

Tri-Party Agreement Agencies 2018 Hanford Public Involvement Summary



**U.S. Department of Energy
U.S. Environmental Protection Agency
Washington State Department of Ecology**



The Tri-Party Agreement sets milestones for cleanup at the Hanford Site. The three parties are the US Dept. of Energy, the US Environmental Protection Agency, and the Washington State Dept. of Ecology.

History of the Annual Tri-Party Agency Public Involvement Survey

The TPA agencies have conducted a Hanford Public Involvement Survey annually since the early 2000s.

In early years, paper surveys were handed out at winter and spring meetings asking about the prior year. Some years we had fewer than two-dozen responses! Responses were hand written, so even though the response wasn't huge, tallying results was difficult.

We began offering the electronic survey through Survey Monkey in 2012.

TPA Public Involvement Survey 2005
Please take a few minutes to answer some questions about our outreach efforts over the last year.

1 Are you on any Hanford mailing or email lists?
Mailing list: _____ email: _____

2 How do you generally find out about public meetings?
Newspaper _____ Radio _____ Hanford List-serve _____ Stakeholder Outreach _____ Other (list) _____

3 Do you notice ads in the paper about Hanford Public Involvement opportunities?
Yes _____ No _____ Don't Know _____

4 Do you think that notices usually provide...
Little information _____ Enough information _____ Too much information _____

5 Did the notices motivate you to attend a meeting or to contact the Tri-Parties about an issue?
Yes _____ No _____

If you attended any public meeting(s), focus group(s) or other meeting(s) please rate the following - scale of 1 to 5 (5 being the highest):

6 The time, location, and room setup were appropriate.

1	2	3	4	5
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7 The written materials provided at the meeting(s) were informative and easy to understand.

1	2	3	4	5
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8 The audio/visuals (overheads, slides, videos) were informative and easy to understand.

1	2	3	4	5
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9 Other than this public involvement report, did you provide any ideas to the Tri-Parties on issues during this reporting period? Yes _____ No _____ Please explain.

10 During the last year, were there Hanford issues you think the Tri-Parties handled especially well or issues that could have been handled better? Please explain.

