

APPENDIX B COMMUNITY INTERVIEWS

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2019 - 2020 COMMUNITY INTERVIEWS for Five-Year Review

Property Owner/Citizen #1

How are you familiar with the St. Louis FUSRAP sites?

1 I am part of the coldwater creek group

What is your overall impression of the project?

2 thorough and complete

What contacts have you had with representatives from FUSRAP?

Were they responsive to your concerns?

3 have not had any contact or reason to communicate with.

But everyone has always been very respectful when together in meetings.

Do you have any current concerns about the site?

If so, what are they?

4 when the community sees workers out taking soil samples causes concern

And of course rumors because they're not familiar or understand what is

Going on. Many are uninformed and this causes rumors and social media

Negative Discussion.

What effects of the site operations had on your business/property?

5 fortunately there has been no affect for me or my business, although

My business is retired since 2011. The fear of the unknown and not

Being informed could have an adverse affect.

Do you think site operations have had an effect on the community?

If so, what are they?

6. Yes there is fear in the community primarily because of lack of knowledge

And not understanding in simple terms. Everyone jumps to conclusions

And always assumes the worst. In general the community is very simple minded

And public updates/town hall meetings, with a simple explanation would be

Beneficial. Possibly area mailings of such a meeting would be a benefit.

Inviting the public would be proactive.

Are you aware of the community concerns regarding site operations and administration?

If so, please provide details.

7 when the community sees soil testing in the process it is easy for the community

To make assumptions. Most of which are negative caused from fear of the

Unknown/lack of knowledge. Typically the only avenue is social media if they

are face book familiar. These discussions become very negative and Foster

Uneducated rumors. These discussions are sporadic and not routine.

Do you receive the FUSRAP Newsletter or attend any of the Public Meetings?

8 yes I attend

Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings?

9 the general public are not engineers or educated environmentalists. It is like speaking with
A medical professor and hard to understand in a simple mind what is going on at some of
The public meetings. For the most part people have simple questions, such as,
"does this affect me", which I understand is a hard question to address, but it is valid.
While I understand the government wants to do everything top notch and professional
Some presentations give the interpretation of bureaucracy and the runaround. Presenters
Need to speak at the audience level of understanding.

Do you feel that FUSRAP has reached out to inform the community regarding the project operations?

10 NO I do not, I believe more communication needs to be done at possibly in a direct way.
I receive information because I'm signed up e-mail wise. The majority is not. Possibly consider
More public meetings and direct mail.

Do you feel well informed about FUSRAP?

11 I do because I take an interest in what is going on and engage in involvement.

Do you have any suggestions for how information concerning the sites should be distributed to the community?

12 as stated above, email is not for everyone, at it takes an invitation by mail to get people
Engaged to become more educated.

Do you have any comments, suggestions, or recommendations regarding the site's operations or management?

13 I understand public meetings of such a sensitive nature can be difficult to manage.
A strong Sargent of arms, and consistency during a meeting can achieve this.
A printed copy of the meetings rules needs to be handed to everyone coming in the door,
The rules do not need to be lengthy and in bullet points of the structure and courtesy.
Information should be given in understandable terms.
Audience questions should be addressed publicly if able quickly and simply.
Arguments debates and emotions should swiftly be addressed, in order to keep the meeting moving.
I understand managing a potentially unruly crowd is difficult, that is cause by emotions.
The meeting needs to be very clear, this discussion is on coldwater creek, no other project.
It means to be stated on the rules sheet, this is coldwater creek discussion-no other.
If an attempt is made to discuss another project, it should be voice this is not part of tonight's discussion.
I realize I am making suggestions regarding a public meeting and not site operations.
I do not have anything to offer regarding operations or management of the site. Just public meetings.

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Property Owner/Citizen #2

1. How are you familiar with the St. Louis FUSRAP sites?
I became aware of the project in 2011 after my Son was diagnosed with PMP Cancer in 2011
2. What is your overall impression of the project?
The work FUSRAP is doing is performing is very positive. But, it should have never been necessary in the first place.
3. What contacts have you had with representatives from FUSRAP? Were they responsive to your concerns?
I have had contact with Management of FUSRAP since 2013 as a member of the FUSRAP Oversight committee. Everyone has been very open and as direct as they could be.
4. Do you have any current concerns about the site? If so, what are they?
Not the sites in general, but the soil that has been removed over the years and has been deposited outside the cleanup sites.
5. What effects of the site operations had on your business/property?
STL North County is the wasteland of St. Louis because of the dumping and lower income communities. Property values are lower than other sections of the region because of these practices. No one will admit this to be fact but, we all know it is true.
6. Do you think site operations have had an effect on the community? If so, what are they?
YES!! See the answer to the 5th question.
7. Are you aware of the community concerns regarding site operations and administration? If so, please provide details.
I think most are concerned more about property values, exposure, and health issues. Coldwater Creek just the facts Please, has documented higher cancer rate than the national averages. The ATSDR has reviewed our findings and will not confirm them but, they do not deny them.
8. Do you receive the FUSRAP Newsletter or attend any of the Public Meetings?
Yes, I do not have any suggestions.
9. Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings?
I would like to see you address the health aspect but it would only create panic. It is also not your responsibility.
10. Do you feel that FUSRAP has reached out to inform the community regarding the project operations?
Yes!! And you are doing a good job of it.

