



Public Notice

US ARMY CORPS
OF ENGINEERS
St. Louis District
Gateway to Excellence

Reply To:
U.S. Army Corps of Engineers
Attn: CEMVS-OD-F
1222 Spruce Street
St. Louis, Missouri 63103-2833

Public Notice No.
P-3119

Public Notice Date:
December 21, 2018

Expiration Date:
January 10, 2019

Postmaster Please Post Conspicuously Until:

File Number: MVS-2018-291

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States, as described below and shown on the attached maps.

COMMENTS AND ADDITIONAL INFORMATION: Comments on the described work should reference the U.S. Army Corps of Engineers File Number shown above and must reach this office no later than the above expiration date of the Public Notice to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers
Regulatory Branch
1222 Spruce Street
St. Louis, Missouri 63103-2833
ATTN: Tyson J. Zobrist

APPLICANT: Illinois-American Water Company (ILWA), Attention: Elizabeth Matthews, 100 North Water Works Drive, Belleville, IL. 62223.

LOCATION: The site is located at Illinois-American Water's East St. Louis Water Treatment Plant, southeast of the Stan Musial Veterans Memorial Bridge. The project site address is 800 North Front Street, East St. Louis, Illinois. The project is located in the Northeast ¼ of Section 11, Township 02 North, Range 10 West, St. Clair County.

PROJECT DESCRIPTION: The applicant seeks authorization to expand their existing East Saint Louis water treatment facility (ESLWTF). The facility is required to complete water quality testing and submit the data to Illinois Environmental Protection Agency (IEPA) for determination of the classification of the source water supply related to the Long Term 2 Enhanced Surface Water Treatment Rule. Based on the results of the testing, the ESLWTF has been reclassified as a Bin 2 facility, requiring an additional 1-log removal credit for Cryptosporidium. IEPA has required that Illinois American Water (ILAW) implement the required treatment to comply with the additional 1-log removal of Cryptosporidium by October 1, 2020.

ILAW has retained a consultant to evaluate the treatment alternatives available for the ESLWTF to determine the recommended approach to provide an additional barrier for Cryptosporidium. Therefore, ILWA purposes to install a new ultraviolet (UV) disinfection system along with a transfer pump station, 2 finished water storage tanks, high service pump station, and associated parking lots and driveways. This expansion will cover approximately 7.8-acres

immediately south of the existing plant. The applicant proposes to build the new structures in an area with delineated forested wetland. The work will include clearing trees and grading to raise the ground elevation at each structure. The tree clearing will begin as soon as all authorizations are received and is proposed to be completed by March 31, 2019. The grading and construction of the structures are scheduled to begin in March 2019 with construction continuing until mid-2021.

The project proposes to impact 5-acres of forested wetland. The entire 5-acres contains hydric soils, hydric vegetation and is a neighboring waters of the Mississippi River. Illinois-American Water Company has researched alternatives and has attempted to minimize impacts to the wetlands. However, the applicant stated that the impacts are unavoidable due to the need to utilize and develop the site abutting their existing facility. The applicant is exploring mitigation options within approved wetland mitigation banks.

LOCATION MAPS AND DRAWINGS: See attached. In addition, the project plans may be viewed in color and in more detail by visiting the Public Notice section of our website at:

<http://www.mvs.usace.army.mil/Missions/Regulatory/PublicNotices/OpenNotices.aspx>

ADDITIONAL INFORMATION: Additional information may be obtained by contacting Tyson J. Zobrist, Project Manager, U.S. Army Corps of Engineers, at (314) 331-8578. Your inquiries may also be sent by electronic facsimile to (314) 331-8741 or by e-mail to Tyson.J.Zobrist@usace.army.mil.

AUTHORITY: This permit will be processed under Section 404 of the Clean Water Act (33 U.S.C. 1344).