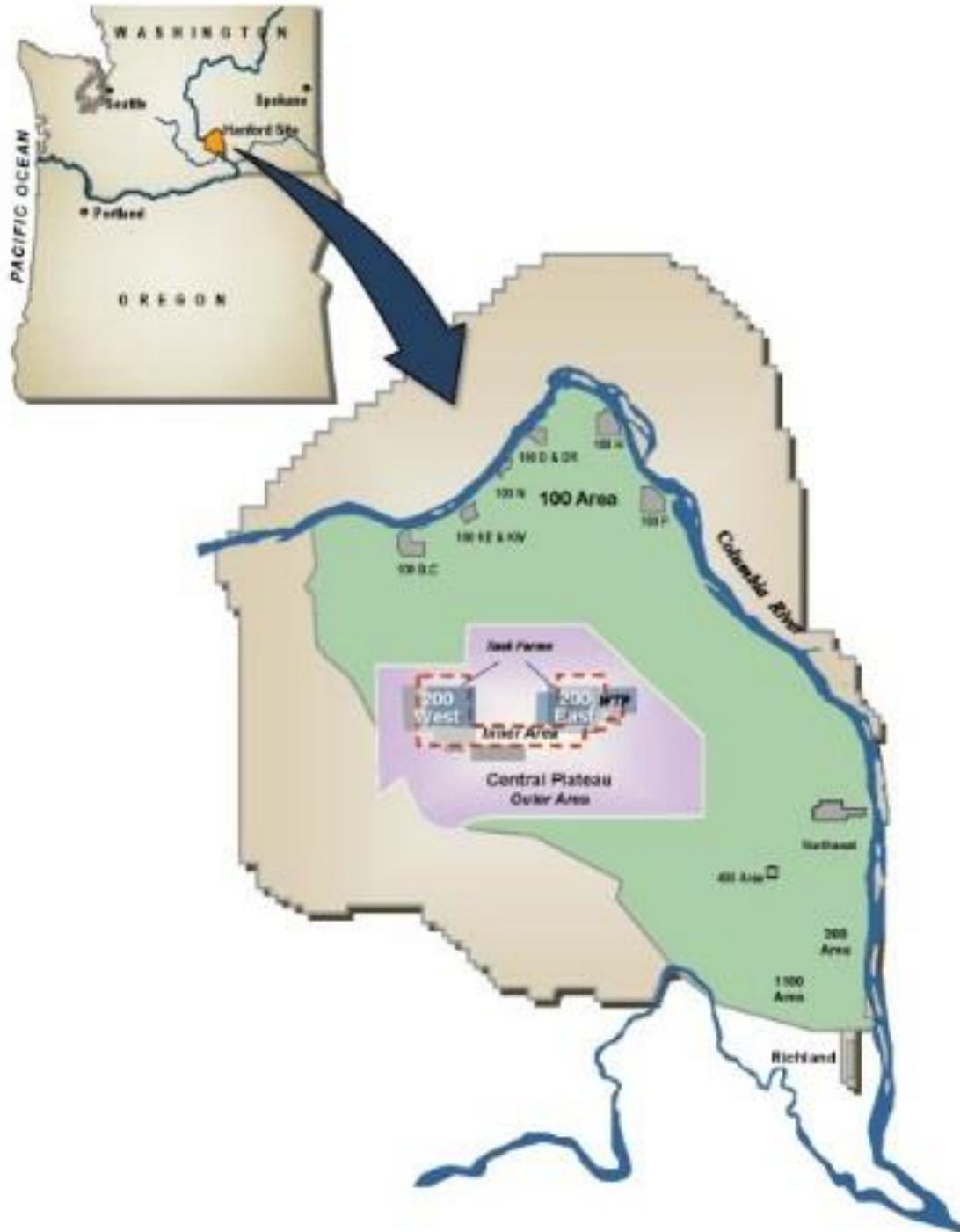
11 Do you have any suggestions for improving Tri-Party Agreement public information and involvement?

Reporting for time period	January 2005 -November 2005
Your Name (optional)	
Address (optional)	
Phone Number(s) (optional)	home
Email Address (optional)	work

Thanks for taking the time to complete this survey. The public involvement staff will use the information gathered to improve our efforts where needed.

The Hanford Site is a 586-square-mile site in southeastern Washington created in 1943 as part of the Manhattan Project to produce plutonium for nuclear weapons. More than 40 years of plutonium production led to hundreds of square miles of contaminated soil and groundwater, resulting in one of the nation's largest and most complex sites. Today, waste management and environmental cleanup are the main missions at the Hanford Site.

Public involvement is needed for cleanup decisions that will impact us today and future generations.



Introduction

The Tri-Party Agreement (TPA) agencies – U.S. Department of Energy, U.S. Environmental Protection Agency, and the Washington State Department of Ecology – work together on cleanup of the Hanford Site. The weapons material production mission that started with the Manhattan Project, ended in the late 1980s. More than 40 years of plutonium production led to hundreds of square miles of contaminated soil and groundwater, resulting in one of the nation's largest and most complex sites. Today, waste management and environmental cleanup are the main missions at the Hanford Site. The public has opportunities to participate in Hanford cleanup decisions.

The TPA agencies' goals for public involvement are to:

- Engage the public by providing timely, accurate, understandable and accessible information.
- Ensure open and transparent decision-making.
- Consider public values when making decisions.
- Provide educational forums to enable informed engagement and participation.