11. Do you feel well informed about FUSRAP?

Yes

12. Do you have any suggestions for how information concerning the sites should be distributed to the community?

I cannot think of anything that you are not doing.

13. Do you have any comments, suggestions, or recommendations regarding the site's operations or management?

NO

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Carrie Dickhans (St. Louis County Department of Public Health)

State and Local Governments:

Carrie Dickhans, Director

Division of Environmental Services St. Louis County Department of Public Health

How are you familiar with the St. Louis FUSRAP sites?

Relatively familiar

What is your overall impression of the project?

A significant project that is being done in an effective manner.

What contacts have you had with representatives from FUSRAP?

Community information meetings with the USACE. County DPH meetings with the USACE.

What are your current concerns about the site?

Disruptions to the residents during investigation and remediation activities. Potential long term health impacts for those with continued long-term exposure.

If applicable, what effects have site operations had on property owned by your organization?

Do you think site operations have had an effect on the community? If so, what are they?

Traffic disruptions, economic impact, lowered property values. In addition, there is a certain level of psychological impact evident with this type of remediation due to fear of health effects.

Have there been routine communications or activities conducted by your office at the FUSRAP site (site visits, inspections, reporting activities, etc.)?

If so, please give purpose and results.

We have not routinely conducted any inspections or had contact onsite with the remediation team.

Have there been any complaints, or other incidents related to the site requiring a response by your office? If so, please give details.

Not within the past 5 years since I have been in my current role with the department.

Do you currently have any unaddressed comments, suggestions, or recommendations regarding the site's management and operations?

More frequent informational meetings with the community and with County DPH officials would be helpful.

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Nora Estopare (MSD)

1. How are you familiar with the St. Louis FUSRAP sites?
MSD is familiar with the St. Louis FUSRAP sites through communication with the USACE. The SLAPS and SLDS sites are marked in our GIS system to alert MSD staff to contact the FUSRAP remedial managers when work activities need to be conducted within these boundaries.
2. What is your overall impression of the project?
The remedial approach is sound and has been well executed. The project has been complicated by Coldwater Creek contamination that has been carried out of the creek and deposited in surrounding areas during flooding events.
3. What contacts have you had with representatives from FUSRAP? Were they responsive to your concerns?
MSD has ongoing contact with the FUSRAP remedial managers under the terms of the Utility Support Agreement. FUSRAP representatives are responsive to MSD's requests for support.
4. Do you have any current concerns about the site? If so, what are they?
There are no current concerns about the site.
5. What effects of the site operations had on your business/property?
Extra steps are necessary for completing MSD work activities in the FUSRAP site boundaries.
6. Do you think site operations have had an effect on the community?
If so, what are they? Yes, the same effect that any construction project would have. Additionally, site operations have caused community concern for radiological contamination exposure.
7. Are you aware of the community concerns regarding site operations and administration?
If so, please provide details.
MSD is aware of the community concerns that are covered in news reports.
8. Do you receive the FUSRAP Newsletter or attend any of the Public Meetings?
MSD receives the FUSRAP newsletter.
9. Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings?
10. Do you feel that FUSRAP has reached out to inform the community regarding the project operations?

Ample information is available on the St. Louis Sites FUSRAP website, but MSD is uncertain to what extent additional efforts have been made by FUSRAP to inform the community regarding project operations.

11. Do you feel well informed about FUSRAP?

Yes, MSD has ongoing contact with the FUSRAP remedial managers under the terms of the Utility Support Agreement.

12. Do you have any suggestions for how information concerning the sites should be distributed to the community?

No suggestions

13. Do you have any comments, suggestions, or recommendations regarding the site's operations or management?

No suggestions

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Erin Evans (ATSDR)

1. How are you familiar with the St. Louis FUSRAP sites?
ATSDR performed a public health assessment on the St. Louis Airport Site/ Hazelwood Interim Storage Site/ Futura NPL site in 1994. ATSDR became re-engaged in approximately 2015 at the request of the community. In 2019, ATSDR released the final version of another public health assessment focusing on recreational and residential exposures along Coldwater Creek.
2. What is your overall impression of the project?
ATSDR supports FUSRAP's continued investigation and cleanup of areas potentially affected by historical activities at the site, especially Coldwater Creek.
3. What contacts have you had with representatives from FUSRAP?
ATSDR regional staff participate in regular meetings with FUSRAP staff related to North County FUSRAP sites. FUSRAP staff provided data, site information to ATSDR regional and headquarters staff for ATSDR's latest activities, and took ATSDR staff on a site visit.
4. What are your current concerns about the site?
No data exist to characterize many miles of Coldwater Creek and its floodplain downstream from the historical former waste sites. ATSDR supports timely investigation and cleanup, if necessary, of these areas.
5. If applicable, what effects have site operations had on property owned by your organization?
Not applicable. ATSDR owns no property in the area.
6. Do you think site operations have had an effect on the community? If so, what are they?
Frequent, long-term exposure to site contaminants in recreational and residential areas along the creek may have increased the risk of certain types of cancer, especially in the past. Perception of continued risk adds stress and fear; this is why ATSDR supports timely investigation, cleanup, and communication of site findings to the community.
7. Have there been routine communications or activities conducted by your office at the FUSRAP site (site visits, inspections, reporting activities, etc.)? If so, please give purpose and results.
ATSDR regional staff participate in FUSRAP regulator calls and public meetings, as requested. ATSDR regional and headquarters staff participated in multiple non-routine public meetings and site visits during development and release of the 2019 public health assessment.
8. Have there been any complaints, or other incidents related to the site requiring a response by your office? If so, please give details.
ATSDR's recent public health assessment related to Coldwater Creek was initiated in response to concerns raised by the community. ATSDR received numerous public comments on the 2018 draft public health assessment which are published in the final report.

