ933		21,9ΦΦ	7.46	1.Φ7	1Φ.9	Φ.ΦΦ	15.47	-25	1Φ.7Φ
ΦΦ95Φ		27,ΦΦΦ	7.48	1.Φ7	9.3	Φ.ΦΦ	15.53	-58	1Φ.71
1ΦΦ7		32,1ΦΦ	7.49	1.Φ7	1Φ.3	Φ.ΦΦ	15.57	-82	1Φ.72
1ΦΦ24		37,2ΦΦ	7.45	1.Φ7	12.1	Φ.ΦΦ	15.68	-95	1Φ.72
1ΦΦ41		42,3ΦΦ	7.47	1.Φ7	12.5	Φ.ΦΦ	15.75	-1ΦΦ	1Φ.72
1ΦΦ58		47,4ΦΦ	7.44	1.Φ7	11.7	Φ.ΦΦ	15.84	-115	1Φ.73
1113		51,9ΦΦ	7.45	1.Φ7	11.3	Φ.Φ4	15.95	-12Φ	1Φ.75

Recorded By: [signature] 8/22/24 QA: [signature] 9/9/24

BK 8/26/24
COC#: LEΦ8272Φ24-Φ2TA
LEΦ8272Φ24-Φ1ML

DATE: ΦΦ8/26/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none

WEATHER: Sunny, 83°

WELL ID: B53WΦ7D SAMPLE ID: SVP277132

TOTAL DEPTH: 89.Φ' WELL DIAMETER: 2"

SCREEN INTERVAL: 77.5-87.5' MIDDLE OF SCREEN: 82.5'

STARTING WATER LEVEL: 1Φ.36' FINAL WATER LEVEL: 1Φ.45'

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199, Water Level Indicator: GLW1Φ3228
Peristaltic pump: D1ΦΦ45321

PURGE START TIME: ΦΦ819 PURGE END TIME: 1ΦΦ52 TOTAL VOLUME PURGED: 47,7ΦΦmL

SAMPLE START TIME: 1ΦΦ52 SAMPLE END TIME: 1103

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 8/26/24 Sp. Cond. ~~(µS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΦ819	3ΦΦ	1,8ΦΦ*	6.6Φ	1.12	52.3	3.21	16.71	251	1Φ.45
ΦΦ824		3,3ΦΦ	7.Φ9	1.1Φ	23.Φ	Φ.81	16.ΦΦ	214	1Φ.45
ΦΦ829		4,8ΦΦ	7.27	1.Φ9	11.3	Φ.39	15.84	179	1Φ.45
ΦΦ834		6,3ΦΦ	7.34	1.Φ9	5.1	Φ.27	15.79	15Φ	1Φ.45
ΦΦ839		7,8ΦΦ	7.37	1.Φ8	6.3	Φ.2Φ	15.77	12Φ	1Φ.45
ΦΦ844		9,3ΦΦ	7.41	1.Φ9	4.7	Φ.13	15.81	96	1Φ.45
ΦΦ9ΦΦ		14,1ΦΦ	7.44	1.Φ7	6.2	Φ.Φ7	15.86	34	1Φ.45
ΦΦ916		18,9ΦΦ	7.49	1.Φ8	6.5	Φ.Φ2	15.88	-26	1Φ.45
ΦΦ93~~62~~ BK 8/26/24 ΦΦ948		23,7ΦΦ	7.5Φ	1.Φ8	13.6	Φ.ΦΦ	15.88	-61	1Φ.45
		28,5ΦΦ	7.51	1.Φ7	32.Φ	Φ.ΦΦ	15.88	-81	1Φ.45
1ΦΦ4		33,3ΦΦ	7.53	1.Φ7	22.3	Φ.ΦΦ	16.ΦΦ	-97	1Φ.45
1Φ2Φ		38,1ΦΦ	7.49	1.Φ6	25.9	Φ.ΦΦ	16.16	-1Φ5	1Φ.45
1Φ36		42,9ΦΦ	7.49	1.Φ7	24.2	Φ.ΦΦ	16.54	-118	1Φ.45
1ΦS2		47,7ΦΦ	7.48	1.Φ7	22.7	Φ.ΦΦ	16.65	-117	1Φ.45

Recorded By: [signature] 8/26/24 QA: [signature] 9/12/24

DATE: 8/26/24

FIELD CREW: Bradley Kohlfeld, Dominic Stepl

BK 8/26/24

WEATHER: AM: Sunny, 83°
PM: Sunny, 93°

BK 8/26/24

DAILY TASK ACTIVITY: 0730: SLAPS, check in Horiba, load vehicle with groundwater sampling equipment, depart for BS3W07D
0800: Arrive at BS3W07D and prepare for rad + metals samples
0813: Begin pumping BS3W07D @ 300mL/min
0819: Begin purging BS3W07D
1 well volume (BS3W07D) = 89.0' - 10.36' = 78.64' x 0.16 = 12.58 gal x 3785 = 47615mL
1052: Begin sampling BS3W07D
1105: Complete sampling of BS3W07D, load vehicle, depart for SLAPS to secure samples and break for lunch
1215: Depart SLAPS for BS3W075
1220: Arrive at BS3W075 and prepare to sample for rad + metals
1238: Begin pumping BS3W075 @
1244: Begin purging BS3W075
1 well volume of BS3W075 = 36.0' - 16.83' = 19.17' x 0.16 = 3.07 gal x 3785 = 11,620 mL
BK 8/26/24
BK 8/26/24
1415: Begin sampling BS3W075
1435: Complete sampling, depart for SLAPS, dump purge water, secure samples.

Recorded By: 8/26/24 QA: 9/19/24

DATE: 8/27/24

FIELD CREW: Bradley Kohlfeld, Dominic Stepl

BK 8/27/24

WEATHER: AM: Sunny 85°

BK 8/27/24

DAILY TASK ACTIVITY: 0745: SLAPS, check in Horiba, load vehicle with groundwater sampling Equipment, replace nitro nitrogen tank, depart for BS3W175
BK 8.27.24
0820: Arrive at BS3W175 and prepare to sample for rad + metals
0832: Begin pumping BS3W175 @ 300mL/min
0838: Begin purging BS3W175
1 well volume BS3W175 = 35.5' - 11.12' = 24.3' x 0.65 = 15.80 gal x 3785 mL/gal = 59,803 mL
1152: Begin sampling BS3W175
1210: Complete sampling, load vehicle, return to SLAPS, dump purge water, secure samples, finish log book, house keeping

BK 8/27/24

Recorded By: 8/27/24 QA: 9/19/24

COC#: LEΦ8272Φ24-Φ1ML
LEΦ8272Φ24-Φ2TA

DATE: 8/26/24

FIELD CREW: Bradley Kohlfeld and Dominic Stefl Witness: none

WEATHER: Sunny, 83°

WELL ID: BS3WΦ75 SAMPLE ID: ~~BS3WΦ~~ SVP277133

TOTAL DEPTH: 36.Φ' WELL DIAMETER: 2" BK 8/26/24

SCREEN INTERVAL: 3Φ.Φ-35' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 16.83' FINAL WATER LEVEL: 18.42'

EVACUATION METHOD: Micro Purging with a peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199 WLI: GLW1Φ3228
Peristaltic pump: D1ΦΦ45321

PURGE START TIME: 1244 PURGE END TIME: 1415 TOTAL VOLUME PURGED: 11,64ΦmL

SAMPLE START TIME: 1415 SAMPLE END TIME: 1433

*mls removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 8/26/24 Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1244	12Φ	72Φ*	7.17	1.61	Φ.Φ	5.23	26.63	117	17.58
1249		132Φ	7.17	1.79	Φ.Φ	1.43	2Φ.53	1Φ8	17.73
1254		192Φ	7.14	1.77	Φ.Φ	Φ.73	2Φ.65	1Φ4	17.95
1259		2,52Φ	7.11	1.82	1.9	Φ.55	19.5Φ	1Φ1	18.1Φ
13Φ4		3,12Φ	7.13	1.82	Φ.Φ	Φ.44	19.71	95	18.21
13Φ9		3,72Φ	7.14	1.81	Φ.Φ	Φ.42	19.65	92	18.28
1318		4.8ΦΦ	7.2Φ	1.76	Φ.Φ	Φ.35	19.92	83	18.4Φ
1327		5,88Φ	7.21	1.77	Φ.Φ	Φ.34	19.83	77	18.41
1336		6,96Φ	7.23	1.76	Φ.Φ	Φ.3Φ	2Φ.69	71	18.42
1345		8,Φ4Φ	7.22	1.81	Φ.6	Φ.29	2Φ.ΦΦ	68	18.42
1354		9,12Φ	7.21	1.82	1.1	Φ.29	21.35	64	18.42
BK 8/26/24 1403 BK 8/26/24 1403		1Φ2ΦΦ	7.18	1.78	Φ.3	Φ.29	2Φ.79	63	18.42
1412		11,28Φ	7.19	1.82	Φ.2	Φ.28	2Φ.93	59	18.42
1415		11,64Φ	7.17	1.82	Φ.Φ	Φ.29	2Φ.39	59	18.42

Recorded By: [signature] 8/26/24 QA: [signature] 9/9/24

COC#: LEΦ82B2Φ24-Φ1ML
LEΦ82B2Φ24-Φ2TA

DATE: 8/27/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl Witness: none

WEATHER: Sunny, 85°

WELL ID: BS3W175 SAMPLE ID: SVP277135

TOTAL DEPTH: 35.5' WELL DIAMETER: 4"

SCREEN INTERVAL: 2Φ.3-3Φ.3' MIDDLE OF SCREEN: 25.3'

STARTING WATER LEVEL: 11.12' FINAL WATER LEVEL: 12Φ8'

EVACUATION METHOD: Micro purging with a Bladder Pump.

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199 WLI: GLW1Φ3228
Pump Controler: GLW1Φ3249

PURGE START TIME: ΦB38 PURGE END TIME: 1152 TOTAL VOLUME PURGED: 6Φ,ΦΦΦmL

SAMPLE START TIME: 1152 SAMPLE END TIME: 12Φ2

*mL removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 8/27/24 Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦB38	3ΦΦ	1,8ΦΦ*	6.39	6.54	Φ.Φ	6.69	17.38	223	11.59'
ΦB43		3,3ΦΦ	6.67	6.81 6.82 BK 8/27/24	Φ.Φ	4.62	16.93	212	11.67
ΦB48		4,8ΦΦ	6.69	6.76	Φ.Φ	1.55	16.98	21Φ	11.75
ΦB53		6,3ΦΦ	6.7Φ	6.87	Φ.Φ	1.39	16.85	2Φ7	11.82
ΦB58		7,8ΦΦ	6.7Φ	6.81	Φ.Φ	1.31	16.88	2Φ4	11.89
ΦΦΦ3		9,3ΦΦ	6.7Φ	6.8Φ	Φ.Φ	1.26	16.84	2Φ1	11.92
ΦΦ25		15,9ΦΦ	6.74	6.69	Φ.8	1.Φ4	16.92	187	11.98
ΦΦ47		22,5ΦΦ	6.77	6.88	Φ.Φ	Φ.79	17.Φ8	174	12.Φ3
1ΦΦ9		29,1ΦΦ	6.76	6.71	Φ.Φ	Φ.61	17.19	165	12.Φ4
1Φ31		35,2ΦΦ	6.73	6.73	Φ.3	Φ.47	17.41	157	12.Φ6
1ΦS3		42,3ΦΦ	6.75	6.69	Φ.3	Φ.65	17.38	149	12.Φ6
1115		48,9ΦΦ	6.69	6.6Φ	Φ.2	Φ.64	17.33	146	12.07
1137		55,5ΦΦ	6.75	6.6Φ	Φ.7	Φ.7Φ	17.74	137	12.Φ6
1152		6Φ,ΦΦΦ	6.72	6.65	Φ.Φ	Φ.7Φ	17.55	128	12.Φ8

Recorded By: [signature] 8/27/24 QA: [signature] 9/12/24

COC#: LE08292024-01ML
LE08292024-02TA

DATE: 8/28/24

FIELD CREW: Bradley Kohlfeld, Dominic Stepl witness: none

WEATHER: Partly cloudy, humid, 75°

WELL ID: BS3W065 SAMPLE ID: SVP277131

TOTAL DEPTH: 36.00' WELL DIAMETER: 2"

SCREEN INTERVAL: ~~15.31~~ 30.0-35' MIDDLE OF SCREEN: 32.5'
BK 8.28.24

STARTING WATER LEVEL: 15.31' FINAL WATER LEVEL: 24.11'

EVACUATION METHOD: Micro purging with a Bladder Pump

EQUIPMENT SERIAL #'S: Horiba: GLW1003199 WLI: GLW103228

Bladder Pump Controller: GLW103249

PURGE START TIME: 0820 PURGE END TIME: 0957 TOTAL VOLUME PURGED: 12,600mL

SAMPLE START TIME: 0957 SAMPLE END TIME: 1006

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm BK 8.28.24 Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0820	120	960*	6.42	2.29	7.0	3.17	17.56	251	17.07
0823		1320	6.74	2.32	4.9	1.43	17.07	230	17.33
0826		1680	6.79	2.31	3.1	1.06	17.46	231	17.49
0829		2,040	6.82	2.31	2.4	0.90	17.86	230	17.58
0832		2,400	6.84	2.32	2.5	0.84	18.39	~~230~~ 228	17.56
0835		2,760	6.85	2.32	3.7	0.81	18.55	BK 8.28.24 227	17.60
0846		4,080	6.88	2.33	0.4	0.49	17.11	225	18.27
0847 BK 8.28.24		5,400	6.86	2.32	0.0	0.26	16.68	221	19.13
0908		6,720	6.88	2.33	0.0	0.19	16.76	217	19.97
0919		8,040	6.88	2.33	0.0	0.12	16.87	213	20.81
0930		9,360	6.92	2.25	0.0	0.09	17.01	208	21.60
0941		10,680	6.90	2.14	0.0	0.18	17.02	206	22.36
0952		12,000	6.92	2.03	0.0	0.23	17.00	202	22.98
0957		12,600	6.94	2.01	0.0	0.33	17.04	200	23.32

Recorded By: [signature] 8/28/24 QA: [signature] 9/19/24

DATE: 8/28/24

FIELD CREW: Bradley Kohlfeld and Dominic Stepl

BK 8/28/24

WEATHER: AM: 75°: Partly cloudy, humid

PM: Mostly sunny, 92°

BK 8/28/24

DAILY TASK ACTIVITY: 0730: SLAPS, check in Horiba, load vehicle, plan work day, depart for BS3W065

0800: Arrive at BS3W065 and prepare to sample for rad+metals

0812: Begin pumping BS3W065 @ 120mL/min

0820: Begin purging BS3W065

1 well volume of BS3W065 = 36.0' - 15.31' = 20.69' x 0.16 = 3.31 gal x 3785 mL/gal = 12,528 mL

0957: BK 8.28.24 ~~PS~~ Begin sampling BS3W065

1012: Complete sampling of BS3W065 and depart for SLAPS to secure samples and break for lunch

1155: Arrive at PW42 and prepare to sample for rad + metals

1206: Begin pumping PW42 @ 300mL/min, change to 250mL/min @ 1243

1218: Begin purging PW42

1 well volume of PW42 = 85.1' - 10.73' = 74.37' x 0.16 = 11.90 gal x 3785 mL/gal = 45,042mL

1500: Begin sampling PW42

1521: Complete sampling, return to SLAPS, dump purge water, secure samples, housekeeping

Recorded By: [signature] 8/28/24 QA: [signature] 9/19/24

DATE: 8/29/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl

BK 8/29/24

WEATHER: Sunny, 82°, humid

BK 8/29/24

DAILY TASK ACTIVITY: 0730: Check in Horiba, load vehicle, plan work day
0840: Arrive at BS3W095 and prepare to sample for rad & metals
0857: Begin pumping BS3W095
0902: Begin purging BS3W095
1 well volume at BS3W095 = 36.00' - 16.98' = 19.02' X 0.16 = 3.04 gal X 3785 ml/gal = 11,506 mL
1016: Begin sampling BS3W095
1030: Complete sampling BS3W095, load vehicle, secure samples, depart for SLDS to gauge water levels of SLDS wellnetwork

1105: Arrive at SLDS, sign in at trailer, gauge SLDS wells:

B16W06D: 37.07'	DW15: 39.76'
B16W06S: 34.39'	DW16: 34.53'
B16W07D: 38.81'	DW17: 37.97'
B16W08D: 39.43'	DW18: 40.49'
B16W08S: 32.29'	DW19RD: 22.93'
B16W09D: 34.07'	DW19RS: 35.43' BK 8/29/24
B16W12S: 14.90'	
DW14: water level ≈ below middle of screen	DW21: 9.61

1220: Complete ganging SLDS wells' water level, check out at SLDS trailer, return to SLAPS, dump purge water, secure samples, survey samples, submit samples.