The TPA agencies strive to accomplish the following as part of public involvement planning:

- Include public input when designing documents and planning public meetings.
- Publish advertisements and advance meeting notices that are easily understood.
- Develop creative and innovative ways to communicate information.
- Ensure meeting locations are convenient, easily accessible, and cost effective.
- Provide speakers who can communicate clearly and concisely and are sensitive to different views and opinions.
- Provide decision-makers comments so they can consider them in the decision making process.
- Provide timely feedback after public involvement activities.
- Work with individuals and organizations to identify public information needs.

The TPA agencies conduct a variety of public involvement activities, which include public meetings, workshops, public comment periods, and informal feedback periods. In order to evaluate these activities against the goals listed above, the TPA agencies conduct an annual survey. This year's survey was available to the public online from February 25, 2019 through April 1, 2019. A message was sent to the Hanford email list inviting people take the survey, and it was also shared via the agencies' websites and social media accounts.

Overview

There were 55 participants, with only 51 completing the entire survey. That is a significant drop from last year's survey which had 119 responses. When asked if they represented a particular group, about half of participants self-identified as general public with members of interest groups as the next largest group at about 19 percent.

Lessons Learned

Public input helps the TPA agencies evaluate opportunities for continuous improvement in public involvement. The feedback received during the 2018 Annual TPA Public Involvement Survey helped identify the following information:

- When asked how people get information about 54 percent indicated they rely on direct email announcements from the TPA agencies, a slight increase over last year. About 43 percent rely on agency websites and social media. When actively seeking information about Hanford about 60 percent go straight to Hanford.gov. The Dept. of Ecology's website, interest group websites or social media, and the media were sought out an equal amount by 53 percent of participants.
 - **Planned Action:** *The TPA agencies will continue to look for ways to improve the our website and social media sites to provide up-to-date and accurate information to the public.*
- Most respondents, 60 percent, felt they received adequate notice about upcoming involvement opportunities. They continue to prefer to receive information at least three to four weeks in advance. The goal of the TPA agencies is to provide at least 30 days' notice on upcoming activities. We will continue to strive to meet that commitment.
 - **Planned Action:** *The TPA agencies will continue to issue pre-notices that describe upcoming public involvement events 30 to 45 days in advance, as well as a detailed notice the start of a public comment period or prior to a public meeting. The TPA agencies all issue these notices using the listserv (email), so we will continue to encourage the public wanting to updated to sign up on the Hanford listserv.*
- With regard to the notices from the TPA agencies, 45 percent found the information "generally helpful in understanding the topic," a decrease from half, but 28 percent noted that it depended on the source, and 26 percent felt notices were not helpful. The latter is an increase in dissatisfaction of 14 percent.
 - **Planned Action:** *The TPA agencies clearly must do a better job of ensuring that notices have sufficient background information, use plain language, helpful graphics, and other characteristics that provide helpful documents that allow the public to be fully involved in Hanford cleanup.*

Continued next page.

Lessons Learned continued

- About 35 percent of respondents said they attended a Hanford-related or other event hosted by a TPA agency in 2018, however, with such a dramatic decrease in respondents that may not be an indicator of more attendance overall. Another 25 percent indicated they'd attended a Hanford-related event hosted by an interest group. The top two reasons listed for not attending any Hanford-related events were that the location and/or the time didn't work. Many people expressed frustration with the lack of meetings around the region.
 - **Planned Action:** *The TPA agencies will continue to work with Hanford stakeholders and the public to try to schedule meeting times and places that are convenient for most people. The agencies have committed to have at least one regional meeting per year.*
- Fewer than 18 percent of respondents reported feeling their "...input helps influence Hanford cleanup decisions" a slight increase from the prior year. The bulk of respondents disagreed or strongly disagreed with that statement. TPA agencies need to do a better job of communicating how public input affects cleanup decisions, and explain if, and why, there are times when it doesn't.
 - **Planned Action:** *TPA agencies need to do a better job of communicating how public input affects cleanup decisions, and explain if, and why, there are times when it doesn't. Further, the TPA agencies are working on an online tool that will identify items, which went out for public comment, and provide a link to the response to those comments so commenters can see how their input was used. The agencies are also considering providing regular updates when a final decision is delayed so that commenters are aware of the delay.*
- Most, 59 percent, said they would be "likely" or "very likely" to participate in a webinar on a Hanford topic (though 10 percent skipped the question). However in written comments, many people expressed concerned about whether there could be real engagement in a webinar setting, and some are concerned about accessibility (e.g. unfamiliar with technology).
 - **Planned Action:** *The TPA agencies will look for topic-specific items that would be conducive to a webinar delivery where the main goal is to share information and promote understanding of a topic. We are hopeful that if done well, webinars offer a way to increase overall participation in Hanford meetings for those who are unable to attend in person due to the time or location.*
- Despite ongoing frustration with TPA meetings and materials, about 90 percent of respondents indicated they plan to participate in future Hanford-related activities.
 - **Planned Action:** *The TPA agencies will continue to work with Hanford stakeholders to plan future Hanford-related activities.*