9. Do you currently have any unaddressed comments, suggestions, or recommendations regarding the site's management and operations?

ATSDR recommends that FUSRAP continue investigating and cleaning up Coldwater Creek sediments and floodplain soils to meet regulatory goals. To increase knowledge about contaminant distribution and allay community concerns, ATSDR recommends future sampling include

- areas reported to have received soil or sediment moved from the Coldwater Creek floodplain (such as fill used in construction)
- areas with possible soil or sediment deposited by flooding of major residential tributaries to Coldwater Creek
- indoor dust in homes where yards have been cleaned up or require cleanup
- sediment or soil remaining in basements that were directly flooded by Coldwater Creek in the past

ATSDR also recommends that authorities install signs to inform residents and visitors of potential exposure risks in areas around Coldwater Creek not yet investigated or remediated and that public health agencies continue to evaluate, to the extent possible, community concerns about exposure and educate the community about radiological exposures and health. We recognize all these recommendations may not be within FUSRAP authority.

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Dan Fuehn (Ameren)

How are you familiar with the St. Louis FUSRAP sites? I had 3 projects in 10 years

What is your overall impression of the project? Seems organized

What contacts have you had with representatives from FUSRAP? Kurtis and George
Were they responsive to your concerns? Yes

Do you have any current concerns about the site? no
If so, what are they?

What effects of the site operations had on your business/property?none

Do you think site operations have had an effect on the community?I don't know
If so, what are they?

Are you aware of the community concerns regarding site operations and administration?
If so, please provide details.no

Do you receive the FUSRAP Newsletter or attend any of the Public Meetings?no

Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings?no

Do you feel that FUSRAP has reached out to inform the community regarding the project operations?
I don't know

Do you feel well informed about FUSRAP? somewhat

Do you have any suggestions for how information concerning the sites should be distributed to the community?no

Do you have any comments, suggestions, or recommendations regarding the site's operations or management?no

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Ben Grossman (Great Rivers Greenway)

How are you familiar with the St. Louis FUSRAP sites?

Familiar with the project site, but not with details of the project itself. Cleanup site is adjacent to the Mississippi Greenway: Riverfront Trail in which our organization is not the direct maintenance partner (St. Louis City is) but we do supplement maintenance of the facility.

What is your overall impression of the project?

Project had an impact on our trail as there was a detour for some time, today the project has no impact on our operation.

What contacts have you had with representatives from FUSRAP?

At the end of the project we had contact with representatives, when coordinating the removal of the detour barriers.

What are your current concerns about the site?

We have no concerns about the site, however we have no information or data as to potential risks associated with the site. We only know what we know.

If applicable, what effects have site operations had on property owned by your organization?

The cleanup/mitigation efforts caused a re-route of our trail system so users were temporarily detoured around the work area.

Do you think site operations have had an effect on the community? If so, what are they?

We are not aware of any impacts to the community.

Have there been routine communications or activities conducted by your office at the FUSRAP site (site visits, inspections, reporting activities, etc.)?

If so, please give purpose and results.

Routing visual inspections by park operations, not exclusive to the site but the 13 miles of trail along the riverfront in general.

Have there been any complaints, or other incidents related to the site requiring a response by your office? If so, please give details.

No.

Do you currently have any unaddressed comments, suggestions, or recommendations regarding the site's management and operations?

No.

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Property Owner/Citizen #3

How are you familiar with the St. Louis FUSRAP sites? Yes – been aware for multiple decades

What is your overall impression of the project? My impression of the action taken on our HISS site has been completed with excellent communication, organization, with a good contracting firm and with a clear schedule with timely updates.

What contacts have you had with representatives from FUSRAP?

- 1) Josephine Wade COE
- 2) Tony Bryant – Shaw / APTIM

Were they responsive to your concerns?

Yes – Both responded all our past calls or emails. Very impressed working with Tony over the last ~10 years during the clean up process. Very accommodating to make sure that clean up process did not negatively impact the functions of our business.

Do you have any current concerns about the site? Some

If so, what are they? What do we as a property owner to with the remaining contamination that is under the buildings and around the perimeter of the building footings. We can probably never sell the property in the future. When we sell or wind down our businesses in the next 5-10 years – what do we do with the property.

What effects of the site operations had on your business/property? Our entire property was cleaned up over a 2+ year period of time. Our entire parking lot and trucking lanes were affected at some point. However, Shaw did a good job of accommodating our business and providing alternative options that kept things working. So while the clean up was definitely disruptive, the process was workable

Do you think site operations have had an effect on the community? Since our property is somewhat isolated, I am not sure how much the community is aware of our property and the process. If so, what are they?