Recorded By: 8/29/24 QA: for S. Hom 9/12/24

COC#: LE08292024-01ML
LE08292024-02TA

DATE: 8/28/24

FIELD CREW: Bradley Kohlfeld, Dominic Stefl Witness: none

WEATHER: Mostly sunny, 92°

WELL ID: PW42 SAMPLE ID: SVP277140

TOTAL DEPTH: 85.1' WELL DIAMETER: 2"

SCREEN INTERVAL: 83.0' MIDDLE OF SCREEN: 84'

STARTING WATER LEVEL: 10.73' FINAL WATER LEVEL: 24.92'

EVACUATION METHOD: Micro purging with a Bladder Pump

EQUIPMENT SERIAL #'S: Horiba: GLW10319 WLI: GLW10322B
Peristaltic Pump: D10045321

PURGE START TIME: 1218 PURGE END TIME: 1500 TOTAL VOLUME PURGED: 45,100 mL

SAMPLE START TIME: 1500 SAMPLE END TIME: 1515

Knot removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm BK 8/28/24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1218	BK 8/28/24 X 300	3600*	7.16	0.961	0.0	2.93	24.06	197	13.66
1223		5,100	7.49	1.00	0.0	0.72	21.19	153	14.44
1228		6,600	7.50	1.01	0.4	0.48	20.34	116	15.14
1233		8,100	7.47	1.01	0.0	0.41	19.76	82	15.78
1238		9,600	7.53	1.00	0.0	0.31	19.63	33	16.33
1243	250	10,850	7.57	1.01	0.0	0.29	19.89	7	17.20
1248		12,100	7.67	1.01	2.5	0.26	20.31	-45	17.71
1308		17,100	7.74	1.01	2.8	0.21	20.28	-100	19.91
1328		22,100	7.73	1.02	2.1	0.19	20.06	-122	21.90
1348		27,100	7.73	1.03	4.8	0.16	20.13	-134	23.70
1408		32,100	7.75	1.03	1.5	0.17	20.40	-143	24.21
1428		37,100	7.79	1.03	1.8	0.17	20.26	-150	24.57
1448		42,100	7.77	1.03	4.1	0.17	20.71	-154	24.67
1500		45,100	7.72	1.02	5.0	0.17	21.14	-154	24.81

Recorded By: 8/28/24 QA: for S. Hom 9/12/24

COC#: LEΦ8292Φ24-Φ4ML
COC#: LEΦ8292Φ24-Φ5TA

DATE: 8/29/24

FIELD CREW: Bradley Kohlfeld, Dominic Stepl Witness: none

WEATHER: Sunny, 82°, humid

WELL ID: BS3WΦ9S SAMPLE ID: SVP277134

TOTAL DEPTH: 36.Φ' WELL DIAMETER: 2"

SCREEN INTERVAL: 3Φ.Φ-35.Φ' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 16.98 FINAL WATER LEVEL: 18.61

EVACUATION METHOD: Micro purging with a Bladder Pump

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199 WLI: GLW1Φ3228
Bladder pump controller: GLW1Φ3249

PURGE START TIME: Φ9Φ2 PURGE END TIME: 1Φ16 TOTAL VOLUME PURGED: 11,6ΦΦmL

SAMPLE START TIME: 1Φ16 SAMPLE END TIME: 1Φ28

*mL removed before purging began

FIELD PARAMETERS

mS/cm BK 8/29/24

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ9Φ2	15Φ	75Φ *	6.51	1.16	Φ.Φ	6.43	17.89	225	17.94
Φ9Φ7		1,5ΦΦ	6.74	1.17	Φ.Φ	1.45	17.Φ8	211	18.17
Φ912		2,25Φ	6.77	1.17	Φ.Φ	Φ.93	16.99	2Φ9	18.33
Φ917		3,ΦΦΦ	6.85	1.18	Φ.Φ	Φ.58	16.88	2Φ2	18.49
Φ922		3,75Φ	6.89	1.19	Φ.Φ	Φ.46	16.78	197	18.53
Φ927		4,25Φ	6.88	1.2Φ	Φ.Φ	Φ.39	16.8Φ	195	18.59
Φ932		5,ΦΦΦ	6.85	1.21	Φ.Φ	Φ.34	16.77	194	18.61
Φ939		6,Φ5Φ	6.86	1.24	Φ.Φ	Φ.25	16.86	188	18.6Φ
Φ946		7,1ΦΦ	6.87	1.25	Φ.Φ	Φ.21	16.88	183	18.61
Φ953		8,15Φ	6.88	1.26	Φ.Φ	Φ.18	16.89	178	18.61
1ΦΦΦ		9,2ΦΦ	6.87	1.26	Φ.Φ	Φ.14	17.ΦΦ	174	18.62
1Φ07		1Φ,25Φ	6.86	1.26	Φ.Φ	Φ.12	17.Φ9	17Φ	18.61
1Φ14		11,3ΦΦ	6.84	1.27	Φ.Φ	Φ.1Φ	17.16	165	18.61
1Φ16		11.6ΦΦ	6.84	1.27	Φ.Φ	Φ.1Φ	17.21	164	18.61

Recorded By: 8/29/24 QA: 9/9/24

COC#: LEΦ9Φ42Φ24-Φ1ML
COC#: LEΦ9Φ42Φ24-Φ2TA

DATE: 9/3/24

FIELD CREW: Bradley Kohlfeld and Dominic Stepl Witness: none

WEATHER: Overcast, 61°

WELL ID: DW16 SAMPLE ID: SLD277151

TOTAL DEPTH: 5Φ.Φ' WELL DIAMETER: 2"

SCREEN INTERVAL: 39.Φ-49' MIDDLE OF SCREEN: 44'

STARTING WATER LEVEL: 35.86' FINAL WATER LEVEL: 35.86'

EVACUATION METHOD: Micro purging with a Bladder Pump

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199, WLI: GLW1Φ3228
Bladder pump controller: GLW1Φ3249

PURGE START TIME: ΦΒ37 PURGE END TIME: Φ916 TOTAL VOLUME PURGED: Β,ΒΦΦmL

SAMPLE START TIME: Φ916 SAMPLE END TIME: Φ924

*mL removed before purging began

FIELD PARAMETERS

mS/cm BK 9/3/24

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΒ37	2ΦΦ	1ΦΦΦ *	6.13	1.85	46.Φ	1.96	17.4Φ	292	35.86
Φ84Φ		1,6ΦΦ	6.6Φ	1.87	41.5	Φ.85	17.22	273	35.86
Φ843		2,2ΦΦ	6.73	1.86	38.6	Φ.62	17.19	267	35.86
Φ846		2,8ΦΦ	6.83	1.85	34.4	Φ.44	17.14	26Φ	35.86
Φ849		3,4ΦΦ	6.89	1.85	32.8	Φ.37	17.17	252	35.86
Φ852		4,ΦΦΦ	6.92	1.84	3Φ.Φ	Φ.32	17.15	245	35.86
Φ855		4,6ΦΦ	6.96	1.83	23.7	Φ.3Φ	17.18	237	35.86
Φ858		5,2ΦΦ	6.98	1.83	2Φ.5	Φ.28	17.19	23Φ	35.86
Φ9Φ1		5,8ΦΦ	7.ΦΦ	1.82	17.6	Φ.26	17.19	223	35.86
Φ9Φ4		6,4ΦΦ	7.Φ2	1.82	15.2	Φ.24	17.23	214	35.86
Φ9Φ7		7,ΦΦΦ	7.Φ4	1.8Φ	16.Φ	Φ.24	17.27	2Φ6	35.86
Φ91Φ		7,6ΦΦ	7.Φ4	1.79	14.8	Φ.22	17.25	199	35.86
Φ913		8,2ΦΦ	7.Φ4	1.79	15.3	Φ.24	17.23	192	35.86
Φ916		8,8ΦΦ	7.Φ5	1.77	16.5	Φ.25	17.25	184	35.86

Recorded By: 9/3/21 QA: 9/9/24

COC: LE06262024-01ML
LE06262024-02TA

DATE: 6/26/24

FIELD CREW: Lan Hoang & Brad Kohlfeld Witness: none

WEATHER: Overcast &, light rain, 73°F

WELL ID: DW-14 SAMPLE ID: SL0276653 5 BK 7-9-24

TOTAL DEPTH: 40' WELL DIAMETER: 2"

SCREEN INTERVAL: 26.6' - 36.6' MIDDLE OF SCREEN: 31.6'

STARTING WATER LEVEL: 23.02' FINAL WATER LEVEL: 22.81'

EVACUATION METHOD: Micro purging with bladder pump

EQUIPMENT SERIAL #'S: Horiba = GLW1003199, WLI = GLW1003228,
pump controller = GLW1003249

PURGE START TIME: 0957 PURGE END TIME: 1018 TOTAL VOLUME PURGED: 1000 mL

SAMPLE START TIME: 1018 SAMPLE END TIME: 1025

mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (~~µS/cm~~ mS/cm 6-26-24 BK)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0957	300	2700	6.98	4.98	84.7	3.29	20.74	190	22.83
~~0959~~ 1000		3600	6.99	5.01	93.3	1.67	20.55	161	22.81
0957		4500	6.60	4.98	90.7	1.14	20.49	144	22.81
1000		5400	6.68	4.96	91.4	0.90	20.43	125	22.87
1003		6300	6.75	4.94	90.9	0.76	20.41	106	22.81
1006		7200	6.79	4.93	94.1	0.65	20.42	83	22.81
1009		8100	6.81	4.92	93.7	0.60	20.38	58	22.81
1012		9000	6.83	4.91	92.8	0.56	20.39	39	22.81
1015		9900	6.84	4.90	93.1	0.52	20.39	27	22.81
1018		10800	6.85	4.89	92.7	0.49	20.34	21	22.81

6-26-24

Recorded By: Lan Hoang 6/26/24 QA: BK 7-9-24

DATE: 8/1/24

FIELD CREW: Bradley Kohlfeld and Dominic Stepl

BK/8/1/24

WEATHER: Partly cloudy, 80°F

BK/8/1/24

DAILY TASK ACTIVITY: 0730: Begin water level measurements for North County wells

PW36: 9.81'
PW35: ~~11.64'~~ BK 8/1/24 11.64'
BS3W01D: 10.58'
BS3W01S: 13.01'
HISS19S: 14.42'
HISS17S: 5.52'
HISS06A: 8.07'
HISS11A: 12.89'
HISS10: 6.67'
HISS01: 7.69'
HW22: 19.20'
HW23: 9.95'
MW32-98: 14.93'
BS3W06S: 14.75'
BS3W07D: 10.60'
BS3W07S: 16.20'
PW43: 11.00'
MW31-98: 8.24'
BS3W09S: 16.45'
PW42: 10.83'
BS3W17S: 9.73'
PW44: 5.02'
PW45: 6.79'
PW46: 12.55'

~~BK~~ 8/1/24

Recorded By: BK 8/1/24 QA: 8-14-2024

COC#: LEØ8Ø52Ø24-Ø9ML
LEØ8Ø52Ø24-1ØTA

DATE: 8/5/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 91°F

WELL ID: HSS-195 SAMPLE ID: HS277126

TOTAL DEPTH: 29.6' WELL DIAMETER: 4"

SCREEN INTERVAL: 14.3' - 24.3' MIDDLE OF SCREEN: 19.3'

STARTING WATER LEVEL: 14.49' FINAL WATER LEVEL: 17.3Ø'

EVACUATION METHOD: Micro-flop purging with peristaltic pump 8.5.24

EQUIPMENT SERIAL #'S: Horiba = GLW1Ø3199, WLI = GLW1Ø3228,
peristaltic pump = 01ØØ45321

PURGE START TIME: 1Ø14 PURGE END TIME: 1213 TOTAL VOLUME PURGED: 37,5ØØ mL

SAMPLE START TIME: 1213 SAMPLE END TIME: 122Ø

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm) mS/cm 8.5.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Ø14	3ØØ	18ØØ*	6.65	1.Ø9	6.1	6.1Ø	19.69	96	14.76
1Ø17		27ØØ	6.84	1.Ø8	6.6	1.63	19.39	74	14.84
1Ø2Ø		36ØØ	6.94	1.Ø7	3.8	Ø.83	19.22	56	14.94
1Ø23		45ØØ	6.98	1.Ø6	3.1	Ø.64	19.13	5Ø	15.Ø2
1Ø26		54Ø6	6.99	1.Ø5	3.5	Ø.51	19.14	43	15.11
1Ø29		63ØØ	7.ØØ	1.Ø5	2.7	Ø.44	19.14	4Ø	15.19
1Ø49		123ØØ	7.Ø3	1.Ø4	1.5	Ø.33	19.35	13	15.58
11Ø9		183ØØ	7.Ø9	1.Ø3	3.9	Ø.23	19.28	-17	15.95
1129		243ØØ	7.Ø8	1.Ø5	2.6	Ø.15	19.Ø2	-34	16.35
1149		3Ø3ØØ	7.Ø4	1.Ø3	2.7	Ø.12	19.24	-45	16.72
12Ø9		363ØØ	6.99	1.Ø1	1.9	Ø.12	19.17	-51	17.14
1213		375ØØ	7.ØØ	1ØØ1	1.8	Ø.12	19.2Ø	-51	17.23

8.5.24

24

Recorded By: 8/5/24 QA: 8/13/24

DATE: 8/5/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

24 8.5.24

WEATHER: Mostly Sunny, 91°F

24 8.5.24

DAILY TASK ACTIVITY: Ø83Ø - Arrive at SLAPS to calibrate Horiba and load equipment for ground water monitoring.

Ø93Ø - Arrive at HSS-195 to sample for rad.'s & metals.

1well volume (HSS-195) = 29.6' - 14.49' = 15.11 x Ø.65 = 9.8 x 3785 = 37,ØØ3 mL

1ØØ8 - Begin pumping of HSS-195 at 3ØØ mL/min.

1Ø14 - Begin purging of HSS-195.

1213 - Begin sampling of HSS-195.

122Ø - Complete sampling of HSS-195 and return to SLAPS to secure samples and off-load equipment.

8.5.24

24

Recorded By: 8/5/24 QA: 8/13/24

COC#: LEΦ8Φ62Φ24-Φ1ML
LEΦ8Φ62Φ24-Φ2TA

DATE: 8/6/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 86°F

WELL ID: HSS-17S SAMPLE ID: HS277125

TOTAL DEPTH: 22.6' WELL DIAMETER: 4"

SCREEN INTERVAL: 12.3' - 22.3' MIDDLE OF SCREEN: 17.3'

STARTING WATER LEVEL: 7.47' FINAL WATER LEVEL: 8.Φ7

EVACUATION METHOD: micro purging with peristaltic pumps.

EQUIPMENT SERIAL #'S: ~~Micro pur~~ Horiba = GLW1Φ3199, WLI = GLW1Φ3228,
peristaltic pump = D1ΦΦ45321

PURGE START TIME: ΦΦ81Φ PURGE END TIME: 1Φ1Φ TOTAL VOLUME PURGED: 37,5ΦΦ mL

SAMPLE START TIME: 1Φ1Φ SAMPLE END TIME: 1Φ25

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΦ81Φ	3ΦΦ	15ΦΦ*	6.76	Φ.483	1.1	5.71	2Φ.ΦΦ	189	7.67
Φ813		24ΦΦ	7.22	Φ.481	1.7	4.9Φ	19.7Φ	171	7.74
Φ816		33ΦΦ	7.46	Φ.476	2.Φ	4.68	19.54	162	7.76
Φ819		42ΦΦ	7.58	Φ.474	2.1	4.51	19.53	157	7.81
Φ822		51ΦΦ	7.68	Φ.473	2.Φ	4.36	19.39	153	7.84
Φ842		111ΦΦ	7.97	Φ.473	2.3	3.35	19.26	135	7.91
Φ9Φ2		171ΦΦ	8.ΦΦ	Φ.474	2.2	2.29	19.28	126	7.94
Φ922		231ΦΦ	7.99	Φ.473	2.4	1.64	19.25	121	8.Φ1
Φ942		291ΦΦ	8.Φ5	Φ.472	2.Φ	1.Φ9	19.37	116	8.Φ4
1ΦΦ2		351ΦΦ	7.96	Φ.472	1.4	Φ.73	19.25	1ΦΦ	8.Φ6
101Φ	↓	375ΦΦ	7.96	Φ.471	1.3	Φ.71	19.2Φ	1Φ6	8.Φ8

8.6.24
ZH

Recorded By: Lon E. Hoover 8/6/24 QA: 8/13/24

DATE: 8/6/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

RH 8.6.24

WEATHER: Mostly Sunny, 86°F

ZH 8.6.24

JM 8.6.24

DAILY TASK ACTIVITY: ~~ΦΦΦΦ~~
Φ7ΦΦ- Arrive at SLAPS to calibrate Horiba and load equipment for ground water monitoring.
Φ75Φ- Arrive at HSS-17S and prepare to sample For Rad. & metals.
1 well volume (HSS-17S) ⇒ 22.6' - 7.47' = 15.13 x Φ.65 = 9.8 g. x 3785 = 37,ΦΦ7 mL
ΦΦ85- Begin pumping of HSS-17S at 3ΦΦ mL/min
Φ81Φ- Begin purging of HSS-17S.
1Φ1Φ- Begin sampling of HSS-17S.
1Φ25- Complete sampling of HSS-17S and return to SLAPS to secure samples and off-load equipment.

8.6.24
ZH

Recorded By: Lon E. Hoover 8/6/24 QA: 8/13/24

COC#: LEΦ8Φ82Φ24-Φ1ML
LEΦ8Φ82Φ24-Φ2TA
LEΦ8Φ82Φ24-Φ3TD

DATE: 8|7|24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Cloudy, 73°F

WELL ID: HISS-1Φ SAMPLE ID: HIS2712 3 (-1 & -2)

TOTAL DEPTH: 25.7' WELL DIAMETER: 2"

SCREEN INTERVAL: 18.7' – 23.4' MIDDLE OF SCREEN: 21.1'

STARTING WATER LEVEL: 7.41' FINAL WATER LEVEL: 7.98'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW103228,
peristaltic pump = D1Φ04532 1

PURGE START TIME: ~~0819~~ 1Φ19 PURGE END TIME: 1Φ51 TOTAL VOLUME PURGED: 11,1ΦΦ mL

SAMPLE START TIME: 1Φ51 SAMPLE END TIME: 112Φ

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (~~µS/cm~~)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
~~0819~~	3ΦΦ	15ΦΦ*	6.76	1.13	2.6	2.77	17.79	219	7.8Φ
1Φ22		24ΦΦ	7.17	1.14	1.6	1.Φ9	17.54	2Φ3	7.83
1Φ25		33ΦΦ	7.29	1.13	1.Φ	Φ.64	17.29	195	7.86
1Φ28		42ΦΦ	7.35	1.13	1.5	Φ.52	17.22	191	7.87
1Φ31		51ΦΦ	7.39	1.12	1.7	Φ.41	17.17	188	7.88
1Φ34		6ΦΦΦ	7.44	1.11	1.8	Φ.34	17.12	184	7.88
1Φ37		69ΦΦ	7.48	1.11	1.9	Φ.29	17.Φ5	181	7.89
1Φ4Φ		78ΦΦ	7.51	1.11	2.Φ	Φ.26	16.98	178	7.91
1Φ45		93ΦΦ	7.55	1.11	2.1	Φ.17	16.89	174	7.92
1Φ5Φ		1Φ8ΦΦ	7.58	1.11	2.3	Φ.14	16.87	17Φ	7.93
1Φ51		111ΦΦ	7.57	1.11	2.3	Φ.13	16.88	169	7.93

8.7.24 LH

Recorded By: Jon E. Hoover 8/7/24 QA: 8/13/24

DATE: 8|7|24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

LH | 8.7.24

WEATHER: Cloudy, 73°F

LH | 8.7.24

DAILY TASK ACTIVITY: ΦBΦΦ - Arrive at SLAPS to calibrate Horibas and load equipment for ground water monitoring.