Conclusion

While the Annual TPA Public Involvement Survey saw a significant decrease in participation from the prior year, the TPA agencies are committed to doing a better job to engage the public.

The TPA agencies look forward to implementing the lessons learned from this evaluation and will continue to identify ways to improve public involvement at Hanford. For more information, email hanford@ecy.wa.gov.

Summary results of the Annual Public Involvement Survey

The top responses to each question are provided in the following section.

To see the raw data, including all the comments, see Appendix A.



Public involvement includes education and outreach by agency staff and contractors at public events such as the annual Celebration of Science.

Summary results of the Annual Public Involvement Survey for 2018

The top responses to each question are provided in the following section.

NOTE: Many questions invited respondents to 'choose all that apply', so totals may equal more than 100 percent.

To see the full results of the survey, including all the comments, see Appendix A, beginning on page 11.

Question 1: Do you receive information about Hanford from any of the following?

Email (Hanford Listserv)	54%
Interest group communications	50%
Mass media (Newspaper, radio, TV)	43%

Question 2: Where do you go for information about Hanford?

Hanford.gov website	60%
Department of Ecology	53%
Interest group website	53%
Mass Media	53%

Question 3: Which group do you represent?

General public	49%
Interest group member	19%
Hanford Workforce	8%
State Government	8%
Advisory Board	8%

Question 4: Do you usually receive adequate notice about upcoming Hanford public involvement activities?

Yes	60%
No	40%

Question 5: How far in advance do you prefer to be notified about upcoming Hanford public involvement activities?

3-4 weeks	44%
2 weeks	26%
More than 4 weeks	20 %

Question 6: Are notices from the Tri-Party Agreement (TPA) agencies generally helpful in understanding the topic?

Yes	45%
It depends on the source and topic	28%
No	26%

Summary results of the Annual Public Involvement Survey

Question 7 & 8: Did you attend a Hanford-related meeting or other event hosted by a Tri-Party Agreement agency in 2018? NOTE – question inadvertently included twice.

No	65%
Yes	35%

Question 9: Did you attend any Hanford-related meetings or activities in 2018? (e.g. hosted by an interest group)

No	75%
Yes	25%

Question 10: If you did not attend a Hanford-related meeting in 2018, please tell us why.

The location didn't work for me	63%
The time didn't work for me	52%
I wasn't aware of any meetings	11%
I wasn't interested in the topic	11%

Question 11: In which location are you most likely to attend a public meeting/workshop or other Hanford-related activity?

Richland (Tri-Cities)	42%
Seattle	27%
Portland	21%

Question 12: How would you rate the locations of the events you attended? (For example, hotel, library, etc.)

I have not attended a meeting	36%
Good	33%
Average	20%

Question 13: How would you rate the TPA agencies' presentations at the events you attended?

I have not seen a presentation	33%
Good	24%
Average	20%

Question 14: How would you rate the discussion with TPA agency representatives at the events you attended?