Are you aware of the community concerns regarding site operations and administration? No
If so, please provide details.

Do you receive the FUSRAP Newsletter or attend any of the Public Meetings? We no longer get the Newsletter I guess since our property has been cleaned up, but we received it for years prior to that. I was very informative (even though we already had the notebooks outlining the plans and schedules.)

Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings? Nothing specific, it has been at least 2-4 years since we received the last newsletter.

Do you feel that FUSRAP has reached out to inform the community regarding the project operations?
Yes – between meetings and the newsletter and website – I think things were publicized adequately

Do you feel well informed about FUSRAP? I did during our clean up process

Do you have any suggestions for how information concerning the sites should be distributed to the community? I am not up to date with the present methods that currently being done. Are email campaigns being done?

Do you have any comments, suggestions, or recommendations regarding the site's operations or management? Keep up the present process – they were working during our process.

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Jeffrey Murl (DOE)

1. How are you familiar with the St. Louis FUSRAP sites?
I have been with DOE for 3 years and directly involved with St Louis Sites for 8 months. I have reviewed our historical documents and participated in site visits, annual meetings, and bimonthly calls.
2. What is your overall impression of the project?
I am impressed by the overall coordination between the USACE and property owners. This has led to opportunities to cleanup previously inaccessible soils and ultimately lowering the government's liabilities and long term costs. This also results in less effort for DOE to maintain the final remedy once the sites transfer, including less chance of having the USACE return to the site many years after transfer if inaccessible soils are exposed.
3. What contacts have you had with representatives from FUSRAP?
I have routine contact with FUSRAP representatives from site visits, annual meetings, and bimonthly calls. I feel like I can ask questions any time and get a prompt response.
4. What are your current concerns about the site?
DOE-LM is concerned that status of the FUSRAP cleanup is not being documented within city/county databases, i.e., the final status survey for each parcel is not recorded with the property deed. This would ensure property owners are informed about FUSRAP activities on the property regardless of future ownership. It would extinguish potential tort claims against the government by documenting UU/UE or LUC restrictions as private property owners sell and/or subdivide a property in the future.
5. If applicable, what effects have site operations had on property owned by your organization?
N/A
6. Do you think site operations have had an effect on the community? If so, what are they?
USACE coordinates activities with property owners and local governments to ensure that site operations have minimal effects. Without such communication, I can envision mass hysteria from owners not understanding the true risks.
7. Have there been routine communications or activities conducted by your office at the FUSRAP site (site visits, inspections, reporting activities, etc.)? If so, please give purpose and results.
DOE LM routinely participated in site visits, annual meetings, and bimonthly calls.
8. Have there been any complaints, or other incidents related to the site requiring a response by your office? If so, please give details.
No
9. Do you currently have any unaddressed comments, suggestions, or recommendations regarding the site's management and operations?

USACE should investigate recording the final status survey for each parcel with the city/county so that it runs with the property deed.

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Mark Nankivil (St. Louis Water Division)

How are you familiar with the St. Louis FUSRAP sites?

Our only location which we have had involvement in is the Mallinckrodt/Tyco site, specifically Destrehan Street from Hall to the east. WE had earlier involvement along Angelrodt but I beleive that was previous to this 5 year review.

What is your overall impression of the project?

Our involvement has been pretty basic and straightforward. The contractors and those overseeing the work have been professional and easy to work with.

What contacts have you had with representatives from FUSRAP?
Were they responsive to your concerns?

Our interaction has been at planning sessions prior to work being done and has been professional and quite satisfactory. Good people to work with.

Do you have any current concerns about the site?
If so, what are they?

None.

What effects of the site operations had on your business/property?
Nothing directly on a day to day basis. Long term issues regarding our underground facilities in the site are being addressed by the work that is ongoing.

Do you think site operations have had an effect on the community?
If so, what are they?

This is a rather isolated site/location and well away from residential housing. Other than with Mallinckrodt/Tyco employees and operations, any impact should be minimal to nonexistent.

Are you aware of the community concerns regarding site operations and administration?
If so, please provide details.

I am not directly aware of any community concerns.

Do you receive the FUSRAP Newsletter or attend any of the Public Meetings?

I have not.

Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings?

None.

Do you feel that FUSRAP has reached out to inform the community regarding the project operations?

Don't have any opinion or input on this.

Do you feel well informed about FUSRAP?

I do when it concerns Water Division facilities in the site.

Do you have any suggestions for how information concerning the sites should be distributed to the community?

None.

Do you have any comments, suggestions, or recommendations regarding the site's operations or management?