1ΦΦΦ - Arrive at HISS-1Φ and prepare to sample for Rad.'s & metals.

well volume (HISS-1Φ) = 25.7' – 7.41' = 18.29 * Φ.16 = 2.93 x 3785 = 11,Φ76 mL

1Φ14 - Begin pumping of HISS-1Φ at 3ΦΦ mL/min.

1Φ19 - Begin purging of HISS-1Φ.

1Φ51 - Begin sampling of HISS-1Φ.

112Φ - Complete sampling of HISS-1Φ and return to SLAPS to secure samples and off-load equipment.

8.7.24 LH

Recorded By: Jon E. Hoover 8/7/24 QA: 8/13/24

COC#: LE Φ8ΦB2Φ24-Φ4ML
LE Φ8ΦB2Φ24-Φ5TA

DATE: 8/8/24

FIELD CREW: Lon Hoover & Brad Kohlfeld

WEATHER: Partly Cloudy, 77°F

WELL ID: HISS-Φ6A SAMPLE ID: HISS277122

TOTAL DEPTH: 23.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 17.8'-22.8' MIDDLE OF SCREEN: 2Φ.3'

STARTING WATER LEVEL: 8.33' FINAL WATER LEVEL: 8.53'

EVACUATION METHOD: Micro-purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228, peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ938 PURGE END TIME: 1Φ2Φ TOTAL VOLUME PURGED: 9,18ΦmL*

SAMPLE START TIME: 1Φ2Φ SAMPLE END TIME: 1Φ35

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ938	18Φ	162Φ*	6.66	1.38	1Φ.6	3.23	2Φ.53	228	8.53
Φ941		216Φ	7.Φ4	1.37	6.2	1.2Φ	2Φ.4Φ	216	8.53
Φ944		27ΦΦ	7.14	1.37	4.5	Φ.9Φ	2Φ.42	212	8.53
Φ947		324Φ	7.21	1.36	2.5	Φ.72	2Φ.39	2Φ3	8.53
Φ95Φ		378Φ	7.27	1.36	1.9	Φ.62	2Φ.39	2ΦΦ	8.53
Φ953		432Φ	7.29	1.36	1.8	Φ.59	2Φ.34	198	8.53
Φ956		486Φ	7.32	1.36	1.4	Φ.56	2Φ.39	194	8.53
1ΦΦ6		666Φ	7.36	1.36	Φ.6	ΦΦ.47	2Φ.43	185	8.53
1Φ16		846Φ	7.39	1.36	Φ.3	Φ.44	2Φ.55	179	8.53
1Φ2Φ	↓	918Φ	7.4Φ	1.36	Φ	Φ.4Φ	2Φ.27	178	8.53

8.8.24 KH

8.8.24 JH

Recorded By: Lon E. Hoover 8/8/24 QA: [signature] 8/13/24

DATE: 8/8/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

8.8.24 KH

WEATHER: Partly Cloudy, 77°F

8.8.24 JH

DAILY TASK ACTIVITY: Φ8ΦΦ- Arrive at SLAPS and calibrate Horiba and Cond equipment for ground water monitoring.
Φ915- Arrive at HISS-Φ6A and prepare to sample for Rad. & metals.
) well volume = 8.33' - 23.3' = 14.97 x Φ.16 = 2.4g x 3785 = 9,ΦΦ5mL
Φ929- Begin purging of HISS-Φ6A at 18ΦmL/min.
Φ938- Begin purging of HISS-Φ6A.
1Φ2Φ- Begin sampling of HISS-Φ6A.
1Φ35- Complete sampling of HISS-Φ6A and return to SLAPS to secure samples and off-load equipment.

8.8.24 JH

Recorded By: Lon E. Hoover 8/8/24 QA: [signature] ΦΦ/13/24

COC ID: LE1Φ162Φ24-ΦIML
LE1Φ162Φ24-Φ2TA

DATE: 1Φ/15/24

FIELD CREW: Bradley Kohlfeld + Zach Matthews Witness: none

WEATHER: 5Φ°F, cloudy

WELL ID: H1SS-17S SAMPLE ID: H1S278683

TOTAL DEPTH: 22.6' WELL DIAMETER: 4"

SCREEN INTERVAL: 12.3-22.3' MIDDLE OF SCREEN: 17.3'

STARTING WATER LEVEL: 9.4Φ' FINAL WATER LEVEL: 1Φ.22'

EVACUATION METHOD: Micro purging with a peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199, WLI: GLW1Φ3228
Peristaltic pump: D1ΦΦ45321

PURGE START TIME: ΦΦ5Φ PURGE END TIME: 1Φ17 TOTAL VOLUME PURGED: 33,3ΦΦmL

SAMPLE START TIME: 1Φ17 SAMPLE END TIME: 1Φ25

*mL removed before purging began FIELD PARAMETERS

mS/cm BK 1Φ/15/24

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΦ5Φ	3ΦΦ	6,ΦΦΦ*	6.67	Φ.46Φ	13.7	6.91	17.72	268	9.45
ΦΦ55		7,5ΦΦ	7.13	Φ.449	6.1	5.43	17.61	259	9.54
Φ9ΦΦ		9,ΦΦΦ	7.28	Φ.446	5.7	5.28	17.58	256	9.62
Φ9Φ5		1Φ,5ΦΦ	7.37	Φ.445	5.6	4.98	17.56	255	9.77
Φ91Φ		12,ΦΦΦ	7.56	Φ.446	5.9	3.54	17.54	249	9.91
Φ918		15,6ΦΦ	7.66	Φ.45Φ	6.Φ	2.Φ1	17.44	242	1Φ.ΦΦ
Φ926		18,ΦΦΦ	7.71	Φ.45Φ	6.1	1.75	17.4Φ	237	1Φ.1Φ
Φ934		2Φ,4ΦΦ	7.78	Φ.45Φ	8.5	1.14	17.39	229	1Φ.13
Φ942		22,8ΦΦ	7.81	Φ.45Φ	8.1	Φ.85	17.32	223	1Φ.13
Φ95Φ		25,2ΦΦ	7.81	Φ.451	9.3	Φ.71	17.36	218	1Φ.14
Φ958		27,6ΦΦ	7.84	Φ.452	11.1	Φ.64	17.33	212	1Φ.15
1ΦΦ6		3Φ,ΦΦΦ	7.86	Φ.453	12.Φ	Φ.56	17.35	2Φ6	1Φ.16
1Φ14		32,4ΦΦ	7.88	Φ.453	13.1	Φ.53	17.33	198	1Φ.18
1Φ17		33,3ΦΦ	7.89	Φ.453	13.3	Φ.49	17.33	196	1Φ.2Φ

Recorded By: 1Φ/15/24 QA:

COC ID: LE1Φ162Φ24-ΦIML
LE1Φ162Φ24-Φ2TA

DATE: 1Φ/15/24

FIELD CREW: Bradley Kohlfeld + Zach Matthews Witness: none

WEATHER: 54°F, mostly cloudy, windy

WELL ID: H1SS-Φ6A SAMPLE ID: H1S27868Φ

TOTAL DEPTH: 23.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 17.8-22.8' MIDDLE OF SCREEN: 2Φ.3'

STARTING WATER LEVEL: 8.91 FINAL WATER LEVEL: ~~9.ΦΦ~~ 9.ΦΦ BK 1Φ/15/24

EVACUATION METHOD: Micro purging with a peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba: GLW1Φ3199, WLI: GLWTΦ3228
Peristaltic pump: D1ΦΦ45321

PURGE START TIME: 1241 PURGE END TIME: 1358 TOTAL VOLUME PURGED: 8,8ΦΦmL

SAMPLE START TIME: 1358 SAMPLE END TIME: 142Φ

*mL removed before purging began FIELD PARAMETERS

mS/cm BK 1Φ/15/24

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1241	1ΦΦ	1,1ΦΦ*	7.44	1.27	63.5	2.41	17.94	24	9.Φ5
1246		1,6ΦΦ	7.56	1.27	52.3	1.45	17.99	2Φ1	9.Φ6
1251		2,1ΦΦ	7.57	1.27	42.3	1.15	18.11	194	9.Φ7
1256		2,6ΦΦ	7.57	1.26	27.3	Φ.92	18.17	187	9.Φ8
13Φ1		3,1ΦΦ	7.58	1.26	11.1	Φ.84	17.85	182	9.Φ9
13Φ6		3,6ΦΦ	7.58	1.26	11.6	Φ.8Φ	17.98	177	9.1Φ
1313		4,3ΦΦ	7.61	1.26	12.6	Φ.73	18.Φ5	166	9.11
132Φ		5,ΦΦΦ	7.59	1.27	8.3	Φ.68	17.9Φ	161	9.11
1327		5,7ΦΦ	7.61	1.26	1Φ.2	Φ.65	17.96	155	9.11
1334		6,4ΦΦ	7.6Φ	1.26	8.Φ	Φ.63	17.81	152	9.1Φ
1341		7,1ΦΦ	7.62	1.26	7.3	Φ.58	17.76	144	9.Φ9
1348		7,8ΦΦ	7.59	1.26	6.7	Φ.56	17.77	145	9.Φ8
1355		8,5ΦΦ	7.6Φ	1.26	7.2	Φ.58	17.75	14Φ	9.Φ8
1358		8,8ΦΦ	7.64	1.26	7.Φ	Φ.58	17.73	139	9.Φ8

Recorded By: 1Φ/15/24 QA:

DATE: 10/3/24

FIELD CREW: Lon Hoover ; Brad Kohlfeld Witness: none

ZH | 10.3.24

WEATHER: Slight Overcast, 62°F

ZH | 10.3.24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS and load equipment for comprehensive water gauging of all North County wells.

PW-36 = 9.31'	MW32-98 = 15.49'
PW-35 = 15.38'	B53W065 = 15.35'
B53W01D = 10.21'	B53W07D = 9.96'
B53W01S = 14.17'	B53W07S = 16.83'
HISS-19S = 14.31'	MW31-98 = 10.25'
HISS-17S = 6.19'	B53W09S = 16.88'
HISS-11A = 12.01'	PW42 = 10.40'
HISS-01 = 9.41'	PW43 = 11.78'
HISS-10 = 7.05'	B53W17S = 10.83'
HISS-06A = 8.25'	PW44 = 5.44'
HW-23 = 9.92'	PW45 = 7.00'
HW-22 = 14.32'	PW46 = 14.17'

Recorded By: J. Hoover 10/3/24 QA: 10/4/24

DATE: 10/15/24

FIELD CREW: Bradley Kohlfeld and Zach Matthews

BK/10/15/24

WEATHER: 50°F, Cloudy (AM)
54°F, Mostly cloudy, windy
BK/10/15/24 - —

DAILY TASK ACTIVITY: 0730: SLAPS; check in Horiba, gather water sampling EQ, depart for HISS-175
0820: HISS175; prepare to sample for rad + metals
1 well volume (HISS-175) = 22.6' - 9.40' = 13.2' × 0.65 = 8.58 gal × 3785 mL/gal = 32,475.3 mL
0830: Begin pumping HISS-175 @ 300 mL/min
0850: Begin purging HISS-175
1015: Begin sampling HISS-175
1035: Complete sampling HISS-175, secure samples, break for lunch
1205: Depart from SLAPS for HISS-06A
1215: Arrive at HISS-06A and prepare to sample for rad + metals
1230: Begin pumping HISS-06A @ 100 mL/min
1 well volume (HISS-06A) = 23.3' - 8.91' = 14.39' × 0.16 = 2.30 gal × 3785 mL/gal = 8706 mL
1241: Begin purging HISS-06A
1358: Begin sampling HISS-06A
1425: Complete sampling of HISS-06A and secure samples, unload EQ, drop off purge water, housekeeping

Recorded By: 10/15/24 QA:

COC ID: LE10162024-03ML
LE10162024-04TA

DATE: 10/16/24

FIELD CREW: Bradley Kohlfeld & Jared King Witness: none

WEATHER: Sunny, 45°F

WELL ID: HISS-195 SAMPLE ID: HIS278684

TOTAL DEPTH: 29.6' WELL DIAMETER: 4"

SCREEN INTERVAL: 14.3-24.3' MIDDLE OF SCREEN: 19.3'

STARTING WATER LEVEL: 14.61' FINAL WATER LEVEL: 18.02

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW103199, WLI: GLW103228

Peristaltic pump: D10045321

PURGE START TIME: 0853 PURGE END TIME: 1048 TOTAL VOLUME PURGED: 36903mL

SAMPLE START TIME: 1048 SAMPLE END TIME: 1056

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm or µS/cm 10-16-24 Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0853	300	2,400*	6.54	1.15	25.7	7.49	16.51	275	14.95
0856		3300	6.79	1.15	24.8	2.02	16.55	248	15.04
0859		4200	7.02	1.14	25.2	1.22	16.59	236	15.14
0902		5100	7.10	1.14	22.2	0.90	16.60	226	15.24
0905		6000	7.17	1.13	22.0	0.72	16.75	215	15.35
0908		6900	7.20	1.13	18.6	0.63	16.68	205	15.44
0911		7800	7.22	1.12	17.1	0.56	16.73	196	15.54
0915		12000	7.28	1.11	8.3	0.39	16.63	154	15.89
0939		16200	7.30	1.10	7.6	0.31	16.71	125	16.22
0953		20400	7.28	1.10	7.8	0.25	16.64	100	16.58
1007		24600	7.27	1.09	10.4	0.22	16.69	74	16.91
1021		28800	7.24	1.09	10.6	0.18	16.68	44	17.18
1035		33000	7.21	1.07	11.8	0.14	16.83	26	17.58
1048		36903	7.22	1.07	11.3	0.14	16.82	8	17.90

Recorded By: 10-16-24 QA: 10/21/24

COC ID: LE10162024-03ML
LE10162024-04TA

DATE: 10-16-2024

FIELD CREW: Jared King, Bradley Kohlfeld Witness: none

WEATHER: Sunny, 58°F

WELL ID: HISS-11A SAMPLE ID: HIS278682

TOTAL DEPTH: 23.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 18'-23' MIDDLE OF SCREEN: 21'

STARTING WATER LEVEL: 13.47 FINAL WATER LEVEL: 15.36'

EVACUATION METHOD: micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba: GLW103199, WLI: GLW103228

Peristaltic pump: D10045321

PURGE START TIME: 1329 PURGE END TIME: 1404 TOTAL VOLUME PURGED: 6150

SAMPLE START TIME: 1404 SAMPLE END TIME: 1419

mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm or µS/cm 10-16-24 Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1329	150	900*	7.67	0.736	60.5	6.12	18.43	74	14.27
1332		1350	7.59	0.733	76.5	2.10	18.65	70	14.45
1335		1800	7.57	0.728	74.8	1.32	18.73	66	14.60
1338		2250	7.59	0.725	66.8	1.00	18.82	59	14.72
1341		2700	7.61	0.724	61.3	0.84	18.93	54	14.82
1344		3150	7.62	0.723	52.6	0.73	18.97	52	14.90
1347		3600	7.62	0.722	48.2	0.69	19.03	49	14.96
1350		4050	7.60	0.721	31.2	0.61	19.03	50	15.02
1353		4500	7.62	0.721	22.4	0.56	19.08	44	15.06
1356		4950	7.63	0.721	11.0	0.54	19.07	41	15.10
1359		5400	7.60	0.721	4.7	0.52	19.05	39	15.13
1402		5850	7.63	0.721	3.9	0.48	19.08	38	15.16
1404		6150	7.63	0.721	3.6	0.49	19.09	37	15.19
					N/A				

Recorded By: 10-16-24 QA: 10/21/24

COCID: LE1Φ232Φ24-ΦIML
LE1Φ232Φ24-Φ2TA

DATE: 1Φ/21/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 59°F

WELL ID: HISS-Φ1 SAMPLE ID: HIS278679

TOTAL DEPTH: 25' WELL DIAMETER: 4"

SCREEN INTERVAL: 19'-24' MIDDLE OF SCREEN: 21.5'

STARTING WATER LEVEL: 1Φ.98' FINAL WATER LEVEL: 11.46'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228, peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ926 PURGE END TIME: 1115 TOTAL VOLUME PURGED: 34,5ΦΦ mL

SAMPLE START TIME: 1115 SAMPLE END TIME: 1125

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ926	3ΦΦ	18ΦΦ*	6.4Φ	1.36	Φ.2	4.77	17.56	295	11.25
Φ929		27ΦΦ	6.72	1.33	Φ	2.47	17.55	275	11.28
Φ932		36ΦΦ	6.92	1.33	Φ	1.65	17.61	269	11.32
Φ935		45ΦΦ	7.Φ1	1.32	Φ	1.32	17.61	267	11.35
Φ938		54ΦΦ	7.11	1.33	Φ	1.13	17.65	262	11.38
Φ941		63ΦΦ	7.18	1.33	1.Φ	1.Φ9	17.7Φ	259	11.39
Φ944		72ΦΦ	7.21	1.33	1.1	Φ.97	17.72	258	11.4Φ
Φ959		11,7ΦΦ	7.29	1.3Φ	1.6	Φ.76	17.8Φ	248	11.43
1Φ14		16,3ΦΦ	7.25	1.29	1.4	Φ.69	17.89	241	11.46
1Φ29		2Φ,7ΦΦ	7.24	1.31	1.3	Φ.69	17.83	236	11.46
1Φ44		25,2ΦΦ	7.36	1.3Φ	1.9	Φ.69	17.8Φ	229	11.46
1Φ59		29,7ΦΦ	7.38	1.3Φ	1.7	Φ.7Φ	17.75	224	11.46
1115		34,5ΦΦ	7.39	1.29	1.8	Φ.7Φ	17.9Φ	221	11.46

JK 1Φ-21-24

Recorded By: Lon G. Hoover 1Φ/21/24 QA: 1Φ/23/24

DATE: 1Φ/16/24

FIELD CREW: Javed King & Bradley Kohlfeld

JK / 1Φ-16-24

WEATHER: Sunny, 45°F

JK / 1Φ-16-24

DAILY TASK ACTIVITY: Φ745 - Check out Horiba, load vehicle for GW sampling.

ΦΦΦ - Depart for HISS-195 to sample for rad and metals.

ΦΦ2Φ - Arive at HISS-195 and prepare to sample.