Average	34%
Don't recall	18%
Good	16%

Summary results of the Annual Public Involvement Survey

Question 15: If you provided public comment during a public comment period, were you notified when responses to comments were available?

Not applicable	50%
Yes, by email	25%
No, I was not notified	21%

Question 16: How would you answer the following statement: “I believe my input helps influence Hanford cleanup decisions.”

Strongly disagree	31%
Neutral	27%
Disagree	24%

Question 17: Do you plan to participate in future activities on Hanford topics?

Yes	90%
No	10%

Question 18: Would you participate in a webinar or other online forum on Hanford topics?

Likely	45%
Undecided	25%
Very likely	14%

Question 19: Which Hanford topics would you most want to discuss or learn about in a public forum?

Hanford budget & cleanup priorities	20%
Underground storage tanks	17%
Waste Treatment and Immobilization Plant (WTP/VIT)	17%
General cleanup progress & challenges	13%
Groundwater contamination and treatment	13%

Question 20: Would you be interested in hosting a Hanford speaker from the TPA agencies for your group, classroom, or event?

No, thank you	100%
Yes, please contact me	0%

Question 21: Would you like to join the TPA agency email list to receive information about Hanford?

I am already on the list	61%
Yes	22%
No, thank you	18%

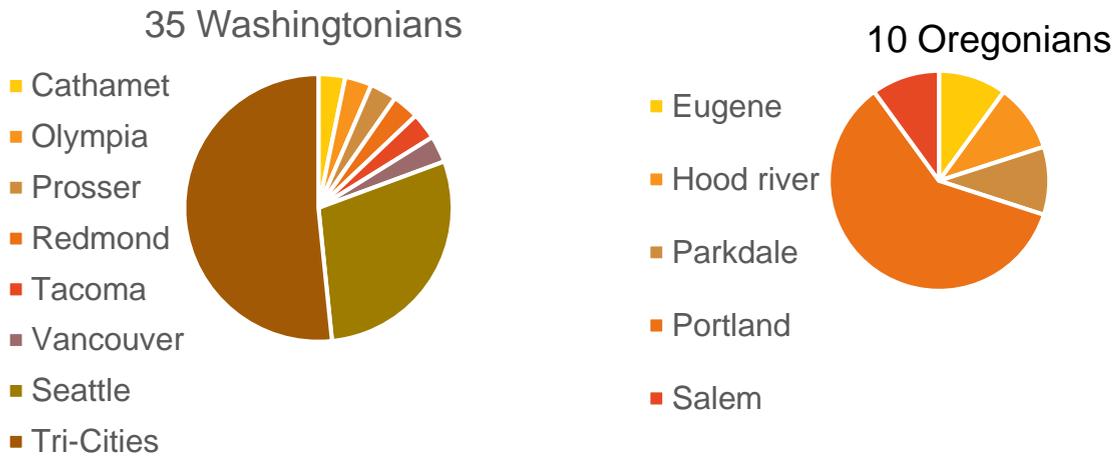
Summary results of the Annual Public Involvement Survey

Question 21: Please provide us with any other thoughts on Hanford cleanup.

Twenty-six people provided comments. (Please see answers beginning page 41.)

Question 22: Geographic information

Fifty people told us their location, while five left it blank. Most were from Washington and Oregon, but two were from New Hampshire, and one each from California and Idaho, proving once again that people across the U.S. are interested in Hanford cleanup.



Question 23: Demographic information

Following are the gender, age and ethnicity that were volunteered by 41 participants. Fourteen people chose not to answer.