WATER QUALITY CERTIFICATION: This public notice also provides documentation to the Illinois Environmental Protection Agency (IEPA) for water quality certification, or waiver thereof, for the proposed activity in accordance with Section 401 of the Clean Water Act. Certification or waiver indicates that IEPA believes the activity will not violate applicable water quality standards. The review by the IEPA is conducted in accordance with the Illinois water quality standards under 35 Illinois Administrative Code Subtitle C. The water quality standards provide for the IEPA to review individual projects by providing an antidegradation assessment, which includes an evaluation of alternatives to any proposed increase in pollutant loading that may result from this activity. The "Fact Sheet" containing the antidegradation assessment for this proposed project may be found on the IEPA's web site, at www.epa.state.il.us/public-notices/. In the event that the IEPA is unable to publish the "Fact Sheet" corresponding to the timeframe of this Joint Public Notice, a separate public notice and "Fact Sheet" will be published by the IEPA at the web site identified above. You may also obtain a copy of the "Fact Sheet" by contacting the IEPA at the address or telephone number shown below.

Written comments specifically concerning possible impacts to water quality should be addressed to:

Illinois Environmental Protection Agency
Bureau of Water
Watershed Management Section
1021 N. Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

A copy of all written comments should also be provided to the Corps of Engineers. If you have any questions please contact the IEPA at (217) 782-3362.

SECTION 404 (b)(1) EVALUATION: The impact of the activity on the public interest will be evaluated in accordance with the Environmental Protection Agency guidelines pursuant to Section 404 (b)(1) of the Clean Water Act.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the applicant's proposal. Any request for a public hearing shall state, with particularity, the reason for the hearing, and must be based on issues that would warrant additional public review.

ENDANGERED SPECIES: The proposed project is within the range of the federally endangered Indiana bat (**Myotis sodalis**) and the northern long-eared bat (**Myotis septentrionalis**) that is currently a threatened species and is a proposed candidate for endangered status. A preliminary determination, in compliance with the Endangered Species Act as amended, has been made that this activity may affect the habitat of these listed and candidate species. The Corps is coordinating with the U.S. Fish and Wildlife Service and the applicant is taking measures to minimize potential effects of the project during construction. In order to further complete our evaluation, written comments are solicited by this public notice from the U.S. Fish and Wildlife Service and other interested agencies and individuals.

CULTURAL RESOURCES: The St. Louis District will evaluate information provided by the applicant, State Historic Preservation Officer and the public in response to this public notice and we may conduct, or require a reconnaissance survey of the project area. The Corps will continue to coordinate with SHPO and Native American Tribes as appropriate.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that may reasonably be expected to accrue from the described activity must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the activity described, will be considered including the cumulative effects. Among factors considered are: conservation; economics; aesthetics; general environmental concerns; wetlands; historic properties; fish and wildlife values; flood hazards; flood plain values; land use; navigation; shoreline erosion and accretion; recreation; water supply and conservation; water quality; energy needs; safety; food and fiber production; mineral needs; consideration of property ownership; and in general the needs and welfare of the people.

SOLICITATION OF COMMENTS: The U.S. Army Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of the proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Robert S. Gramke
Chief, Regulatory Branch

Attachments

NOTICE TO POSTMASTERS:

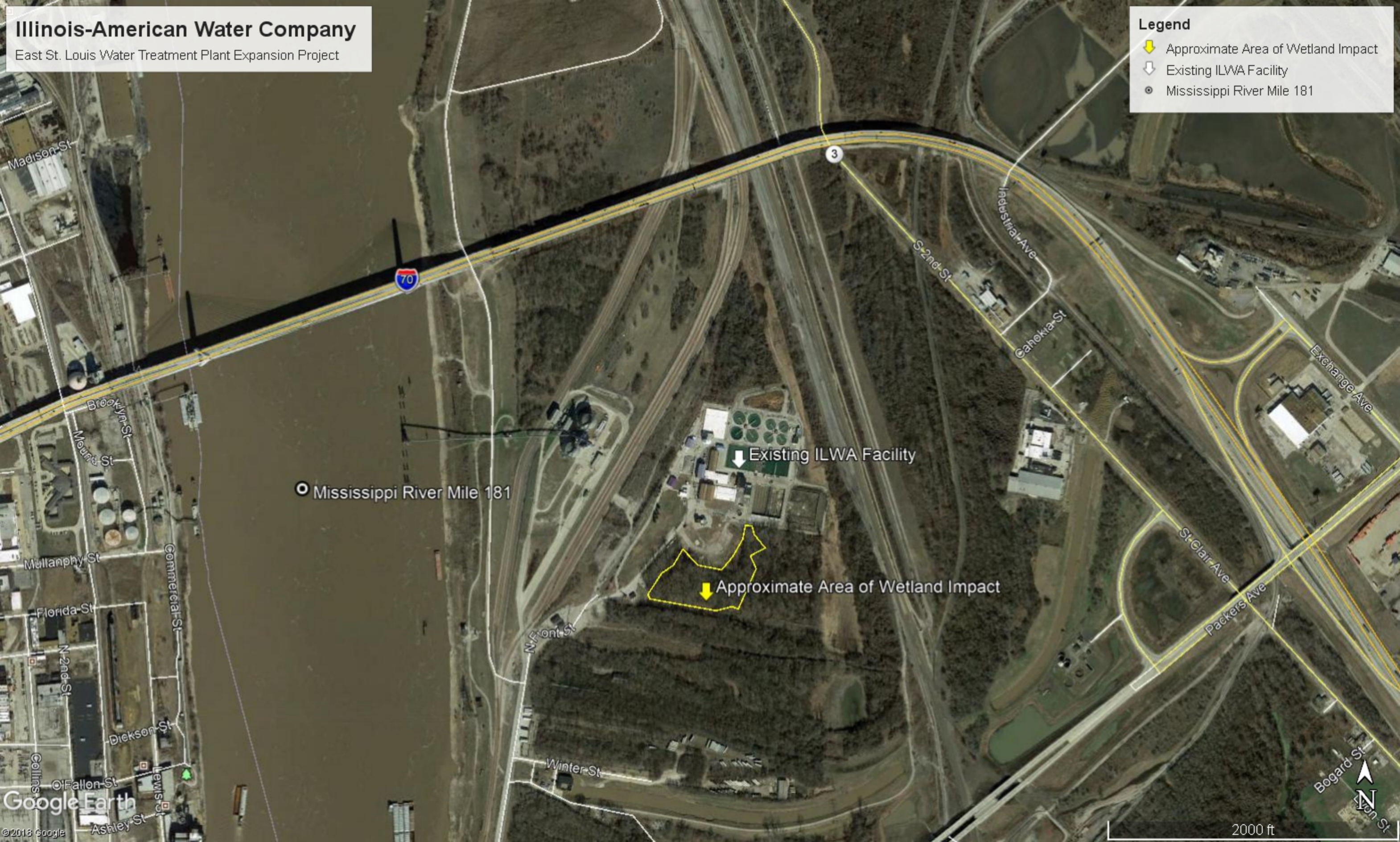
It is requested that this notice be conspicuously and continually placed for 21 days from the date of this issuance of this notice.