1 well volume (HISS 195) = (29.6 - 14.61) = 14.99 x Φ.65 = 9.75 gallons x 3785 mL/gal = 36,9Φ3 mLs

ΦΦ45 - Begin pumping HISS195 @ 3ΦΦ mL/min

ΦΦ53 - Begin purging HISS 195.

1Φ48 - Begin sampling HISS 195.

1Φ56 - Conclude sampling HISS 195. Rack up equipment and return to SLAPS.

1215 - Depart SLAPS for CWCMBB-A for SW monitoring.

123Φ - Arive at CWCMBB-A. Monitor & collect Rad & metals samples directly from the creek.

1250 - Depart for HISS-11A to sample gw for rad & metals

132Φ - Arive at HISS-11A and prepare to sample.

1 well volume (HISS-11A) = 23.5 - 13.47 = 1Φ.Φ3 x .16 = 1.6 gallons x 3785 mL/gal = 6,Φ74 mLs
JK 1Φ-16-24

1323 - Begin pumping HISS-11A @ 15Φ mLs/min

1329 ~~1334~~ - Begin purging HISS-11A. 1404 - Begin sampling HISS-11A. 1419 - Concluded sampling at HISS 11A. Packed up and returned to SLAPS.

JK Φ-16-24

Recorded By: 1Φ-16-24 QA: 1Φ/21/24

DATE: 10/21/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

ZH 10.21.24

WEATHER: Mostly Sunny, 59°F

ZH 10.21.24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for ground water monitoring.

0910 - Arrive at HISS-01. Prepare to sample for Rad.& metals.

1 well volume = 25' - 10.98' = 14.02' x 0.65 = 9.1 g x 3785 = 34,443 mL.

0920 - Begin pumping of HISS-01 at 300 mL/min.

0926 - Begin purging of HISS-01.

1125 - Complete sampling of HISS-01 and move to next location.

1155 - Arrive at HISS-10 and prepare to sample for Rad.& metals.

well volume = 25.7' - 8.75' = 16.95' x 0.16 = 2.7' x 3785 = 10,219 mL

1207 - Begin pumping HISS-10 at 225 mL/min.

1212 - Begin purging of HISS-10.

1253 - Begin sampling of HISS-10.

1315 - Complete sampling of HISS-10 and return to SLAPS to secure samples and off-load equipment.

ZH 10.21.24

Recorded By: Lon S. Hoover 10/21/24 QA: 10/23/24

LE10232024-01ML
COCID: LE10232024-02TA

DATE: 10/21/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 80°F

WELL ID: HISS-10 SAMPLE ID: HIS278681

TOTAL DEPTH: 25.7'. WELL DIAMETER: 2"

SCREEN INTERVAL: 18.7' - 23.4' MIDDLE OF SCREEN: 21.1'

STARTING WATER LEVEL: 8.75' FINAL WATER LEVEL: 9.40'

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW10319Q, WLI = GLW10322B, peristaltic pump = D10045321

PURGE START TIME: 1212 PURGE END TIME: 1253 TOTAL VOLUME PURGED: 10,350 mL

SAMPLE START TIME: 1253 SAMPLE END TIME: 1315

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1212	225	1125*	7.57	1.05	0	8.64	18.62	168	9.28
1215		1800	7.57	1.03	0	2.18	18.20	157	9.34
1218		2475	7.67	1.01	0	1.98	18.14	150	9.39
1221		3150	7.69	1.01	0	0.80	18.11	148	9.40
1224		3825	7.69	1.01	0	0.63	18.09	146	9.40
1227		4500	7.69	1.01	0	0.54	18.08	144	9.40
1230		5175	7.70	1.01	0	0.43	18.08	137	9.40
1233		5850	7.71	1.01	0	0.38	18.07	137	9.40
1236		6525	7.72	1.01	0	0.36	18.10	135	9.40
1246		8775	7.73	1.02	0	0.27	18.11	128	9.40
1253		10350	7.73	1.02	0	0.24	18.10	125	9.40

ZH 10.21.24

Recorded By: Lon S. Hoover 10/21/24 QA: 10/23/24

COCID: LE1Φ232Φ24-Φ3ML
LE1Φ232Φ24-Φ4TA

DATE: 1Φ/22/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Partly Cloudy, 63°F

WELL ID: PW 46 SAMPLE ID: SLA278689

TOTAL DEPTH: 23' WELL DIAMETER: 2"

SCREEN INTERVAL: 17.5' - 22.5' MIDDLE OF SCREEN: 2Φ'

STARTING WATER LEVEL: 14.26' FINAL WATER LEVEL: 15.3Φ

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228,
peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ925 PURGE END TIME: Φ949 TOTAL VOLUME PURGED: 5,4ΦΦ mL

SAMPLE START TIME: Φ949 SAMPLE END TIME: 1Φ01

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm) (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ925	15Φ	9ΦΦ*	6.52	2.47	Φ	5.8Φ	17.66	264	14.56
Φ928		135Φ	6.75	2.47	Φ	1.93	17.51	244	14.67
Φ931		18ΦΦ	6.85	2.47	Φ	1.36	17.5Φ	234	14.75
Φ934		225Φ	6.89	2.46	Φ	1.11	17.52	229	14.81
Φ937		27ΦΦ	6.93	2.41	Φ	Φ.96	17.56	223	14.88
Φ94Φ		315Φ	6.95	2.38	Φ	Φ.88	17.54	219	14.93
Φ943		45ΦΦ	6.96	2.37	Φ	Φ.81	17.54	216	14.99
Φ946		495Φ	6.97	2.37	Φ	Φ.77	17.56	213	15.Φ4
Φ949	↓	54ΦΦ	6.98	2.37	Φ	Φ.76	17.58	21Φ	15.1Φ

1Φ.22.24

RH

Recorded By: Lou S. Hoover 1Φ/22/24 QA: 1Φ/23/24

COCID: LE1Φ232Φ24-Φ3ML
LE1Φ232Φ24-Φ4TA

DATE: 1Φ/22/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, 61°F

WELL ID: PW-45 SAMPLE ID: SLA278688

TOTAL DEPTH: 22.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 12.3' - 22.3' MIDDLE OF SCREEN: 17.3'

STARTING WATER LEVEL: 8.54' FINAL WATER LEVEL:

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228,
peristaltic pump = D1ΦΦ45321

PURGE START TIME: 1Φ22 PURGE END TIME: 1Φ58 TOTAL VOLUME PURGED: 8,4ΦΦ mL

SAMPLE START TIME: 1Φ58 SAMPLE END TIME: 111Φ

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1Φ22	2ΦΦ	12ΦΦ*	7.32	1.Φ1	12.8	4.24	17.62	193	8.61
1Φ25		18ΦΦ	7.3Φ	Φ.984	13.9	1.58	17.67	191	8.62
1Φ28		24ΦΦ	7.45	Φ.938	13.4	Φ.98	17.69	184	8.62
1Φ31		3ΦΦΦ	7.55	Φ.872	1Φ.4	Φ.78	17.63	179	8.62
1Φ34		36ΦΦ	7.62	Φ.826	7.5	Φ.66	17.68	176	8.63
1Φ37		42ΦΦ	7.61	Φ.811	7.8	Φ.58	17.69	175	8.63
1Φ4Φ		48ΦΦ	7.64	Φ.8Φ5	8.1	Φ.54	17.92	172	8.63
1Φ43		54ΦΦ	7.68	Φ.8Φ4	7.9	Φ.53	18.ΦΦ	168	8.63
1Φ46		6ΦΦΦ	7.7Φ	Φ.8Φ7	8.Φ	Φ.51	18.Φ1	166	8.63
1Φ49		66ΦΦ	7.71	Φ.8ΦΦ	7.8	Φ.5Φ	18.Φ3	163	8.63
1Φ52		72ΦΦ	7.69	Φ.81Φ	8.Φ	Φ.47	18.Φ5	161	8.63
1Φ55		78ΦΦ	7.7Φ	Φ.8Φ6	7.8	Φ.46	18.Φ9	159	8.63
1Φ58	↓	84ΦΦ	7.71	Φ.8Φ7	7.2	Φ.44	18.Φ9	156	8.63

RH 1Φ.22.24

Recorded By: Lou S. Hoover 1Φ/22/24 QA: 1Φ/23/24

DATE: 10/22/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

TH | 10-22-24

WEATHER: Partly Cloudy, 63°F

TH | 10-22-24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for ground water sampling.

0910 - Arrive at PW-46 and prepare to sample for Rad. & metals.

well volume = 23' - 14.26' = 8.74 x 0.16 = 1.4 g x 3785 = 5293 mL

0919 - Begin pumping of ~~PW-46~~ PW-46 at 150 mL/min.

0925 - Begin purging of PW-46.

0947 - Begin sampling of PW-46.

1001 - Complete sampling of PW-46. Move to next location.

1008 - Arrive at PW-45 and prepare to sample for Rad. & metals.

well volume = 22.3' - 8.54' = 13.76 x 0.16 = 2.2 g x 3785 = 8,327 mL

1016 - Begin pumping of PW-45 at 200 mL/min.

1022 - Begin purging of PW-45.

1058 - Begin sampling of PW-45.

1110 - Complete sampling of PW-45 and return to SLAPS to secure samples and off-load equipment.

Recorded By: Jon S. Hoover 10/22/24 QA: 10/23/24

DATE: 10/23/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

TH | 10-23-24

WEATHER: Partly Cloudy, 650F

TH | 10-23-24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for ground water sampling.

0915 - Arrive at PW-44 and prepare to sample for Rad. & metals.

well volume = 29.1' - 6.56' = 13.54' x 0.16 = 2.2 g. x 3785 = 8299 mL

0922 - Begin pumping of PW-44 at 175 mL/min.

0929 - Begin purging of PW-44.

1008 - Begin sampling of PW-44.

1030 - Complete sampling of PW-44 and move to CWC MSB1 for surface water sampling.

TH 10-23-24

Recorded By: Jon S. Hoover 10/23/24 QA: 11/4/24

COCID: LE1Φ242Φ24-ΦIML
LE1Φ242Φ24-Φ2TA

DATE: 1Φ/23/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Partly Cloudy, 65°F

WELL ID: PW.44 SAMPLE ID: SLA278687

TOTAL DEPTH: 2Φ.1' WELL DIAMETER: 2"

SCREEN INTERVAL: 1Φ.1' - 2Φ.' MIDDLE OF SCREEN: 15.1'

STARTING WATER LEVEL: 6.56 FINAL WATER LEVEL: 8.Φ5'

EVACUATION METHOD: Micro purge with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW 1Φ3199, WLI = GLW 1Φ3228,
peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ929 PURGE END TIME: 1ΦΦ8 TOTAL VOLUME PURGED: 8,230 mL

SAMPLE START TIME: 1ΦΦ8 SAMPLE END TIME: 1Φ2Φ

*mL removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(mS/cm)~~ mS/cm #10.23.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ929	175	1225*	6.49	Φ.825	Φ	2.99	17.4Φ	286	7.Φ4
Φ932		178Φ	6.76	Φ.83Φ	Φ	1.45	17.26	265	7.Φ4
Φ935		23Φ5	6.87	Φ.829	Φ	1.18	17.39	26Φ	7.Φ5
Φ938		283Φ	6.97	Φ.827	Φ	Φ.99	17.43	257	7.Φ6
Φ941		3355	7.Φ3	Φ.826	Φ	Φ.88	17.42	254	7.Φ9
Φ944		388Φ	7.Φ9	Φ.826	Φ	Φ.8Φ	17.47	252	7.11
Φ947		44Φ5	7.13	Φ.826	Φ	Φ.74	17.48	249	7.13
Φ95Φ		493Φ	7.16	Φ.826	Φ	Φ.6B	17.52	247	7.18
Φ955		58Φ5	7.19	Φ.828	Φ	Φ.64	17.56	244	7.22
Φ959	1ΦΦ# 10.23.24	668Φ	7.2Φ	Φ.829	Φ	Φ.61	17.6Φ	24Φ	7.31
1ΦΦ4		7555	7.2Φ	Φ.83Φ	Φ	Φ.58	17.61	236	7.4
1ΦΦ8	↓	823Φ	7.21	Φ.831	Φ	Φ.56	17.6Φ	234	7.55
				2 hr	1Φ:03:24				

Recorded By: Lon E. Hoover 1Φ/24/24 QA: 11/4/24
23 MK 10.23.24

COCID: LE1Φ242Φ24-ΦGML
LE1Φ242Φ24-Φ7TA

DATE: 1Φ/24/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly sunny, 53°F

WELL ID: PW.42 SAMPLE ID: SVP278 7Φ4

TOTAL DEPTH: 85.1' WELL DIAMETER: 2"

SCREEN INTERVAL: 83'-85' MIDDLE OF SCREEN: 81.5'

STARTING WATER LEVEL: 1Φ.39' FINAL WATER LEVEL: 21.5Φ'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW 1Φ3199, WLI = GLW1Φ3228,
peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ928 PURGE END TIME: 1151 TOTAL VOLUME PURGED: 45,3ΦΦ mL

SAMPLE START TIME: 1151 SAMPLE END TIME: 1215

*mL removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(uS/cm)~~ mS/cm #10.24.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
~~Φ928~~ Φ930	3ΦΦ	24ΦΦ*	6.66	1.Φ2	3.2	2.2Φ	16.59	273	11.62
Φ931		33ΦΦ	6.94	1.Φ2	5.1	1.39	16.57	253	11.91
Φ934		42ΦΦ	7.23	1.Φ2	3.9	1.Φ4	16.49	227	12.11
Φ937		51ΦΦ	7.43	1.Φ1	Φ.8	Φ.86	16.39	2Φ1	12.35
Φ94Φ		6ΦΦΦ	7.52	1.Φ2	1.4	Φ.74	16.38	178	12.63
Φ943		69ΦΦ	7.56	1.Φ1	1.3	Φ.56	16.51	16Φ	12.93
Φ946		78ΦΦ	7.64	1.Φ1	6.3	Φ.51	16.58	139	13.24
Φ949		87ΦΦ	7.65	1.Φ1	3.9	Φ.46	16.56	123	13.55
1ΦΦ9		147ΦΦ	7.78	1.Φ1	2.6	Φ.36	16.47	48	15.19
1Φ29		2Φ7ΦΦ	7.83	1.Φ1	3.3	Φ.28	16.64	8	16.6Φ
1Φ49		267ΦΦ	7.86	1.Φ1	2.8	Φ.23	16.76	-39	17.76
11Φ9		327ΦΦ	7.87	1.ΦΦ	3.Φ	Φ.2Φ	16.59	-73	18.78
1129		387ΦΦ	7.82	1.ΦΦ	2.6	Φ.16	16.71	-92	19.64
1151	↓	453ΦΦ	7.84	1.ΦΦ	2.3	Φ.17	16.87	-112	2Φ.58

Recorded By: Lon E. Hoover 1Φ/24/24 QA: 11/4/24

LE1Φ3Φ2Φ24-Φ1ML
COCID: LE1Φ3Φ2Φ24-Φ2TA
LE1Φ3Φ2Φ24-Φ3TD

DATE: 1Φ/28/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 49°F

WELL ID: MW31-98 SAMPLE ID: SVP2787ΦΦ(-1 & -2)

TOTAL DEPTH: 34' WELL DIAMETER: 2"

SCREEN INTERVAL: 18.4'-33.4' MIDDLE OF SCREEN: 25.9'

STARTING WATER LEVEL: 12.Φ1' FINAL WATER LEVEL: 13.Φ8'

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW 1Φ3199, WLI = GLW 1Φ3288, peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ852 PURGE END TIME: Φ94Φ TOTAL VOLUME PURGED: 13,25Φ mL

SAMPLE START TIME: Φ94Φ SAMPLE END TIME: 1Φ27

*mL removed before purging began **FIELD PARAMETERS**

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (~~µS/cm~~ mS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ852	25Φ	125Φ*	6.49	2.28	Φ	7.81	15.22	293	12.6Φ
Φ855		2ΦΦΦ	6.66	2.29	Φ	2.72	15.2Φ	284	12.66
Φ858		2750	6.8Φ	2.28	Φ	1.73	15.23	278	12.71
Φ9Φ1		35ΦΦ	6.92	2.27	Φ	1.33	15.23	274	12.75
Φ9Φ4		425Φ	7.Φ1	2.27	Φ	1.Φ9	15.24	27Φ	12.8Φ
Φ9Φ7		5ΦΦΦ	7.ΦB	2.26	Φ	Φ.94	15.24	26B	12.84
Φ91Φ		575Φ	7.14	2.25	Φ	Φ.84	15.18	266	12.84
Φ92Φ		825Φ	7.2Φ	2.Φ9	Φ	Φ.67	15.22	263	12.92
Φ93Φ		1Φ75Φ	7.15	1.94	Φ	Φ.6Φ	15.24	265	12.96
Φ94Φ		1325Φ	7.Φ9	1.95	Φ	Φ.56	15.23	264	13.ΦΦ

1Φ·28·24
ZK

Recorded By: Lon E. Hoover 1Φ/28/24 QA: 11/4/24

DATE: 1Φ/24/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

ZK 1Φ·24·24

WEATHER: Mostly Sunny, 53°F

ZK 1Φ·24·24

DAILY TASK ACTIVITY: Φ83Φ - Meet at SVAPS to calibrate Horiba and load equipment for groundwater sampling.

Φ91Φ - Arrive at PW-42 and prepare to sample for Lead & metals.

1 well volume = 85.1' - 1Φ.39' = 74.71 x Φ.16 = 11.95 x 3785 = 45,23Φ mL

Φ92Φ - Begin pumping of PW-42 at 3ΦΦ mL/min.

Φ928 - Begin purging of PW-42.

1151 - Begin sampling of PW-42.

1215 - Complete sampling of PW-42 and return to SVAPS to secure samples and off-load equipment.

1Φ·24·24
ZK

Recorded By: Lon E. Hoover 1Φ/24/24 QA: 11/4/24

DATE: 10/28/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH | 10.28.24

WEATHER: Mostly Sunny, 49°F

ZH | 10.28.24

DAILY TASK ACTIVITY: 0830 - Meet at SIAPS to calibrate Horiba and load equipment for groundwater sampling.

0840 - Arrive at MW31-98 and prepare to sample for Rad.'s metals.

well volume = 34' - 12.01' = 21.99' x 0.16 = 3.5g. x 3785 = 13247 mL

0847 - Begin pumping of MW31-98 at 250 mL/min.