Gender:

Male	65%
Female	35%

Age:

Under 30	2%
30-45	7%
46-65	41%
Over 65	49%

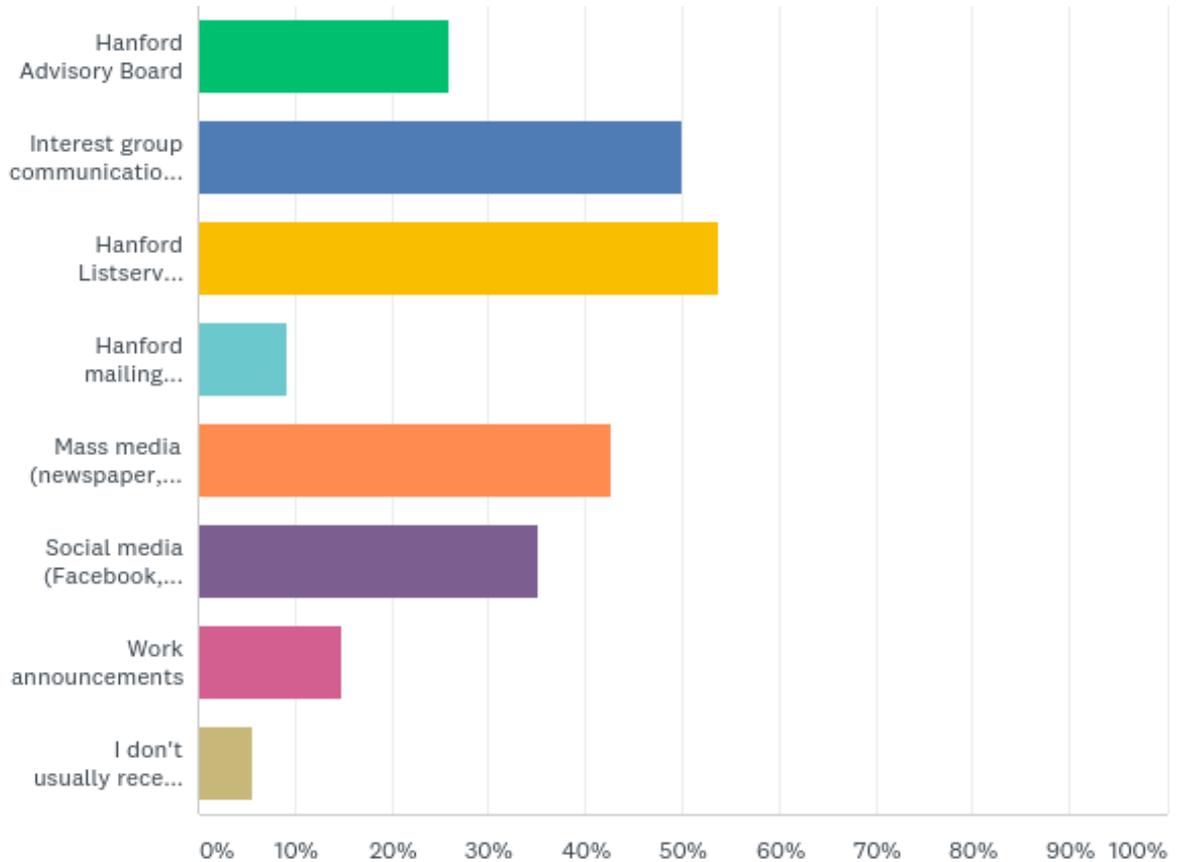
Race/Ethnicity:

Caucasian	93%
Hispanic	3%
African American	0%
Asian American	0%
Native	0%
Other	5%

Appendix A

Q1: Do you receive information about Hanford from any of the following? (Select all that apply)

Answered: 54



ANSWER CHOICES	RESPONSES	
Hanford Advisory Board	25.93%	14
Interest group communications (newsletter, email, etc.)	50.00%	27
Hanford Listserv (email)	53.70%	29
Hanford mailing (postal)	9.26%	5
Mass media (newspaper, radio, TV)	42.59%	23
Social media (Facebook, Twitter, etc.)	35.19%	19
Work announcements	14.81%	8
I don't usually receive information about Hanford	5.56%	3
Total Respondents: 54		