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Rebecca Roberts (Navarro/DOE contractor)

1. How are you familiar with the St. Louis FUSRAP sites?
I have worked on FUSRAP for approximately 15 years, nearly 10 of those were with the USACE verification contractor. Now, as a contractor for the Department of Energy (DOE) Office of Legacy Management (LM), our team will be responsible for the long-term stewardship of the St. Louis FUSRAP sites they transfer from USACE to LM.
2. What is your overall impression of the project?
The project managers at USACE have increased coordination with property owners and local government agencies to perform additional remediation and/or investigation as required to ensure that the amount of inaccessible soils remaining in place will be minimized prior to transfer to LM. These efforts show commitment to completion of the project with dedication to protection of human health and the environment.
3. What contacts have you had with representatives from FUSRAP?
As a contractor for LM, we have routine contact with FUSRAP representatives. The USACE FUSRAP program and project managers have been responsive to questions posed to them about the sites as well as to allowing LM representatives visit the sites as requested.
4. What are your current concerns about the site?
As the long-term steward of the FUSRAP sites, LM is concerned that status of the FUSRAP cleanup is not being documented within city/county databases, i.e., the final status survey for each parcel is not recorded with the property deed. This would ensure future property owners are not only informed about FUSRAP but also understand if there are any limitations to the use of their property.
5. If applicable, what effects have site operations had on property owned by your organization?
N/A
6. Do you think site operations have had an effect on the community? If so, what are they?
USACE coordinates activities with property owners and local governments to ensure that site operations have minimal effects.
7. Have there been routine communications or activities conducted by your office at the FUSRAP site (site visits, inspections, reporting activities, etc.)? If so, please give purpose and results.
LM routinely communicates with the USACE, attends USACE FUSRAP public meetings and performs annual site visits.
8. Have there been any complaints, or other incidents related to the site requiring a response by your office? If so, please give details.
No

9. Do you currently have any unaddressed comments, suggestions, or recommendations regarding the site's management and operations?
USACE should investigate recording the final status survey for each parcel with the city/county so that it runs with the property.

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Property Owner/Citizen #4

1. How are you familiar with the St. Louis FUSRAP sites?
Highly familiar with the St. Louis Airport site. Others a passing interest.
2. What is your overall impression of the project?
Professionally run; capable staff; project absolutely essential to public perception of health and safety
3. What contacts have you had with representatives from FUSRAP? Were they responsive to your concerns?
Interaction occurs near annually or more depending on need. FUSRAP reps have always been responsive to concerns. They display a willingness to find compromise on issues, but always remain focused on the program objective.
4. Do you have any current concerns about the site? If so, what are they?
None
5. What effects of the site operations had on your business/property?
No impact on aviation activity. Loss of potential revenue generation, but viewed as inconsequential when compared to value provided the general public.
6. Do you think site operations have had an effect on the community? If so, what are they?
Positive effect: the program is a clear display of commitment to public health and welfare.
Negative effect: a stigma – if the government allowed radioactive contamination to be readily scattered in the St. Louis region, what else awaits to be discovered.
7. Are you aware of the community concerns regarding site operations and administration?
If so, please provide details.
 - Long term community health risks due to prolonged exposure
 - Safety/security of contaminated product during transport to SLAPS
 - Future funding commitment for program completion
8. Do you receive the FUSRAP Newsletter or attend any of the Public Meetings?
Newsletter received. Attendance at public meetings is nominal.
9. Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings?
Discussion of safety features during product transport. Discussion about disposition of product at the disposal site.

10. Do you feel that FUSRAP has reached out to inform the community regarding the project operations?

The community involvement plan identifies fifteen (15) action activities that are in effect. The USACE convenes biannual public meetings/biannual newsletters/routine website updates. The program is achieving outreach.

11. Do you feel well informed about FUSRAP?

There is sufficient information available to make rational judgements and decisions.

12. Do you have any suggestions for how information concerning the sites should be distributed to the community?

None

13. Do you have any comments, suggestions, or recommendations regarding the site's operations or management?

None

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Property Owner/Citizen #5

1. How are you familiar with the St. Louis FUSRAP sites?
Founding member of the Coldwater Creek Group
2. What is your overall impression of the project?
Very pleased with the cleanup activities
3. What contacts have you had with representatives from FUSRAP?
Close contact through email and phone with Jo Anne Wade, Bruce Munholand over the past several years. Brief phone conversation with Scott Ross once.
4. Were they responsive to your concerns?
Bruce and Jo Anne have always been very responsive and helpful. However, we are very disappointed in the lack of communication from Scott Ross, and the disregard for several concerns that we brought forth to him as a group.
5. Do you have any current concerns about the site?
Yes
If so, what are they?
Biggest concern is lack of testing in the tributaries, which we believe may have been contaminated from past flooding. We fear that contamination may now be "land locked in several of these tributaries due to past MSD projects.
6. What effects of the site operations had on your business/property?
None
7. Do you think site operations have had an effect on the community? If so, what are they?
I believe that remediation is having an overall positive effect on the community
8. Are you aware of the community concerns regarding site operations and administration?
Yes
If so, please provide details.
Many residents do not understand the construction / testing process or that annual testing is limited based on project funding. As a group, we have tried to help educate the community, with some progress... unfortunately, there are many who are unwilling to listen to factual information
9. Do you receive the FUSRAP Newsletter or attend any of the Public Meetings?
Yes, both when I can make it into town.

10. Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings?

The biggest question we get from folks regarding FUSRAP are requests for updates on testing. Many folks only skim the newsletter, at best. It might be helpful to include a visual color coded picture of remediation activities along the creek in the newsletter or website that categorizes the various stages of the project (completed, current remediation, future remediation). It doesn't have to be too detailed, just something simple ... such as an AutoCAD layer over an imported map of the creek

11. Do you feel that FUSRAP has reached out to inform the community regarding the project operations?

I believe that FUSRAP does their best to inform the community during their semi-annual meetings. But beyond that, there has not been much community outreach. Given the volatile/emotional nature of the topic, and the incidents with public officials at past meetings, I believe that this is an acceptable public response. It would be nice to see an improved open line of communication between FUSRAP public relations and the oversight committee. I am not sure how frequently FUSRAP meets with city officials, but hopefully they receive a regular face to face update on ongoing activities.