0852 - Begin purging of MW31-98.

0940 - Begin sampling of MW31-98.

1027 - Complete sampling of MW31-98 and move to next location.

1030 - Arrive at MW32-98 and prepare to sample for Rad.'s metals.

well volume = 20.3' - 15.98' = 4.35' x 0.16 = 0.70g x 3785 = 2663 mL

1037 - Begin pumping of MW32-98 at 150 mL/min.

1044 - Begin purging of MW32-98.

1056 - Begin sampling of MW32-98.

1115 - Complete sampling of MW32-98 and return to

ZH 10.28.24

Recorded By: Lou Hoover 10/28/24 QA: [signature] 11/4/24

COCID: LE10302024-01ML
LE10302024-02TA

DATE: 10/28/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 52°F

WELL ID: MW32-98 SAMPLE ID: SVP2787001

TOTAL DEPTH: 20.3' WELL DIAMETER: 2"

SCREEN INTERVAL: 9.7' - 19.7' MIDDLE OF SCREEN: 14.7'

STARTING WATER LEVEL: 15.98 FINAL WATER LEVEL: 16.22'

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW103199, WLI = GLW103228, peristaltic pump = 01004532 1

PURGE START TIME: 1044 PURGE END TIME: 1056 TOTAL VOLUME PURGED: 2,850 mL

SAMPLE START TIME: 1056 SAMPLE END TIME: 1115

5mL removed before purging began FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm) (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1044	150	1050*	7.16	0.751	37.8	9.89	17.49	257	16.17
1047	↓	1500	7.01	0.754	48.2	4.42	17.66	257	16.18
1050		1950	7.00	0.754	46.3	3.63	17.70	255	16.20
1053		2400	7.01	0.753	39.3	3.37	17.72	253	16.21
1056		2850	7.02	0.753	36.2	3.27	17.78	252	16.22

ZH 10.28.24

Recorded By: Lou Hoover 10/28/24 QA: [signature] 11/4/24

COCID: LE1Φ3Φ2Φ24-Φ4ML
LE1Φ3Φ2Φ24-Φ5TA

DATE: 1Φ/29/24

FIELD CREW: Lon Hoover, Brad Kohlfeld, and Pam Goyan(observing) Witness: none

WEATHER: Partly sunny, windy, ± 73°F

WELL ID: PW-43 SAMPLE ID: SVP278705

TOTAL DEPTH: 25.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 15'-25' MIDDLE OF SCREEN: 2Φ'

STARTING WATER LEVEL: 11.67' FINAL WATER LEVEL: 13.49'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228,
peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ9Φ6 PURGE END TIME: Φ954 TOTAL VOLUME PURGED: 8,55Φ mL

SAMPLE START TIME: Φ954 SAMPLE END TIME: 1Φ1Φ

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ9Φ6	15Φ	135Φ*	6.79	1.Φ4	3.3	2.92	18.39	295	12.Φ9
Φ9Φ9		18ΦΦ	6.91	1.Φ4	2.1	2.Φ5	18.43	291	12.13
Φ912		225Φ	7.Φ1	1.Φ3	2.Φ	1.78	18.47	286	12.22
Φ915		27ΦΦ	7.Φ3	1.Φ3	2.2	1.67	18.48	285	12.27
Φ918		315Φ	7.Φ7	1.Φ2	1.5	1.56	18.65	281	12.34
Φ921		36ΦΦ	7.13	1.Φ2	1.7	1.51	18.6Φ	284	12.41
Φ924		405Φ	7.14	1.Φ2	1.5	1.45	18.73	28Φ	12.48
Φ934		555Φ	7.1Φ	1.Φ2	1.3	1.34	18.87	28Φ	12.69
Φ944		7Φ5Φ	7.13	1.Φ1	2.Φ	1.22	18.97	273	12.92
Φ954		855Φ	7.1Φ	1.Φ1	Φ	1.13	19.Φ1	269	13.19

1Φ.29.24

Recorded By: Lon Hoover 1Φ/29/24 QA: 11/4/24

COCID: LE1Φ3Φ2Φ24-Φ4ML
LE1Φ3Φ2Φ24-Φ5TA

DATE: 1Φ/29/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly sunny, windy, ± 82°F

WELL ID: B53W095 SAMPLE ID: SVP278698

TOTAL DEPTH: 36' WELL DIAMETER: 2"

SCREEN INTERVAL: 3Φ'-35' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 17.ΦΒ FINAL WATER LEVEL: 19.97'

EVACUATION METHOD: Micro purging with bladder pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228,
bladder pump controller = GLW1Φ5249

PURGE START TIME: 1119 PURGE END TIME: 1155 TOTAL VOLUME PURGED: 11,475 mL

SAMPLE START TIME: 1155 SAMPLE END TIME: 1212

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
1119	225	3375*	6.98	1.21	Φ	4.17	19.56	262	17.81
1122		4Φ5Φ	7.26	1.23	Φ	2.23	18.82	247	17.82
1125		4725	7.21	1.23	Φ	2.ΦΦ	18.75	245	17.84
1128		54ΦΦ	7.24	1.23	Φ	2.Φ6	18.71	247	17.84
1131		6Φ75	7.31	1.26	Φ	1.99	18.56	243	17.84
1141	8325 mL/18 min	83ΦΦ	7.3Φ	1.27	Φ	1.92	18.68	24Φ	17.82
1157		1Φ575	7.25	1.27	Φ	1.41	18.67	239	17.81
1155		11475	7.23	1.27	Φ	1.41	18.71	239	17.8Φ

1Φ.29.24

Recorded By: Lon Hoover 1Φ/29/24 QA: 11/4/24

DATE: 10/29/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

Note: Dave Guyan is at this location for an QA observation.

JH 10.29.24

WEATHER: Partly Sunny, Windy, & 73°F

ZH 10.29.24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for ground water monitoring.

0845 - Arrive at PW-43 and prepare to sample For Rad. & metals. 1 well volume = 25.5' - 11.67' = 13.83' x 0.16 = 2.2 g x 3785 = 8,327 mL

0857 - Begin pumping of PW-43 at 150 mL/min.

0906 - Begin purging of PW-43.

0954 - Begin sampling of PW-43.

1010 - Complete sampling of PW-43. Move to next location.

1050 - Arrive at B53W095 and prepare to sample for Rad. & metals.

1 well volume = 36' - 17.08' = 18.92' x 0.16 = 3.0 g x 3785 = 11,355

1104 - Begin pumping of B53W095 at 225 mL/min.

1119 - Begin purging of B53W095.

1155 - Begin sampling of B53W095.

1212 - Complete sampling of B53W095 and return to SLAPS to secure samples and off-load equipment.

Recorded By: Lon S. Hoover 10/29/24 QA: 11/4/24

DATE: 10/30/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

JH 10.30.24

WEATHER: Mostly Sunny, 71°F

ZH 10.30.24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for ground water sampling.

0915 - Arrive at B53W070 to sample for Rad. & metals.

1 well volume = 89' - 9.93' = 79.07' x 0.16 = 12.6 g x 3785 = 47,691 mL.

0923 - Begin pumping of B53W070 at 300 mL/min.

0931 - Begin purging of B53W070.

1202 - Begin sampling of B53W070.

1220 - Complete sampling of B53W070 and return to SLAPS to secure samples and off-load equipment.

JH 10.30.24

Recorded By: Lon S. Hoover 10/30/24 QA: 11/11/24

COCID: LE 1Φ3Φ2Φ24 - ΦΦML
LE 1Φ3Φ2Φ24 - Φ9TA

DATE: 1Φ/3Φ/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly sunny, 71°F

WELL ID: B53WΦ7D SAMPLE ID: SVP27B696

TOTAL DEPTH: 89' WELL DIAMETER: 2"

SCREEN INTERVAL: 77.5'-88.5' MIDDLE OF SCREEN: 82.5'

STARTING WATER LEVEL: 9.93' FINAL WATER LEVEL: 9.98'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW 1Φ3199, WLI = GLW 1Φ3228,
peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ931 PURGE END TIME: 12Φ2 TOTAL VOLUME PURGED: 47,7ΦΦ mL

SAMPLE START TIME: 12Φ2 SAMPLE END TIME: 122Φ

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (~~µS/cm~~ mS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ931	3ΦΦ	24ΦΦ*	6.43	1.ΦB	18.Φ	2.95	17.27	243	9.98
Φ934		33ΦΦ	6.84	1.ΦB	19.1	1.66	17.17	11Φ	9.98
Φ937		42ΦΦ	7.Φ5	1.ΦB	14.2	1.11	17.15	49	9.98
Φ94Φ		51ΦΦ	7.21	1.ΦB	13.4	Φ.83	17.11	23	9.98
Φ943		6ΦΦΦ	7.22	1.ΦB	8.7	Φ.7Φ	17.15	12	9.98
Φ946		69ΦΦ	7.24	1.ΦB	1Φ.1	Φ.63	17.12	5	9.98
Φ949		78ΦΦ	7.27	1.ΦB	7.6	Φ.57	17.Φ4	Φ	9.98
1ΦΦ9		138ΦΦ	7.28	1.Φ7	Φ.8	Φ.39	17.21	-19	9.98
1Φ29		198ΦΦ	7.39	1.Φ6	Φ	Φ.32	17.17	-36	9.98
1Φ49		258ΦΦ	7.38	1.Φ5	Φ	Φ.41	17.49	-64	9.98
1109		318ΦΦ	7.42	1.Φ4	Φ	Φ.44	17.49	-89	9.98
1129		378ΦΦ	7.43	1.Φ5	Φ	Φ.36	17.64	-105	9.98
1149		438ΦΦ	7.43	1.Φ5	Φ	Φ.35	17.42	-115	9.98
12Φ2		477ΦΦ	7.44	1.Φ5	Φ	Φ.33	17.44	-121	9.98

Recorded By: 1Φ/3Φ/24 QA: 11/11/24

COCID: LE 11Φ72Φ24 - Φ1ML
LE 11Φ72Φ24 - Φ27A

DATE: 11/6/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, 52°F

WELL ID: PW-35 SAMPLE ID: SVP27B7Φ2

TOTAL DEPTH: 115' WELL DIAMETER: 2"

SCREEN INTERVAL: 1ΦΦ'- 114.9' MIDDLE OF SCREEN: 1Φ7.5'

STARTING WATER LEVEL: 12.41' FINAL WATER LEVEL: 14.5Φ'

EVACUATION METHOD: Micro purging with peristaltic pump.

EQUIPMENT SERIAL #'S: Horiba = GLW 1Φ3199, WLI = GLW 1Φ322B,
peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ939 PURGE END TIME: 1253 TOTAL VOLUME PURGED: 62,4ΦΦ mL

SAMPLE START TIME: 1253 SAMPLE END TIME: 1315

Tubing removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (~~µS/cm~~ mS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ939	3ΦΦ	39ΦΦ	6.9Φ	Φ.841	4.Φ	9.84	17.35	32Φ	12.75
Φ942		48ΦΦ	7.27	Φ.848	3.5	9.15	17.2Φ	3Φ5	12.85
Φ945		57ΦΦ	7.66	Φ.858	7.5	8.72	17.ΦΦ	284	12.93
Φ948		66ΦΦ	7.85	Φ.877	32.Φ	8.52	16.9Φ	274	13.Φ2
Φ951		75ΦΦ	7.95	Φ.885	31.4	8.19	16.86	263	13.Φ3
1Φ11		135ΦΦ	7.81	1.Φ3	141	1.15	16.41 ~~17.ΦΦ~~	2Φ9	13.35
1Φ31		195ΦΦ	7.79	Φ.884	49.1	Φ.87	16.31	15Φ	13.89
1Φ51		255ΦΦ	7.77	Φ.861	29.5	Φ.82	16.62	1Φ3	14.27
1111		315ΦΦ	7.76	Φ.838	3Φ.1	Φ.83	16.99	71	14.48
1131		375ΦΦ	7.74	Φ.84Φ	25.3	Φ.84	16.92	32	14.48
1151		435ΦΦ	7.73	Φ.854	13.5	Φ.77	16.82	16	14.49
1211		495ΦΦ	7.72	Φ.854	11.4	Φ.77	16.86	-4	14.49
1231		555ΦΦ	7.73	Φ.846	1Φ.3	Φ.77	16.98	-17	14.5Φ
1253		624ΦΦ	7.73	Φ.846	8.3	Φ.76	16.88	-27	14.5Φ

Recorded By: 11/6/24 QA: 11/11/24

LOCID: LE 11072024-27ML
LE 11072024-28TA

DATE: 11/7/24

FIELD CREW: Lou Hoover ; Brad Kohlfeld Witness: none

WEATHER: Mostly Cloudy, 52°F

WELL ID: PW-36 SAMPLE ID: SVP2787Φ3

TOTAL DEPTH: 88' WELL DIAMETER: 2"

SCREEN INTERVAL: 83'-87.9' MIDDLE OF SCREEN: 85.5'

STARTING WATER LEVEL: 8.93' FINAL WATER LEVEL: 9.Φ8'

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228
peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ927 PURGE END TIME: 1155 TOTAL VOLUME PURGED: 48ΦΦΦ

SAMPLE START TIME: 1155 SAMPLE END TIME: 1205

4mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (mS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ927	3ΦΦ	36ΦΦ	6.57	Φ.199	296	15.Φ7	16.43	315	9.Φ5
Φ93Φ		45ΦΦ	6.66	Φ.141	217	6.17	16.17	299	9.Φ5
Φ933		54ΦΦ	6.81	Φ.114	135	4.ΦΦ	16.13	286	9.Φ5
Φ936		63ΦΦ	6.82	Φ.115	72.1	2.91	16.11	28Φ	9.Φ5
Φ939		72ΦΦ	6.98	Φ.123	38.8	1.82	16.Φ3	265	9.Φ5
Φ942		81ΦΦ	6.98	Φ.124	38.Φ	1.7Φ	16.Φ1	264	9.Φ5
1ΦΦ2		141ΦΦ	7.36	Φ.164	29.9	Φ.83	15.78	22Φ	9.Φ6
1Φ22		2Φ1ΦΦ	7.51	Φ.223	22.1	Φ.42	15.79	179	9.Φ6
1Φ42		261ΦΦ	7.64	Φ.31Φ	23.1	Φ.18	15.78	172	9.Φ6
11Φ2		321ΦΦ	7.72	Φ.362	23.9	Φ.Φ7	15.87	87	9.Φ7
1122		381ΦΦ	7.78	Φ.4ΦΦ	22.6	Φ	15.91	51	9.Φ7
1142		441ΦΦ	7.8Φ	Φ.426	223	Φ	15.84	29	9.Φ7
1155		48Φ00	7.84	Φ.448	198	Φ	15.79	16	9.ΦΦ

LH 11.7.24

Recorded By: Lou Hoover 11/7/24 QA: RK 11/11/24

DATE: 11/6/24

FIELD CREW: Lou Hoover ; Brad Kohlfeld Witness: none

LH 11/6/24

WEATHER: Mostly Cloudy, 52°F

LH 11.6.24

DAILY TASK ACTIVITY: Φ83Φ - Meet at SLAPS to calibrate Horiba and load equipment for ground water sampling.
Φ92Φ - Arrive at PW-35 and prepare to sample for Rad. & metals.

well volume = 115' - 12.41' = 1Φ2.59' x Φ.16 = 16.4g x 3785 = 62,ΦΦ7 mL

Φ926 - Begin pumping of PW-35 at 3ΦΦ mL/min.
Φ939 - Begin purging of PW-35.
1253 - Begin sampling of PW-35.
1315 - Complete sampling of PW-35 and return to SLAPS to secure samples and off-load equipment.

LH 11.6.24

*Note: At 1Φ17 a "slug" of sediment was observed in tubing.

Recorded By: Lou Hoover 11/6/24 QA: RK 11/11/24

FEDMS COCID: LE111224ØIML
LE111224ØZTA

DATE: 11/11/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Mostly Sunny, 53°F

WELL ID: B53W17S SAMPLE ID: SVP27B679

TOTAL DEPTH: 35.5' WELL DIAMETER: 4"

SCREEN INTERVAL: 2Ø.3' - 3Ø.3' MIDDLE OF SCREEN: 25.3'

STARTING WATER LEVEL: 8.86' FINAL WATER LEVEL: 9.14'

EVACUATION METHOD: Micro purge with Bladder pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1Ø3197, WLI = GLW1Ø3228, pump controller = GLW1Ø3242

PURGE START TIME: Ø93Ø PURGE END TIME: 125Ø TOTAL VOLUME PURGED: 65,7ØØ mL

SAMPLE START TIME: 125Ø SAMPLE END TIME: 1315

*mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm ## 11.11.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Ø93Ø	3ØØ	57ØØ*	6.39	6.45	Ø	6.28	16.4Ø	343	9.Ø3
Ø933		66ØØ	6.69	6.53	Ø	3.43	16.Ø4	33Ø	9.Ø4
Ø936		75ØØ	6.76	6.54	Ø	2.56	15.93	325	9.Ø6
Ø939		84ØØ	6.8Ø	6.55	Ø	2.21	15.94	323	9.Ø8
Ø942		93ØØ	6.85	6.55	Ø	2.Ø4	15.96	323	9.1Ø
1Ø47		168ØØ	6.94	6.57	Ø.4	1.47	16.11	317	9.12
1Ø52		243ØØ	6.96	6.53	3.1	1.1Ø	16.32	31Ø	9.13
1Ø57		318ØØ	6.97	6.53	2.7	Ø.68	16.36	3Ø4	9.13
1122		393ØØ	6.98	6.52	3.3	Ø.54	16.57	298	9.14
1147		468ØØ	6.97	6.46	1.5	Ø.38	16.68	294	9.14
1212		543ØØ	6.98	6.36	Ø.1	Ø.27	16.83	286	9.14
1237		618ØØ	6.96	6.33	Ø	Ø.18	17.ØØ	281	9.11
125Ø		65,7ØØ	6.95	6.29	Ø	Ø.16	16.99	278	9.14
					1H 11.11.24				

Recorded By: Lon Hoover 11/11/24 QA: 11/2Ø/24

DATE:

FIELD CREW:

WEATHER:

WELL ID: SAMPLE ID:

TOTAL DEPTH: WELL DIAMETER:

SCREEN INTERVAL: MIDDLE OF SCREEN:

STARTING WATER LEVEL: FINAL WATER LEVEL:

EVACUATION METHOD:

EQUIPMENT SERIAL #'S:

PURGE START TIME: PURGE END TIME: TOTAL VOLUME PURGED:

SAMPLE START TIME: SAMPLE END TIME:

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
					1H		11.14.24		

Recorded By: QA:

DATE: _____

FIELD CREW: _____

WEATHER: _____

WELL ID: _____ SAMPLE ID: _____

TOTAL DEPTH: _____ WELL DIAMETER: _____

SCREEN INTERVAL: _____ MIDDLE OF SCREEN: _____

STARTING WATER LEVEL: _____ FINAL WATER LEVEL: _____

EVACUATION METHOD: _____

EQUIPMENT SERIAL #'S: _____

PURGE START TIME: _____ PURGE END TIME: _____ TOTAL VOLUME PURGED: _____

SAMPLE START TIME: _____ SAMPLE END TIME: _____

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)

ZH 11.14.24

Recorded By: _____ QA: _____

DATE: 11/7/24

FIELD CREW: Lon Hamer & Brad Kohlfeld Witness: none

ZH 11.7.24

WEATHER: Mostly Cloudy, 52°F

ZH 11.7.24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for ground water sampling.