Illinois-American Water Company

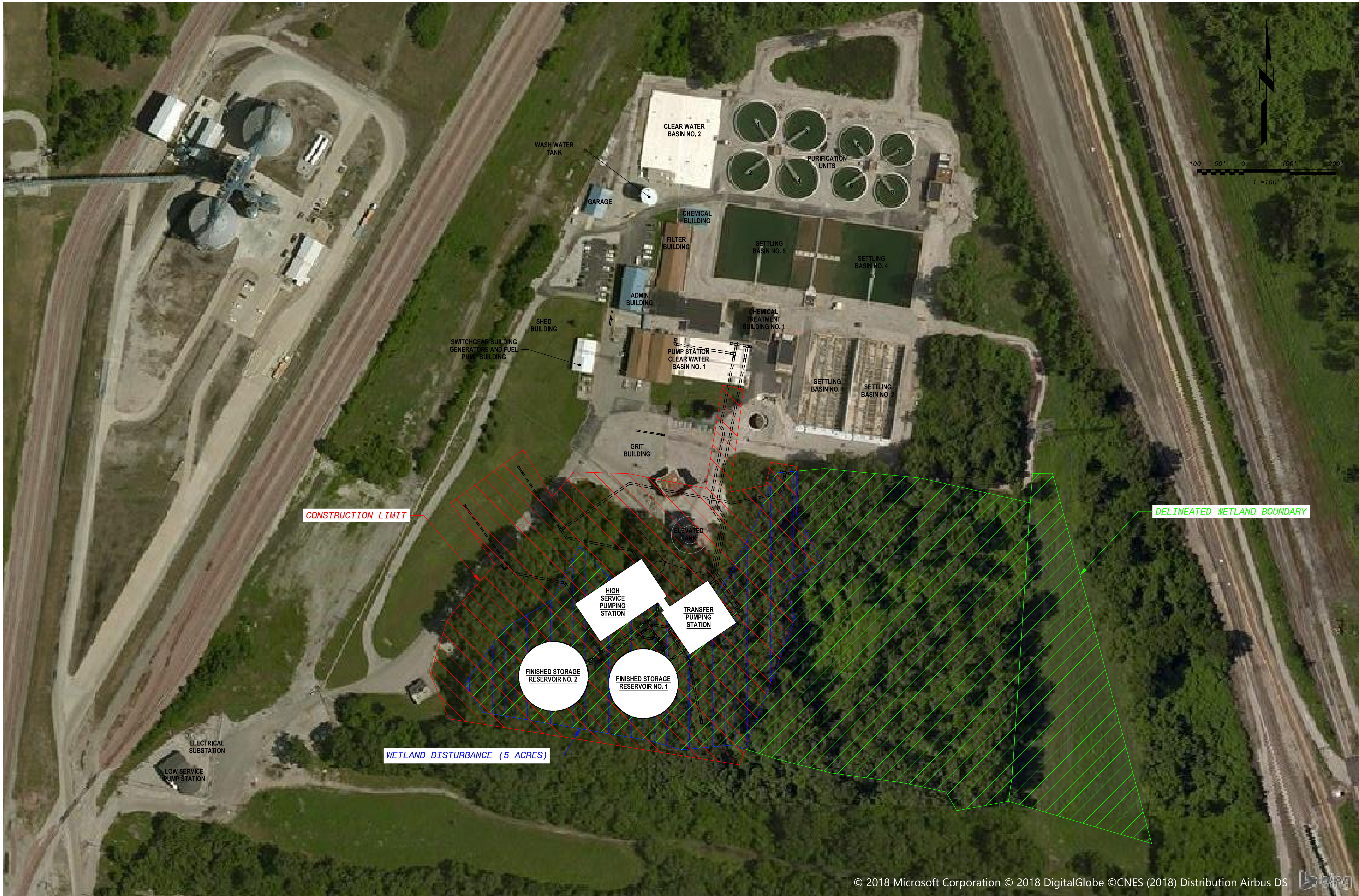
East St. Louis Water Treatment Plant Expansion Project

Legend

- Approximate Area of Wetland Impact
- Existing ILWA Facility
- Mississippi River Mile 181



3/23/2019 9:13:56 AM
Z:\FLINN ENGINEERING\PROJECTS\18-002 B&V ESI UV DESIGN\FIGURE 2B WETLAND IMPACT AERIAL.DWG



SITE PLAN
1" = 100'-0"

WHEN THIS DRAWING IS
REPRODUCED AT ORIGINAL
SCALE THIS BAR = 1 INCH



Flinn
engineering

Flinn Engineering, LLC
11216 Neumann Lane
Highland, Illinois 62249
618.550.8427 Engineering License No. 184.007033-0002



ILLINOIS
AMERICAN WATER

ENGINEERING DEPARTMENT
300 N. WATER WORKS DR. BELLEVILLE, IL 62223

ILLINOIS-AMERICAN WATER CO.
INTERURBAN DISTRICT
EAST ST. LOUIS WATER TREATMENT PLANT
CLEARWELL & HIGH SERVICE PUMP STATION
UV & TRANSFER PUMP STATION

**PRELIMINARY
NOT FOR
CONSTRUCTION**

The Professional Engineer, whose signature and personal seal appear on this document, assumes responsibility only for what appears herein, and disclaims responsibility for all other plans, specifications, estimates, reports, documents or instruments not sealed by the Professional Engineer residing in, or intended to be used for, any part or parts of the engineering project to which this document refers. Plans shall be the Engineer's work, the subject of no other seal of the Engineer, unless the signature and date, types of this document, are signed and sealed, have been retained by the Professional Engineer. The Professional Engineer will not be responsible for subsequent changes to this document, unless the changes are made by the Engineer or with the Engineer's written, authorized consent.

REVISIONS:		
NO.	DATE	DESCRIPTION

DRAWN BY: LLG
CHECKED BY: KAS
FILE NO:
PROJ. NO.: 196285
ISSUE DATE: 12/18/2018
DRAWING TITLE: CIVIL
WETLAND
IMPACT
AERIAL VIEW

DRAWING NO.:
FIGURE 2B