12. Do you feel well informed about FUSRAP?

Yes

13. Do you have any suggestions for how information concerning the sites should be distributed to the community?

It is not easy to sign up for the newsletter. Is there a way to incorporate a form on your homepage where community members can sign up? Perhaps a monthly Q&A post on the Army Corps of Engineers facebook page? One comment we often receive from our community members when we direct them to your site is that they are not receiving call backs for their concerns. I imagine that there are times when FUSRAP receives a high volume of calls (especially after any news/ press releases)... this may be alleviated through more effective online communication with residents.

14. Do you have any comments, suggestions, or recommendations regarding the site's operations or management?

I think that overall, FUSRAP is doing a great job! Thank you for all that you have done to improve the overall wellbeing of the community. I would really like to see testing of some of the main tributaries and potentially a few areas where we know the creek was rerouted during subdivision construction and creek sediment was used in landscaping (ie., Wedgewood, Shoveltown, and Paddock Estates)

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Property Owner/Citizen #6

1. How are you familiar with the St. Louis FUSRAP sites?
I lived for 27 years in the SLAPS/HISS/Coldwater Creek/North County area, and am very familiar with the FUSRAP activity pertaining to this vicinity.
2. What is your overall impression of the project?
Overall, I am very satisfied with the level of scientific methodology/support and the FUSRAP North County STL team members themselves. I am pleased they take time to listen to community concerns and patiently answer questions. They return phone calls, emails, etc., and are easy to converse with about both technical and human-impact issues concerning the project.
3. What contacts have you had with representatives from FUSRAP? Were they responsive to your concerns?
I have spoken frequently with JoAnne Wade, Bruce Munholand, Angela Bonstead, former public relations personnel Amanda Kruse and Mike Petersen, and Jonathan Rankins. Yes, all individuals listed above were very responsive to my concerns and I commend them for a job very well done. Unfortunately, I did not experience the same professionalism from Scott Ross in public relations and was quite disappointed in his lack of communication and respect to the affected SLAPS/HISS/Coldwater Creek community.
4. Do you have any current concerns about the site? If so, what are they?
Yes, I have remaining concerns (but am thrilled with FUSRAP listening and acting on other concerns I raised with Sharon Cotner (*former FUSRAP North County sites Project Manager*) in 2012/2013 before FUSRAP planned to extensively test north of Highway 270). Remaining big concerns:
 - Despite what the Coldwater Creek watershed historical flooding data suggests (unsure of the former flood source data at this moment), myself and thousands of other present and former community members clearly remember creek flooding events where the creek flowed “backward” up several tributaries and flowed up into hundreds (or more) of local residential basements. In addition, during these flooding events water flooded external properties of some homes. (Some homes had both external and internal flooding, other homes had only internal basement flooding from the then-connected sewer and Coldwater Creek system which was later corrected with a federal multi-several hundred-million-dollar project authorized by U.S. Congress pushed by Lacey Clay Sr. in the 1990s. Note USACE did not participate in this project despite requests for their expertise due to their concern about the presence of radionuclides due to the nuclear weapons waste). These properties are not currently planned for contaminants of concern testing to my knowledge. Please know we

citizens have located numerous news articles and photos in old community newspapers supporting our reporting of the creek's extensive flooding. FUSRAP should consider the 50-year flood plain data instead of the 10-year flood plain data. The failure to consider the height of flooding history (before the above-referenced project occurred and corrected the flooding problems in order for the more recent flooding to not be as extensive) is extremely concerning to community members, as this extensive flooding occurred during the period of higher risk of possible exposure to contaminants of concern as found by the ATSDR in their Public Health Assessment finalized in 2018.

- We have federal US Govt satellite photos of the area from 1958 onward. One can easily see the massive amount of soil movement in the areas contiguous to the original creek path throughout the period of highest risk for possible exposure to contaminants of concern as recently reported by the ATSDR's Public Health Assessment finalized in 2018. Former builders and developers in the area report they filled dump trucks of the soil/sediment of Coldwater Creek (when the contaminants were flowing freely) as it was believed to be very fertile soil...and they deposited this soil to backfill homes in a few Florissant and Hazelwood subdivisions as well as other specified locations. Why is FUSRAP not testing these areas when the builder has specifically described where he knew the contaminated soil was moved to (unbeknownst at that time to contain anything dangerous)?
- The St. Louis Metropolitan Sewer District (MSD) was heavily involved in the Flooding Control project beginning in the 1990s mentioned above authorized by U.S. Congress as during the period of highest possibility of inhalation of contaminants of concern (per ATSDR) the sewer system was interlaced with Coldwater Creek. In looking at satellite images from the U.S. Govt immediately before and after the project, one can see the extensive movement and removal of large areas of soil/sediment in the creek, the creek banks, and creek contiguous properties. Metropolitan Sewer District oversaw much of this work with soil we know contained the contaminants of concern (per the Bruce Drive report and 1987/88 thorium 230 elevated report along the entire corridor of Coldwater Creek...citizens have copies of these reports). This quasi-governmental organization has failed to comply with FUSRAP requests for information. FUSRAP thus is unable to locate where these thousands of contaminated soil tons were moved during this project (FUSRAP did not opt to participate in due to their radionuclide presence concerns). It is my firm opinion this issue be elevated in order for MSD to comply and properly provide any records on this soil movement, especially as the ATSDR has reported the increased likelihood of developing cancer from exposure to the contaminants of concern in their PHA finalized in 2018.