0900 - Arrive at PW-36 and prepare to sample for Rad. & metals.

Well volume = 88' - 8.93' = 79.07' x 0.16 = 12.7 g. x 3785 = 47,884

0915 - Begin pumping of PW-36 at 300 mL/min.

0927 - Begin purging of PW-36.

1155 - Begin sampling of PW-36.

1205 - Complete sampling of PW-36 and return to SLAPS to secure samples and off-load equipment.

ZH 11.7.24

Recorded By: L. S. Hamer 11/7/24 QA: 11/11/24

DATE: 11/11/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

ZH 11-11-24

WEATHER: Mostly Sunny, 53°F

ZH 11-11-24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Aquila and load equipment for ground water sampling.

0910 - Arrive at B53W175 and prepare to sample for Rads & metals.

well volume = 35.5' - 8.86' = 26.64' x 0.65 = 17.3 x 3785 = 6548 mL

0911 - Begin pumping of B53W175 at 300 mL/min

0930 - Begin purging of B53W175.

1250 - Begin Sampling of B53W175.

1315 - Complete sampling of B53W175 and return to SLAPS to secure samples and off-load equipment.

11/11/24

ZH

Recorded By: Lon G. Hoover 11/11/24 QA: BZK 11/20/24

DATE:

FIELD CREW:

WEATHER:

WELL ID: SAMPLE ID:

TOTAL DEPTH: WELL DIAMETER:

SCREEN INTERVAL: MIDDLE OF SCREEN:

STARTING WATER LEVEL: FINAL WATER LEVEL:

EVACUATION METHOD:

EQUIPMENT SERIAL #'S:

PURGE START TIME: PURGE END TIME: TOTAL VOLUME PURGED:

SAMPLE START TIME: SAMPLE END TIME:

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
					ZH		11.14.24		

Recorded By: QA:

FEDMS LOCID: LE 111424Φ2ML
LE 111424Φ3TA

DATE: 11/14/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 52°F

WELL ID: B53WΦ15 SAMPLE ID: SVP278694

TOTAL DEPTH: 28.5' WELL DIAMETER: 2"

SCREEN INTERVAL: 22.5' - 27.7' MIDDLE OF SCREEN: 25.1'

STARTING WATER LEVEL: 9.82' FINAL WATER LEVEL: 10.45'

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ3228,
peristaltic pump = D1ΦΦ45321

PURGE START TIME: Φ925 PURGE END TIME: 1ΦΦ4 TOTAL VOLUME PURGED: 1Φ85 mL

SAMPLE START TIME: 1ΦΦ4 SAMPLE END TIME: 1Φ15

* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 11.14.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ925	225	225Φ*	6.58	Φ.907	Φ	5.79	14.52	348	1Φ.08
Φ928		2925	6.89	Φ.911	Φ	3.22	14.3Φ	353	1Φ.31
Φ931		36ΦΦ	6.98	Φ.91Φ	Φ	2.22	14.25	33Φ	1Φ.35
Φ934		4275	7.Φ4	Φ.9Φ9	Φ	1.66	14.15	328	1Φ.37
Φ937		495Φ	7.Φ7	Φ.9Φ9	Φ	1.35	14.17	327	1Φ.38
Φ94Φ		5625	7.1Φ	Φ.9Φ7	Φ	1.18	14.15	326	1Φ.38
Φ943		63ΦΦ	7.12	Φ.9ΦΦ	Φ	1.Φ6	14.11	325	1Φ.39
Φ948		7425	7.14	Φ.9Φ7	Φ	Φ.89	14.Φ6	323	1Φ.4Φ
Φ953		855Φ	7.15	Φ.91Φ	Φ	Φ.77	13.99	323	1Φ.41
Φ958		9675	7.19	Φ.91Φ	Φ	Φ.72	13.91	323	1Φ.42
1ΦΦ4	↓	11Φ25	7.19	Φ.9ΦΦ	Φ	Φ.7Φ	13.89	319	1Φ.43
				11.14.24					
				LK					

Recorded By: Lon S. Hoover 11/14/24 QA: 11/2Φ/24

FEDMS LOCID: LE 111924Φ1ML
LE 111924Φ2TA

DATE: 11/18/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

WEATHER: Overcast, 63°F

WELL ID: B53WΦ1D SAMPLE ID: SVP278693

TOTAL DEPTH: 96' WELL DIAMETER: 2"

SCREEN INTERVAL: 85' - 95' MIDDLE OF SCREEN: 9Φ'

STARTING WATER LEVEL: 9.88' FINAL WATER LEVEL: 1Φ.Φ1'

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = ~~GLW1Φ3199~~ GLW1Φ3228 BK 11.20.24
peristaltic pump = D1ΦΦ45321

PURGE START TIME: 1ΦΦΦ PURGE END TIME: 1224 TOTAL VOLUME PURGED: 52,2ΦΦ mL

SAMPLE START TIME: 1224 SAMPLE END TIME: 124Φ

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS/cm 11.18.24	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
ΦΦΦ	3ΦΦ	3ΦΦΦ	6.52	1.Φ3	1Φ3	7.14	16.71	33Φ	9.94
1Φ3		39ΦΦ	7.13	1.Φ4	83.5	4.54	16.64	32Φ	9.94
1ΦΦ6		48ΦΦ	7.31	1.Φ5	47.3	2.46	16.54	286	9.94
1ΦΦ9		57ΦΦ	7.56	1.Φ5	2Φ.2	1.5Φ	16.4Φ	225	9.94
1Φ12		66ΦΦ	7.57	1.Φ5	19.2	1.41	16.27	211	9.94
1Φ15		75ΦΦ	7.59	1.Φ5	14.1	1.25	16.22	19Φ	9.94
1Φ18		84ΦΦ	7.63	1.Φ5	11.5	1.15	16.28	17Φ	9.94
1Φ21		93ΦΦ	7.63	1.Φ5	23.5	Φ.93	16.23	125	9.94
1Φ24		1Φ2ΦΦ	7.66	1.Φ5	21.9	Φ.91	16.23	119	9.94
1Φ54		192ΦΦ	7.77	1.Φ5	18.3	Φ.6Φ	16.13	14	9.95
1124		282ΦΦ	7.79	1.Φ4	18.9	Φ.45	16.28	-34	9.96
1154	↓	372ΦΦ	7.8Φ	1.Φ4	19.Φ	Φ.31	16.16	-82	9.98
1224		462ΦΦ	7.8Φ	1Φ4	18.6	Φ.23	15.99	-1Φ3	9.99
1242		522ΦΦ	7.83	1.Φ4	17.8	Φ.16	15.98	-115	1Φ.ΦΦ

Recorded By: Lon S. Hoover 11/18/24 QA: 11/2Φ/24

DATE: 11/14/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

ZH 11.14.24

WEATHER: Overcast, 52°F

ZH 11.14.24

DAILY TASK ACTIVITY: 0800 - Meet at SLAPS to calibrate Horiba and load equipment for groundwater sampling.
0900 - Arrive at B53W015 and prepare to sample for Rad & metals.
1 well volume = 28.5' - 9.82' = 18.68' x 0.16 = 2.9 g x 3785 = 10976 mL
0915 - Begin pumping at 225 mL/min. of B53W015.
0925 - Begin purging of B53W015.
1004 - Begin sampling of B53W015.
1015 - Complete sampling of B53W015 and return to SLAPS to secure samples and off-load equipment.

ZH 11.14.24

Recorded By: Lon E. Hoover 11/14/24 QA: [signature] 11/20/24

DATE: 11/18/24

FIELD CREW: Lon Hoover & Brad Kohlfeld Witness: none

ZH 11.18.24

WEATHER: Overcast, 63°F

ZH 11.18.24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for ground water sampling.
0940 - Arrive at B53W010 to sample for Rad & metals.
1 well volume = 96' - 9.88' = 86.1' x 0.16 = 13.7 g x 3785 = 51,854 mL
0950 - Begin pumping at B53W010 at 300 mL/min.
1000 - Begin purging of B53W010.
1224 - Begin sampling of B53W010.
1240 - Complete sampling of B53W010 and return to SLAPS to secure samples and off-load equipment.

11.18.24
ZH

Recorded By: Lon E. Hoover 11/18/24 QA: [signature] 11.20.24

DATE: _____

FIELD CREW: _____

WEATHER: _____

WELL ID: _____ SAMPLE ID: _____

TOTAL DEPTH: _____ WELL DIAMETER: _____

SCREEN INTERVAL: _____ MIDDLE OF SCREEN: _____

STARTING WATER LEVEL: _____ FINAL WATER LEVEL: _____

EVACUATION METHOD: _____

EQUIPMENT SERIAL #'S: _____

PURGE START TIME: _____ PURGE END TIME: _____ TOTAL VOLUME PURGED: _____

SAMPLE START TIME: _____ SAMPLE END TIME: _____

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC

Recorded By: _____ QA: _____

E: 11/19/24

D CREW: Lon Hoover & Brad Kohlfeld witness: none

11-19-24

THER: Mostly Sunny, 64°F

11-19-24

Y TASK ACTIVITY: 0830 - Meet at SVAPS and mobilize to SLDS for well gaugings.

B16W0BS = 32.89'
B16W080 = 41.30'
B16W0S5 = 34.71'
B16W0CD = 38.80'
DW-21 = 10.20'
DW-16 = 37.97'
DW-17 = non-detect*
B16W070 = 41.09'
DW-18 = 42.52'
B16V090 = 36.51'
11.24 ~~B16W0DW19RD~~ = 37.90'
DW19RS = non detect*
B16W125 = 15.36'
DW-15 = 42.35'
DW-14 = non detect*

* - Water level is below top of dedicated pump.

ded By: 11/19/24 QA: 11.20.24

DATE: 11/20/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH | 11.20.24

WEATHER: Sunny, 48°F

ZH | 11.20.24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba and load equipment for ground water sampling.

0910 - Arrive at B53W065 and prepare to sample for fluid & metals.

1 well volume = 36' - 14.95' = 21.05' x 0.16 = 3.4g. x 3785 = 12,747 mL.

0915 - Begin pumping at 250 mL/min. of B53W065.

0925 - Begin purging of B53W065

1006 - Begin sampling of B53W065

1027 - Complete sampling of B53W065 and move to next location.

1036 - Determined not to have the time to complete next location. Returning to SLAPS to secure samples and off-load equipment.

11.20.24

ZH

Recorded By: Lou Hoover 11/20/24 QA: [signature] 11/25/24

FEDMSCOCID: LE112024ML
LE112024TA

DATE: 11/20/24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

WEATHER: Sunny, 48°F

WELL ID: B53W065 SAMPLE ID: SVP278695

TOTAL DEPTH: 36' WELL DIAMETER: 2"

SCREEN INTERVAL: 30'-35' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 14.95' FINAL WATER LEVEL: 17.72'

EVACUATION METHOD: Micro purging with Bladder pump.

EQUIPMENT SERIAL #'S: Horiba = GLW1003199; WLI = GLW1003228, pump controller = GLW1003242

PURGE START TIME: 0925 PURGE END TIME: 1006 TOTAL VOLUME PURGED: 12,750 mL

SAMPLE START TIME: 1006 SAMPLE END TIME: 1027

mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	mS/cm Sp. Cond. (~~µS/cm~~)	NTU Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
0925	250	250*	6.72	1.70	22.8	4.78	15.02	328	15.50
0928		325	6.94	1.67	45.1	3.34	14.84	316	15.62
0931		400	6.94	1.55	45.8	2.30	14.63	317	15.78
0934		475	7.00	1.44	41.9	1.86	14.55	313	15.95
0937		550	7.00	1.35	45.3	1.67	14.43	315	16.08
0940		625	7.04	1.29	40.7	1.54	14.35	313	16.22
0945		750	7.07	1.19	39.2	1.36	14.26	312	16.45
0950		875	7.08	1.16	34.8	1.20	14.19	309	16.64
0955		1000	7.09	1.15	30.9	1.08	13.99	310	16.80
1000		1125	7.10	1.13	29.7	0.93	13.91	309	16.99
1006		1275	7.09	1.11	27.8	0.81	13.89	308	17.20

11.20.24

ZH

Recorded By: Lou Hoover 11.20.24 11/20/24 QA: [signature] 11/25/24

DATE: 11·25·24

FIELD CREW: Lou Hoover & Brad Kohlfeld Witness: none

ZH | 11·25·24

WEATHER: Overcast, 58°F

ZH | 11·25·24

DAILY TASK ACTIVITY: 0830 - Meet at SLAPS to calibrate Horiba, and load equipment for ground water sampling.

0920 - Arrive at B53W075 and prepare to sample for Rad.'s Metals.

well volume = 36' - 14.79' = 21.21' x 0.16 = 3.39 g x 3785 = 12,831 mL.

0930 - Begin pumping of B53W075 at 200 ml/min.

0945 - Begin purging of B53W075.

1035 - Begin sampling of B53W075.

1110 - Complete sampling of B53W075. Will return to SLAPS to secure samples and off-load equipment.

11·25·24
ZH

Recorded By: Jon S. Hamm 11/25/24 QA: [signature] 12/4/24

DATE:

FIELD CREW:

WEATHER:

DAILY TASK ACTIVITY:

11·26·24
ZH

Recorded By: QA:

COCID: LE1Φ142Φ24-Φ3ML
LE1Φ142Φ24-Φ4TA
LE1Φ142Φ24-Φ7TD

DATE: 1Φ/1Φ/24

FIELD CREW: Lon Hoover & Mike Miller Witness: none

WEATHER: Mostly Sunny, 6Φ°F

WELL ID: N/A SAMPLE ID: CWC278641 (CWC278624Φ) (-1 & -2)

TOTAL DEPTH: N/A WELL DIAMETER: N/A

SCREEN INTERVAL: N/A MIDDLE OF SCREEN: N/A

STARTING WATER LEVEL: N/A FINAL WATER LEVEL: N/A

EVACUATION METHOD: N/A

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3285

ZH 1Φ.1Φ.24

PURGE START TIME: N/A PURGE END TIME: N/A TOTAL VOLUME PURGED: N/A

SAMPLE START TIME: 1225 SAMPLE END TIME: 124Φ

CWCΦΦ2

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. ~~(µS/cm)~~ mS (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
122Φ	N/A	N/A	8.76	1.11	Φ.Φ	15.93	2Φ.13	228	N/A

1Φ.1Φ.24 ZH

Recorded By: Lon Hoover 1Φ/1Φ/24 QA: 1Φ/21/24

FEDMS COCID: LE1127241Φ3ML
LE1127241Φ4TA

DATE: 11/25/24

FIELD CREW: Lon Hoover & Brad Rohlfing Witness: none

WEATHER: Overcast, 58°F

WELL ID: B53WΦ75 SAMPLE ID: SW278697

TOTAL DEPTH: 36' WELL DIAMETER: 2"

SCREEN INTERVAL: 3Φ'-35' MIDDLE OF SCREEN: 32.5'

STARTING WATER LEVEL: 14.79' FINAL WATER LEVEL: 14.45'

EVACUATION METHOD: Micro purging with peristaltic pump

EQUIPMENT SERIAL #'S: Horiba = GLW1Φ3199, WLI = GLW1Φ322B,
peristaltic pump = 01ΦΦ45321

PURGE START TIME: ΦΦ945 PURGE END TIME: 1Φ35 TOTAL VOLUME PURGED: 13,ΦΦΦ mL

SAMPLE START TIME: 1Φ35 SAMPLE END TIME: 111Φ

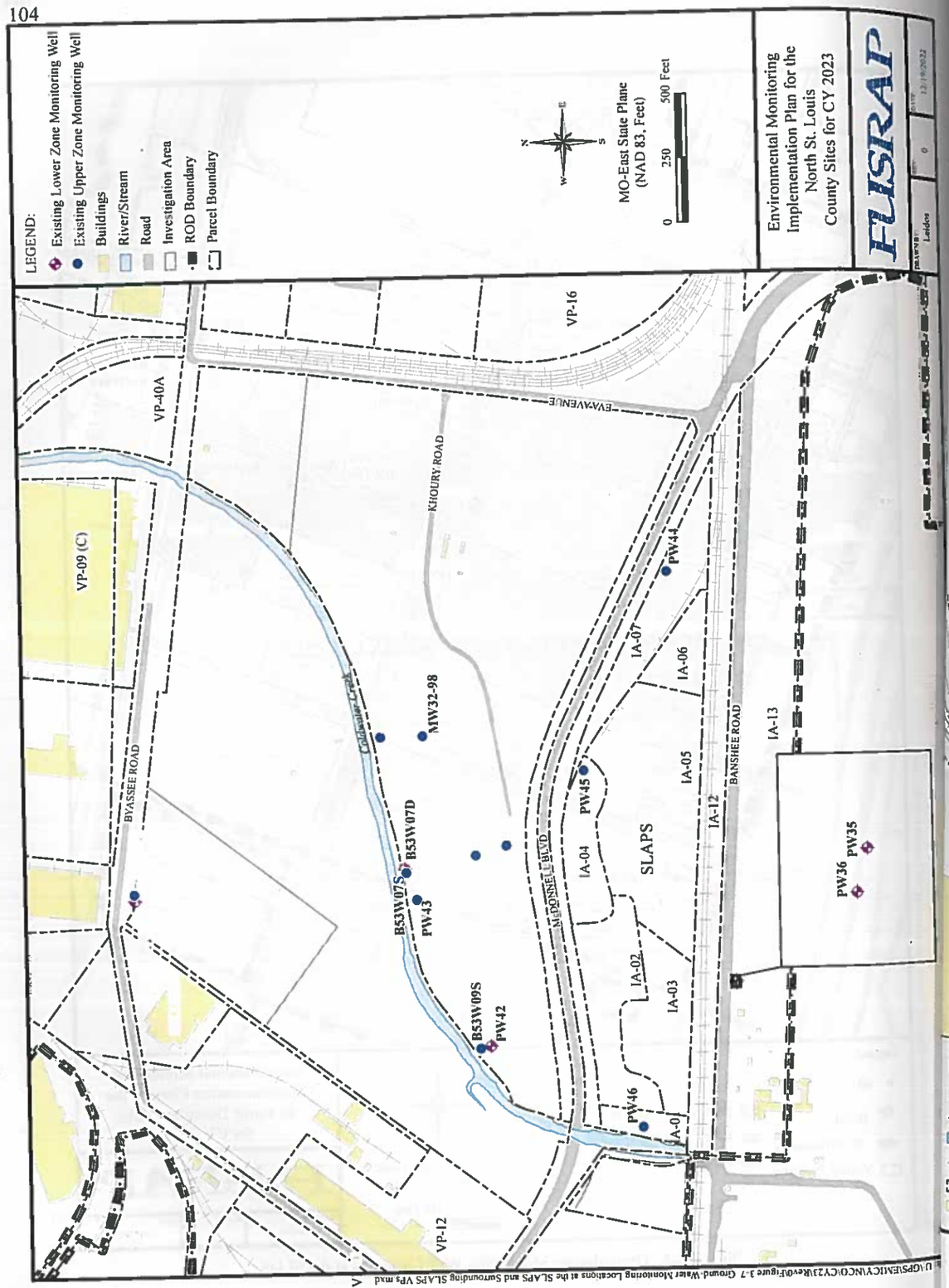
* mL removed before purging began

FIELD PARAMETERS

Time	Purge Rate (mL/min)	mLs Removed	pH (SUs)	Sp. Cond. mS/cm (µS/cm)	Turb. (NTUs)	D.O. (mg/L)	Temp. (°C)	ORP (mV)	Water Level (ft/BTOC)
Φ945	2ΦΦ	3ΦΦ*	6.85	1.66	Φ	6.84	16.56	366	15.28
Φ948		36ΦΦ	6.96	1.68	Φ	3.2Φ	16.19	357	15.31
Φ951		42ΦΦ	7.Φ6	1.68	Φ	2.Φ5	15.7Φ	352	15.35
Φ954		48ΦΦ	7.14	1.68	Φ	1.54	15.49	35Φ	15.36
Φ957		54ΦΦ	7.16	1.68	Φ	1.35	15.35	35Φ	15.39
1ΦΦΦ		6ΦΦΦ	7.19	1.68	Φ	1.25	15.37	348	15.41
1Φ05		7ΦΦΦ	7.22	1.68	Φ	1.Φ8	15.21	345	15.42
1Φ1Φ		8ΦΦΦ	7.26	1.67	Φ	Φ.96	15.24	343	15.43
1Φ15		9ΦΦΦ	7.3Φ	1.67	Φ	Φ.95	15.13	342	15.43
1Φ2Φ		1ΦΦΦ	7.29	1.67	Φ	Φ.85	15.Φ6	343	15.43
1Φ25		11ΦΦ	7.27	1.67	Φ	Φ.75	15.Φ7	34Φ	15.44
1Φ3Φ		12ΦΦΦ	7.3Φ	1.69	Φ	Φ.76	14.99	337	15.45
1Φ35		13ΦΦ	7.32	1.69	Φ	Φ.75	14.89	336	15.45

ZH 11.25.24

Recorded By: Lon Hoover 11/25/24 QA: 12/9/24



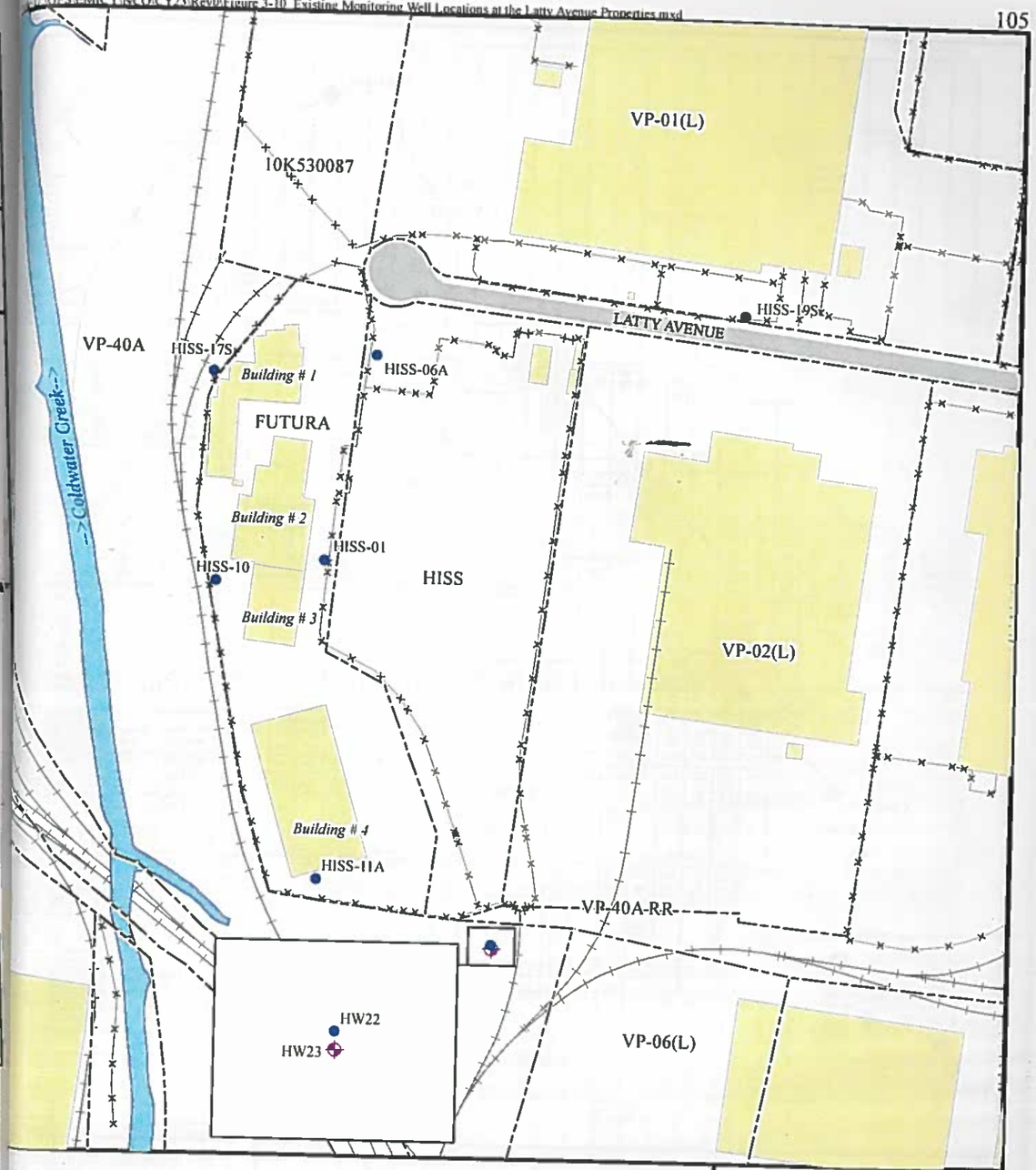


Figure 3-10. Groundwater Monitoring Well Locations at the Latty Avenue Properties

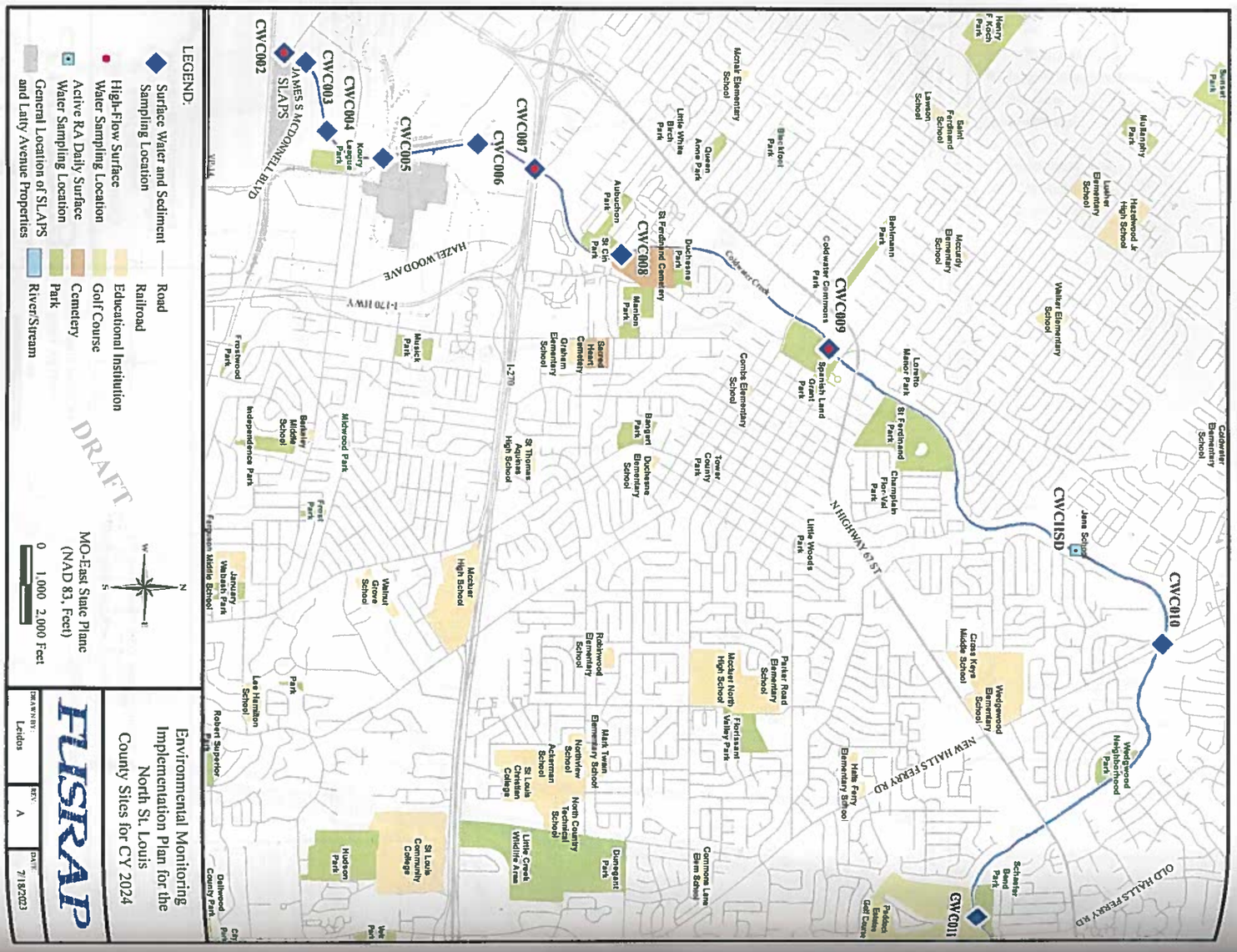


Figure 3-5. Surface Water and Sediment Sampling Locations at Coldwater Creek

SITE	WELL ID	TOTAL DEPTH (FT. BTOC)	SCREEN TOP (FT. BTOC)	SCREEN BOTTOM (FT. BTOC)	MIDDLE OF SCREEN (FT. BTOC)	WELL DIAMETER AND MATERIAL	PUMP TYPE (PERISTALTIC, BLADDER, BAILER, ETC.)	PURGE RATE (ml/min)	COMMENTS
HISS	HISS-01	25.0	19.0	24.0	21.5	4 in. PVC	Peristaltic	120	
HISS	HISS-06A	23.3	17.8	22.8	20.3	2 in. PVC	Peristaltic	100	
HISS	HISS-10	25.7	18.7	23.4	21.1	2 in. PVC	Peristaltic	150	
HISS	HISS-11A	23.5	18.0	23.0	21.0	2 in. PVC	Peristaltic	50	
HISS	HISS-17S	22.6	12.3	22.3	17.3	4 in. SS	Bladder	80	
HISS	HISS-19S	29.6	14.3	24.3	19.3	4 in. SS	Peristaltic	60	
HISS	HW22	30.0	19.0	29.0	24.0	2 in. PVC	Peristaltic	35	
HISS	HW23	93.5	91.5	93.5	92.5	2 in. PVC	Peristaltic	80	
SLAPS	B53W01D	96.0	85.0	95.0	90.0	2 in. ID SS	Peristaltic	120	
SLAPS	B53W01S	28.5	22.5	27.7	25.1	2 in. ID SS	Peristaltic	48	
SLAPS	B53W06S	36.0	30.0	35.0	32.5	2 in. ID SS	Bladder	22	
SLAPS	B53W07D	89.0	77.5	87.5	82.5	2 in. ID SS	Peristaltic	40	
SLAPS	B53W07S	36.0	30.0	35.0	32.5	2 in. ID SS	Peristaltic	13	
SLAPS	B53W09S	36.0	30.0	35.0	32.5	2 in. ID SS	Bladder	30	
SLAPS	B53W17S	35.5	20.3	30.3	25.3	4 in. ID SS	Bladder	53	
SLAPS	MW31-98	34.0	18.4	33.4	25.9	2 in. PVC	Peristaltic	60	
SLAPS	MW32-98	20.3	9.7	19.7	14.7	2 in. PVC	Peristaltic	88	
SLAPS	PW35	115.0	100.0	114.9	107.5	2 in. PVC	Peristaltic	45	
SLAPS	PW36	88.0	83.0	87.9	85.5	2 in. PVC	Peristaltic	300	
SLAPS	PW42	85.1	83.0	85.0	84.0	2 in. PVC	Peristaltic	35	
SLAPS	PW43	25.5	15.0	25.0	20.0	2 in. PVC	Peristaltic	50	
SLAPS	PW44	20.1	10.1	20.1	15.1	2 in. PVC	Peristaltic	50	
SLAPS	PW45	22.3	12.3	22.3	17.3	2 in. PVC	Peristaltic	80	
SLAPS	PW46	23.0	17.5	22.5	20.0	2 in. PVC	Peristaltic	50	
SLDS	B16W06D	81.9	69.7	79.7	74.7	2.35 in. Fiberglass	Bladder	200	
SLDS	B16W06S	42.9	32.6	42.6	37.6	4 in. ID SS	Bladder	100	
SLDS	B16W07D	78.5	65.9	76.2	71.1	2.35 in. Fiberglass	Bladder	270	
SLDS	B16W08D	70.8	58.2	68.6	63.4	2.35 in. Fiberglass	Bladder	280	
SLDS	B16W08S	38.2	27.9	37.9	32.9	4 in. ID SS	Bladder	70	

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APPENDIX I

DOSE ASSESSMENT ASSUMPTIONS

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DOSE ASSESSMENT ASSUMPTIONS

DOSE FROM THE LATTY AVENUE PROPERTIES TO A MAXIMALLY EXPOSED INDIVIDUAL

The TEDE to a hypothetical maximally exposed individual was calculated for an area adjacent to the VP-40A railroad tracks. Dose from the remainder of the Latty Avenue Properties is considered negligible.

This section discusses the estimated TEDE to a hypothetical maximally exposed individual assumed to work in an area directly adjacent to the railroad tracks on VP-40A near the fence on the boundary of VP-40A and Futura. No private residences are adjacent to the site. Therefore, all calculations of dose equivalent due to the applicable pathway assume a realistic residence time that is less than 100 percent. A full-time-employee business receptor was considered the maximally exposed individual for the Latty Avenue Properties.

The exposure scenario assumptions are as follows:

- Exposure to external gamma radiation and radon from Futura/VP-40A sources occurs to the maximally exposed individual while working full time outside at the receptor location (i.e., Futura) located approximately 50 m east from the area identified as having the highest external gamma level in the area adjacent to Futura. Exposure time is 2,000 hours per year (Leidos 2024b).
- Exposure from external gamma radiation was calculated using environmental EDD monitoring data at the perimeter between the source and the receptor. The site is assumed to represent a line-source to the receptor (Leidos 2024b).
- Exposure from Rn-222 (and decay chain isotopes) was calculated using a dispersion factor and Rn-222 (ATD) monitoring data at the site perimeter between the source and the receptor (Leidos 2024b).

Airborne Radioactive Particulates

No RA excavations near the Latty Avenue Properties were performed in CY 2024, and potentially contaminated soil is covered by asphalt/concrete, gravel/railroad ballast, and vegetative ground cover; therefore, dose due to air particulate emissions was assumed to be negligible.

External Gamma Pathway

The Futura/VP-40A EDDs measured an average above background annual exposure of 1.1 mrem per year based on 8,760 hours of continuous exposure. The dose equivalent due to gamma exposure for the maximally exposed individual is estimated by assuming the site approximates a line source with a source strength (H_1) that is the average of the EDD measurements between the source and the receptor (Cember 1996).

$$H_1 = 1.1 \text{ mrem/year}$$

Based on a 100-percent occupancy rate, the exposure rate (H_2) to the receptor was calculated.

$$H_2 = H_1 \times \frac{h_1}{h_2} * \frac{\tan^{-1}(L/h_2)}{\tan^{-1}(L/h_1)}$$

$$H_2 = 5.8E\text{-}02 \text{ mrem/year}$$

where:

H_2 = exposure rate to the receptor (continuous exposure)
H_1 = exposure rate to EDDs
h_2 = distance from source to receptor = 50 m
h_1 = distance from source to EDDs = 5 m
L = average distance from centerline of the line source (H_1) to the end of the line source = 50 m

The actual dose to the maximally exposed individual, who is present during a normal work year only, was calculated.

$$H_{MEI} = H_2 \times \frac{2{,}000 \text{ hours per work year}}{8{,}760 \text{ hours per total year}} = 1.3E\text{-}02 \text{ mrem/year}$$

$$H_{MEI} = < 0.1 \text{ mrem/year}$$

Airborne Radon Pathway

The Futura/VP-40A ATDs measured an average above background annual exposure of 0.07 pCi/L based on 8,760 hours of continuous exposure. Exposure to the receptor from radon (and decay chain isotopes) was estimated using a dispersion factor (C_2) and the average ATD monitoring data (S_1) at the site perimeter between the source and the receptor (Leidos 2024b).