5. What effects of the site operations had on your business/property?

None

6. Do you think site operations have had an effect on the community?

Yes

7. If so, what are they?

Some people were dubious of the operations due to the nature of what was allowed to occur in this community (regarding contaminants of concern) from 1947 until remediation began in the late 1990s. At this time, it seems most residents realize the remediation is a positive boost to their area (but only if the contaminants of concern are tracked down and removed from unaddressed areas in the Original Record of Decision workplan and scope....created before all of the flooding, soil movement, and creek/sewer reconfiguration projects were fully known and/or considered in the testing methodology).

8. Are you aware of the community concerns regarding site operations and administration? If so, please provide details.
No concerns to my knowledge at this moment. I have asked many questions over the years (I am a former auditor), and am very satisfied with the site operations.
9. Do you receive the FUSRAP Newsletter or attend any of the Public Meetings?
Yes-both.
10. Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings?
Please continue to provide detailed information on recent testing, recent remediation efforts in process, recent remediation efforts completed, etc.
11. Do you feel that FUSRAP has reached out to inform the community regarding the project operations?
Yes; however, I am disappointed media and local municipalities have not taken a more active role in communicating to the community when FUSRAP meetings take place, etc.
12. Do you feel well informed about FUSRAP?
Yes.
13. Do you have any suggestions for how information concerning the sites should be distributed to the community?
I am certain this is a sensitive topic due to budgetary constraints. Perhaps social media announcements (where comments are disabled), pamphlets for distribution at city offices, local announcement boards at places like Panera, and distribution to local houses of worship for inclusion in their weekly community bulletins to their members, and emails sent to all of the email addresses gathered over the years at meetings, etc.
14. Do you have any comments, suggestions, or recommendations regarding the site's operations or management?
I commend the dedicated FUSRAP employees I mentioned earlier. They carry out their mission and tasks well, and have built a level of trust with myself and many in the community who have had a difficult walk with health issues and deaths of loved ones possibly linked to the contaminants of concern exposure mentioned by the ATSDR in their finalized Public Health Assessment related to the materials FUSRAP is removing and areas being remediated. Very impressed with these individuals...I heartily thank them and wish them well for their service and devotion to this most important project!

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Matt Zimmerman (Manager, City of Hazelwood)

1. How are you familiar with the St. Louis FUSRAP sites?
Somewhat in Hazelwood. Very little in other communities.
2. What is your overall impression of the project?
It is a critically needed project to clean up dangerous soil and water in North County. I believe the Corp is taking all of the proper testing and remediation efforts as required.
3. What contacts have you had with representatives from FUSRAP?
I have met with the project coordinators, including Joann Wade, Jacob Prebianca, and Bruce Munholand. City staff, including myself, has met with the public affairs program managers, including Andrea Wales, to host community outreach and informational meetings. I have met with the Colonel for the St. Louis District at the informational meetings.
4. What are your current concerns about the site?
There are still hotspots in Hazelwood that I would like to see cleaned up. Also, the creek bed and sides are still not remediated.
5. If applicable, what effects have site operations had on property owned by your organization?
One City park had to be closed for several months. Several City streets were impacted by trucks removing material. But overall the impact has been minimal.
6. Do you think site operations have had an effect on the community? If so, what are they?
Some homes were affected on Palm Dr. as backyards were remediated. The City fully closed one park during remediation. Otherwise, the biggest impact was psychological as many residents expressed concerns about the impact of the radioactive materials on their health as well as the safety of the remediation plans. I am glad the ATSFd started attending meetings to discuss long-term health impacts from the original storage of radioactive materials. That seemed to help address a lot of the concerns.
7. Have there been routine communications or activities conducted by your office at the FUSRAP site (site visits, inspections, reporting activities, etc.)?
If so, please give purpose and results.
City crews inspected the restoration of grounds following completion of the remediation. The City was pleased with the restoration efforts.
8. Have there been any complaints, or other incidents related to the site requiring a response by your office? If so, please give details.
Residents on the east side of Coldwater Creek were blocked from crossing the bridge over the creek and into St. Cin Park during remediation. This caused a hardship as residents had to walk up to an extra mile during the closure. Also, the concerns expressed by residents as described in Question 6, which had a significant impact on the City's response during remediation. Otherwise, no other complaints or concerns were expressed.

9. Do you currently have any unaddressed comments, suggestions, or recommendations regarding the site's management and operations?
No.