To calculate the dispersion factor, the radon concentrations were determined for a receptor located at 1 m and 50 m east of the monitored area on Futura/VP-40A by inputting a radon release rate of 1 Ci per year, the St. Louis – Lambert International Airport wind file, and a surface area of 300 m^2 into the CAP88-PC model. The CAP88-PC input data and the result of the CAP88-PC run are highlighted and presented in Appendix B. The radon dispersion factor (C_2) for the site was calculated as follows.

$$C_2 = (1.65E\text{-}02)/(2.25E\text{-}02) = 0.73$$

The average of ATD monitoring data (S_1) at the site perimeter (Futura fence line) was calculated as follows.

$$S_1 = 0.07 \text{ pCi/L}$$

The actual radon exposure dose to the hypothetical maximally exposed individual was calculated.

$$S_{MEI} = S_1 \times F \times DCF \times T \times C_1 \times C_2$$

$$S_{MEI} = 0.03 \text{ pCi/L} * 0.007 \text{ WL/pCi.L} * 1{,}250 \text{ mrem/WLM} * 2{,}000 \text{ hours/year} * 1 \text{ month/170 hours} * 0.73$$

$$S_{MEI} = 5.3 \text{ mrem/year}$$

where:

S_{MEI} = radon exposure to the hypothetical maximally exposed individual
S_1 = fenceline average of ATD measurements between source and receptor
F = equilibrium fraction based on Section 4 of *Measurement of Radon and Radon Daughters in Air,* 1 WL = 100 pCi/L and 0.7 outdoor equilibrium factor (NRCP 1988)
DCF = dose conversion factor (USEPA 1989b) = 1,250 mrem per WLM
T = exposure time = 2,000 hours per year
C_1 = occupancy factor constant = 1 month per 170 hours

C_2 = constant derived using CAP88-PC Version 4.1, the Lambert – St. Louis International Airport wind file (assuming a distance of 50 m), and an impacted surface area of 300 m^2). Calculation assumes a 1 Ci per year radon release rate, then ratios the concentrations at 1 m and 50 m to determine the constant.
WL = working level (concentration unit)
WLM = working level month (exposure unit)

Total Effective Dose Equivalent

Based on the exposure scenario and assumptions described previously, a maximally exposed individual working outside at the receptor facility 50 m east of the area adjacent to Futura identified as having the highest external gamma level would have received less than 0.1 mrem per year from airborne particulates, less than 0.1 mrem per year from external gamma, and 2.0 mrem per year from Rn-222, for a TEDE of 2.1 mrem per year (Leidos 2024b).

$$TEDE = CEDE\ (airborne\ particulates) + H_{MEI}\ (external\ gamma) + S_{MEI}\ (airborne\ radon)$$

$$TEDE = negligible + <0.1\ mrem/year + 5.3\ mrem/year = 5.4\ mrem/year$$

DOSE FROM THE ST. LOUIS AIRPORT SITE TO A MAXIMALLY EXPOSED INDIVIDUAL

A full-time-employee business receptor was evaluated to determine the maximally exposed individual from the SLAPS. The business receptor worked full time at a facility located approximately 200 m west-northwest of the center of the SLAPS Loadout area. Exposure time was 2,000 hours per year (250 days per year).

Gamma radiation and radon exposure measured at the SLAPS perimeter assumes a hypothetical member of the public would be at the same location 24 hours per day, 365 days per year. Dose to the nearest member of the public is dependent upon the member's proximity to the gamma source and amount of time spent at the affected site. A residence-based exposure assumes a 100-percent occupancy rate at a given location. No public areas or residences exist near the SLAPS; therefore, exposure to a residence-based receptor is greatly reduced due to the distance relative to the site. A worker exposure assumes that a worker's occupancy rate is 23 percent, based on 40 hours per week for 50 weeks per year. The worker-based receptor is a more realistic choice to represent the hypothetical maximally exposed individual, because of the proximity of the receptor. A realistic assessment of dose can be performed using conservative assumptions of occupancy rate and distance from the source.

The following dose assessment is for a maximally exposed individual who works full time (2,000 hours per year) at a location approximately 200 m west-northwest of the center of the SLAPS Loadout area.

Airborne Radioactive Particulates

The EDE of 1.3 mrem per year to the receptor was calculated using activity fractions and air particulate monitoring data to determine source terms, and then using the USEPA CAP88-PC modeling code to calculate doses to the receptor at 200 m west-northwest of the center of the SLAPS Loadout area, 200 m east-southeast of the IA-09 Ballfield excavations, 400 m west of the James S McDonnell Boulevard excavations, and 175 m south of the IA-09 SSA (Leidos 2024c). Details related to calculation of EDEs for the exposed receptors are contained in Appendix B of this EMDAR.

External Gamma Pathway

The SLAPS EDDs measured an average above background annual exposure of 14.3 mrem per year based on 8,760 hours of continuous exposure. The dose equivalent due to gamma exposure for the maximally exposed individual is estimated by assuming the site approximates a line source with a source strength (H_1) that is the average of the EDD measurements between the source and the receptor (Cember 1996).

$$H_1 = 14.3 \text{ mrem/year}$$

Based on a 100-percent occupancy rate, the exposure rate (H_2) to the receptor was calculated.

$$H_2 = H_1 \times \frac{h_1}{h_2} * \frac{\tan^{-1}(L/h_2)}{\tan^{-1}(L/h_1)}$$

$$H_2 = 2.0 \text{ mrem/year}$$

where:

H_2 = exposure rate to the receptor (continuous exposure)
H_1 = exposure rate to EDDs
h_2 = distance from source to receptor = 200 m
h_1 = distance from source to EDDs = 70 m
L = average distance from centerline of the line source (H_1) to the end of the line source = 50 m

The actual dose to the maximally exposed individual, who is present during a normal work year only, was calculated.

$$H_{MEI} = H_2 \times \frac{2{,}000 \text{ hours per work year}}{8{,}760 \text{ hours per total year}} = 0.5 \text{ mrem/year}$$

$$H_{MEI} = 0.5 \text{ mrem/year}$$

Airborne Radon Pathway

The SLAPS ATDs measured an average above background annual exposure of 0.01 pCi/L based on 8,760 hours of continuous exposure.

Exposure to the receptor from radon (and decay chain isotopes) was estimated using a dispersion factor (C2) and the average ATD monitoring data (S1) at the site perimeter between the source and the receptor (Leidos 2024c).

To calculate the dispersion factor, the radon concentrations were determined for a receptor located at 1.0 m and 200 m west-northwest of the SLAPS Loadout pile by inputting a radon release rate of 1.0 Ci per year, the St. Louis – Lambert International Airport wind file, and a surface area of 5,000 m^2 into the CAP88-PC model. Effective surface area was determined by summing the time-weighted average annual open surface areas for the SLAPS Loadout area. The CAP88-PC input data and the result of the CAP88-PC run are highlighted and contained in Appendix B. The radon dispersion factor (C2) for the site was calculated as follows.

$$C2 = (1.39E\text{-}03)/(7.43E\text{-}03) = 0.19$$

The average of ATD monitoring data (S_1) at the site perimeter (the SLAPS Loadout area) was calculated as follows.

$$S_1 = (0 + 0.02 + 0.02 + 0) / 4 = 0.01 \text{ pCi/L}$$

The actual radon exposure dose to the hypothetical maximally exposed individual was calculated.

$$S_{MEI} = S_1 \times F \times DCF \times T \times C_1 \times C_2$$

$$S_{MEI} = 0.1 \text{ pCi/L} * 0.007 \text{ WL/pCi/L} * 1250 \text{ mrem/WLM} * 2000 \text{ hours/year} * 1 \text{ month/170 hours} * 0.19$$

$$S_{MEI} = 0.2 \text{ mrem/year}$$

where:

- S_{MEI} = radon exposure to the hypothetical maximally exposed individual
- S_1 = fenceline average of ATD measurements between source and receptor
- F = equilibrium fraction based on Section 4 of *Measurement of Radon and Radon Daughters in Air,* 1 WL = 100 pCi/L and 0.7 outdoor equilibrium factor (NRCP 1988)
- DCF = dose conversion factor (USEPA 1989b) = 1,250 mrem per WLM
- T = exposure time = 2,000 hours per year
- C_1 = occupancy factor constant = 1 month per 170 hours
- C_2 = constant derived using CAP88-PC Version 4.1, the Lambert – St. Louis International Airport wind file (assuming a distance of 200 m, and an impacted surface area of 5,000 m^2). Calculation assumes a 1 Ci per year radon release rate, then ratios the concentrations at 70 m (source to detector) and 200 m (source to receptor) to determine the constant.
- WL = working level (concentration unit)
- WLM = working level month (exposure unit)

Total Effective Dose Equivalent

$$TEDE = CEDE \text{ (airborne particulates)} + H_{MEI} \text{ (external gamma)} + S_{MEI} \text{ (airborne radon)}$$

$$TEDE = 1.3 \text{ mrem/year} + 0.5 \text{ mrem/year} + 0.2 \text{ mrem/year} = 2.0 \text{ mrem/year}$$

DOSE FROM THE ST. LOUIS AIRPORT SITE VICINITY PROPERTIES TO A MAXIMALLY EXPOSED INDIVIDUAL

A full-time, residence-based receptor was evaluated to determine the maximally exposed individual from the SLAPS VPs, because the RA work conducted on the SLAPS VPs occurred in the vicinity of the receptor. The residence-based receptor lived full-time during CY 2024 at a location approximately 50 m east of the CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) excavation areas. Exposure time was 8,760 hours per year (366 days per year).

Gamma radiation and radon exposure were considered negligible at the excavation area. Therefore, only exposure to airborne radioactive particulates was considered in the dose estimate calculation.

Airborne Radioactive Particulates

An EDE of 3.1 mrem per year to the residential receptor was calculated using activity fraction and air particulate monitoring data to determine a source term, and then using the USEPA CAP88-PC modeling code to calculate dose to the receptor at 50 m east of the CWC-386, CWC-387, and CWC-388 (Northwest Bank of CWC) excavation areas (Leidos 2024c). Details related to calculation of EDEs for the exposed receptors are contained in Appendix B of this EMDAR.

Total Effective Dose Equivalent

$$TEDE = CEDE\ (\text{airborne particulates}) + H_{MEI}\ (\text{external gamma}) + S_{MEI}\ (\text{airborne radon})$$

$$TEDE_{CWC\text{-}386,\ -387,\ \text{and}\ -388\ (\text{Northwest Bank of CWC})} = 3.1\ \text{mrem/year} + \text{negligible} + \text{negligible} = 3.1\ \text{mrem/year}$$

DOSE FROM COLDWATER CREEK TO A MAXIMALLY EXPOSED INDIVIDUAL

The following dose assessment is for a maximally exposed individual assumed to be a youth (10-year-old child) who spends time at CWC for recreational purposes.

Contaminated Water Ingestion (Leidos 2024d)

The UCL_{95} values of the average contamination values measured in CWC surface water in CY 2024 at each monitoring station (Table I-1) were used to calculate the EDE to the receptor from an intake of contaminated water. Assumptions follow.

The receptor visits CWC as a recreational user once every 2 weeks (26 visits per year), and the receptor drinks 2 L per day of contaminated water from CWC during each visit (USEPA 1989c).

The TEDE due to ingestion of surface water ($TEDE_W$) was calculated.

$$TEDE_W = \Sigma\ (TEDE_{Tot\text{-}U},\ TEDE_{Th\text{-}228},\ TEDE_{Th\text{-}230},\ TEDE_{Th\text{-}232},\ TEDE_{Ra\text{-}226},\ TEDE_{Ra\text{-}228})$$

$$TEDE_i = (UCL_{95})\ \text{pCi/L} \times 2.0\ \text{L/day} \times 26\ \text{days/year} \times \text{DCF mrem/pCi}$$

Table I-1. UCL_{95} Values for Radionuclides for CY 2024

Radionuclides	UCL_{95} Concentration	Unit
Ra-226	0.29	pCi/L
Th-228	0.60	pCi/L
Th-230	0.98	pCi/L
Th-232	0.28	pCi/L
Total U	1.51	pCi/L

The dose conversion factors (DCFs) (ORNL 2014) for radionuclides present in CWC surface water are presented in Table I-2.

Table I-2. Radionuclide Dose Conversion Factors for CY 2024

Radionuclides	DCF[a]	Unit
Ra-226	2.97E-03	mrem/pCi
Th-228	5.07E-04	mrem/pCi
Th-230	9.10E-04	mrem/pCi
Th-232	1.07E-03	mrem/pCi
Total U	2.63E-04	mrem/pCi

[a] For a youth (10-year-old child).

Therefore:

$$TEDE_{Ra\text{-}226} = 0.29\ \text{pCi/L} \times 2.0\ \text{L/day} \times 26\ \text{day/year} \times 2.97\text{E-}03\ \text{mrem/pCi} = 4.45\text{E-}02\ \text{mrem/year}$$

$$TEDE_{Th\text{-}228} = 0.60\ \text{pCi/L} \times 2.0\ \text{L/day} \times 26\ \text{day/year} \times 5.07\text{E-}04\ \text{mrem/pCi} = 1.59\text{E-}02\ \text{mrem/year}$$

$$TEDE_{Th\text{-}230} = 0.98 \text{ pCi/L} \times 2.0 \text{ L/day} \times 26 \text{ day/year} \times 9.10E\text{-}04 \text{mrem/pCi}$$
$$= 4.64E\text{-}02 \text{ mrem/year}$$

$$TEDE_{Th\text{-}232} = 0.28 \text{ pCi/L} \times 2.0 \text{ L/day} \times 26 \text{ day/year} \times 1.07E\text{-}3 \text{ mrem/pCi}$$
$$= 1.54E\text{-}02 \text{ mrem/year}$$

$$TEDE_{Tot\text{-}U} = 1.51 \text{ pCi/L} \times 2.0 \text{ L/day} \times 26 \text{ day/year} \times 2.63E\text{-}04 \text{ mrem/pCi}$$
$$= 2.06E\text{-}02 \text{ mrem/year}$$

$$TEDE_W = 1.43E\text{-}01 \text{ mrem/year}$$

Contaminated Sediment Ingestion (Leidos 2024d)

The UCL_{95} values of the average contamination values measured in CWC sediment in CY 2024 at each monitoring station (Table I-3) were used to calculate the EDE to the receptor from an intake of contaminated sediment. Assumptions follow.

The receptor visits CWC as a recreational user once every 2 weeks (26 visits per year). The receptor ingests 50 mg per day of contaminated sediment from CWC during each visit (USEPA 1989c).

The TEDE due to ingestion of contaminated sediment ($TEDE_S$) was calculated.

$$TEDE_S = \Sigma (TEDE_{Tot\text{-}U}, TEDE_{Th\text{-}228}, TEDE_{Th\text{-}230}, TEDE_{Th\text{-}232}, TEDE_{Ra\text{-}226}, TEDE_{Ra\text{-}228})$$

$$TEDE_i = (UCL_{95}) \text{ pCi/g} \times 0.05 \text{ g/day} \times 26 \text{ days/year} \times \text{DCF mrem/pCi}$$

Table I-3. UCL_{95} Values for Radionuclide for CY 2024

Radionuclides	UCL_{95} Concentration	Unit
Ra-226	1.20	pCi/g
Ra-228	0.63	pCi/g
Th-228	0.95	pCi/g
Th-230	4.26	pCi/g
Th-232	0.86	pCi/g
Total U	1.83	pCi/g

The DCFs (ORNL 2014) for radionuclides present in CWC sediment are presented in Table I-4.

Table I-4. Radionuclide Dose Conversion Factors for CY 2024

Radionuclides	DCF[a]	Unit
Ra-226	2.97E-03	mrem/pCi
Ra-228	1.45E-02	mrem/pCi
Th-228	5.07E-04	mrem/pCi
Th-230	9.10E-04	mrem/pCi
Th-232	1.07E-03	mrem/pCi
Total U	2.63E-04	mrem/pCi

[a] For a youth (10-year-old child).

Therefore:

$$TEDE_{Ra\text{-}226} = 1.20 \text{ pCi/g} \times 0.05 \text{ g/day} \times 26 \text{ day/year} \times 2.97E\text{-}03 \text{ mrem/pCi}$$
$$= 4.65E\text{-}03 \text{ mrem/year}$$

$$TEDE_{Ra\text{-}228} = 0.63 \text{ pCi/g} \times 0.05 \text{ g/day} \times 26 \text{ day/year} \times 1.45E\text{-}02 \text{ mrem/pCi}$$
$$= 1.19E\text{-}02 \text{ mrem/year}$$

$$TEDE_{Th\text{-}228} = 0.95\ pCi/g \times 0.05\ g/day \times 26\ day/year \times 5.07E\text{-}04\ mrem/pCi = 6.24E\text{-}04\ mrem/year$$

$$TEDE_{Th\text{-}230} = 4.26\ pCi/g \times 0.05\ g/day \times 26\ day/year \times 9.10E\text{-}04\ mrem/pCi = 7.46E\text{-}03\ mrem/year$$

$$TEDE_{Th\text{-}232} = 0.99\ pCi/g \times 0.05\ g/day \times 26\ day/year \times 1.07E\text{-}3\ mrem/pCi = 5.04E\text{-}03\ mrem/year$$

$$TEDE_{Tot\text{-}U} = 1.83\ pCi/g \times 0.05\ g/day \times 26\ day/year \times 2.63E\text{-}4\ mrem/pCi = 86.25E\text{-}04\ mrem/year$$

$$TEDE_S = 2.40E\text{-}02\ mrem/year$$

Total Effective Dose Equivalent

$$TEDE = TEDE_W + TEDE_S$$

$$TEDE = 1.43E\text{-}01\ mrem/year + 2.40E\text{-}02\ mrem/year = 0.2\ mrem/year$$