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Property Owner/Citizen #7

1. How are you familiar with the St. Louis FUSRAP sites?
I am quite familiar with the FUSRAP sites since I followed the FUSRAP efforts as a representative of the St. Louis County Public Health Department for ~18 years prior to my retirement in 2016.
2. What is your overall impression of the project?
The main drawback to progress seems to continually be funding.
3. What contacts have you had with representatives from FUSRAP? Were they responsive to your concerns?
In the 'early years', I regularly attended the FUSRAP Oversight Committee meetings and staff were responsive and transparent. Since 2016, I haven't kept up with the project.
4. Do you have any current concerns about the site? If so, what are they?
My only concern was (is) the lack of funding which has delayed project completion.
5. What effects of the site operations had on your business/property?
N/A
6. Do you think site operations have had an effect on the community? If so, what are they?
Community members seem to be greatly concerned about exposure during their youth while growing up around (and playing in) Coldwater Creek. I believe that FUSRAP is trying to address those concerns in the only way that FUSRAP can – by characterizing and delineating the extent of contamination at this time and remediating it.
7. Are you aware of the community concerns regarding site operations and administration? If so, please provide details.
See response to 6th question above.
8. Do you receive the FUSRAP Newsletter or attend any of the Public Meetings?
I receive (and read) the FUSRAP Newsletter but I no longer attend Public Meetings.
9. Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings?
Not at this time.
10. Do you feel that FUSRAP has reached out to inform the community regarding the project operations?
I can't speak about current efforts but I do believe that FUSRAP did inform the community when I was more involved.
11. Do you feel well informed about FUSRAP?
I believe that I am (was) informed as much as I could have been.

12. Do you have any suggestions for how information concerning the sites should be distributed to the community?

No further suggestions.

13. Do you have any comments, suggestions, or recommendations regarding the site's operations or management?

Not at this time.

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Property Owner/Citizen #8

1. How are you familiar with the St. Louis FUSRAP sites?
As a former resident, I grew up along Coldwater Creek. I became aware of the FUSRAP sites in 2011.
2. What is your overall impression of the project?
I have many mixed feelings on the project. While I am thankful for clean up activities, I wish the project could move faster.
3. What contacts have you had with representatives from FUSRAP? Were they responsive to your concerns?
I have had many contacts with FUSRAP representatives through the years. In the beginning of my involvement (2011) FUSRAP, as well as other agencies, were not very responsive. This changed over time when contamination was found in residential areas. FUSRAP became much more responsive to community concerns when it was discovered contamination was present in residential areas and the clean up program was expanded to include the entire length of the creek. Over the past year or so; however, there has been some changing of the guard and communication between FUSRAP and the community has not been as open as it has been in the past; specifically with the FUSRAP PR department. Thankfully, there are other FUSRAP team members I can call that are very responsive to community questions/concerns.
4. Do you have any current concerns about the site? If so, what are they?
My main concern at this time is testing of the tributaries of Coldwater Creek. Unlike the main channel that washes out to the river, the tributaries dead end. I believe there is potential for contamination to be present in the tributaries and I would like the tributaries to be tested. I am hopeful that funding will become available to expand testing to tributaries in the future.
5. What effects of the site operations had on your business/property?
As a former resident that grew up along Coldwater Creek and spent much of my childhood playing in the creek; effects are more health related than business/property related.
6. Do you think site operations have had an effect on the community? If so, what are they?
Effects of the site for people who lived/grew up here during time of maximum exposure are immense. The exposure to nuclear weapons waste that sat out in the open next to the creek for decades has impacted the health of generations of community members. Countless loved ones have been taken from their friends and family too soon. I believe current site operations, although necessary, do have an impact on the community. When people in the community have lost so much, it's not a very comforting sight when we see you all in your moon suits.

7. Are you aware of the community concerns regarding site operations and administration? If so, please provide details.

Yes. I am an admin for the Facebook group Coldwater Creek Just the Facts. Many community concerns are posted daily to our facebook.

8. Do you receive the FUSRAP Newsletter or attend any of the Public Meetings?

Yes.

9. Is there any information or topics you think would be helpful to cover in the newsletter or at the public meetings?

I know this has been covered several times but I think it is important to regularly cover the soil testing/grid sampling process. Outsiders and “independent scientists” have descended upon the community offering such things as sticking a geiger counter in people’s soil for the low price of \$1200. Unfortunately, as with any tragedy, there are people looking to take advantage of others in this situation. I believe if people understand the process they are less likely to be taken advantage of by outsiders looking to make a buck.

10. Do you feel that FUSRAP has reached out to inform the community regarding the project operations?

For several years FUSRAP has reached out to inform the community and it has been satisfactory. When Mike Petersen and Amanda Kruse were with the FUSRAP St. Louis office, communication between FUSRAP and the community was at a very high point. It actually exceeded my expectations. Since their departure, communication has come to a screeching halt. About a year ago, a FUSRAP representative took part in a stunt, in which there was a lot of Creek community bashing. It was unwarranted, unprofessional and so far removed from the level of service I have come to expect from USACE. Unfortunately, I believe the relationship with this particular department of FUSRAP is beyond repair in its current state. I am hopeful this can be rectified in the future.

11. Do you feel well informed about FUSRAP?

Yes.

12. Do you have any suggestions for how information concerning the sites should be distributed to the community?

I am not sure if there is anything beyond distributing newsletters, keeping the website up-to-date and holding regular meetings that can be done.

13. Do you have any comments, suggestions, or recommendations regarding the site’s operations or management?

Please find a way to test the tributaries.