**Q1 - Do you receive information about Hanford from any of the following?
Other, Please specify**

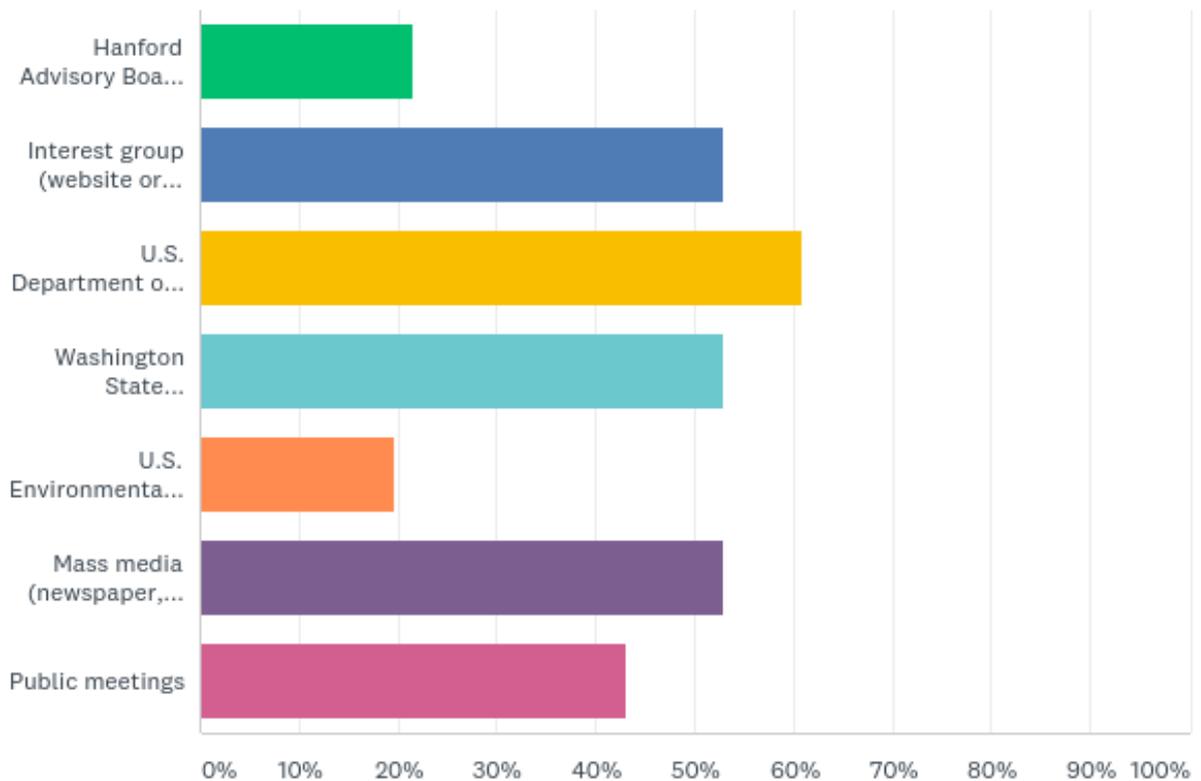
- (4) Heart of America
- DOE Environmental Management Newsletter
- Exchange Monitor



Hanford Live panel

Q2: Where do you go for information about Hanford? (Select all that apply)

Answered: 51 Skipped: 4



ANSWER CHOICES	RESPONSES	
Hanford Advisory Board meetings	21.57%	11
Interest group (website or social media)	52.94%	27
U.S. Department of Energy (website or social media)	60.78%	31
Washington State Department of Ecology (website or social media)	52.94%	27
U.S. Environmental Protection Agency (website or social media)	19.61%	10
Mass media (newspaper, radio, TV)	52.94%	27
Public meetings	43.14%	22
Total Respondents: 51		

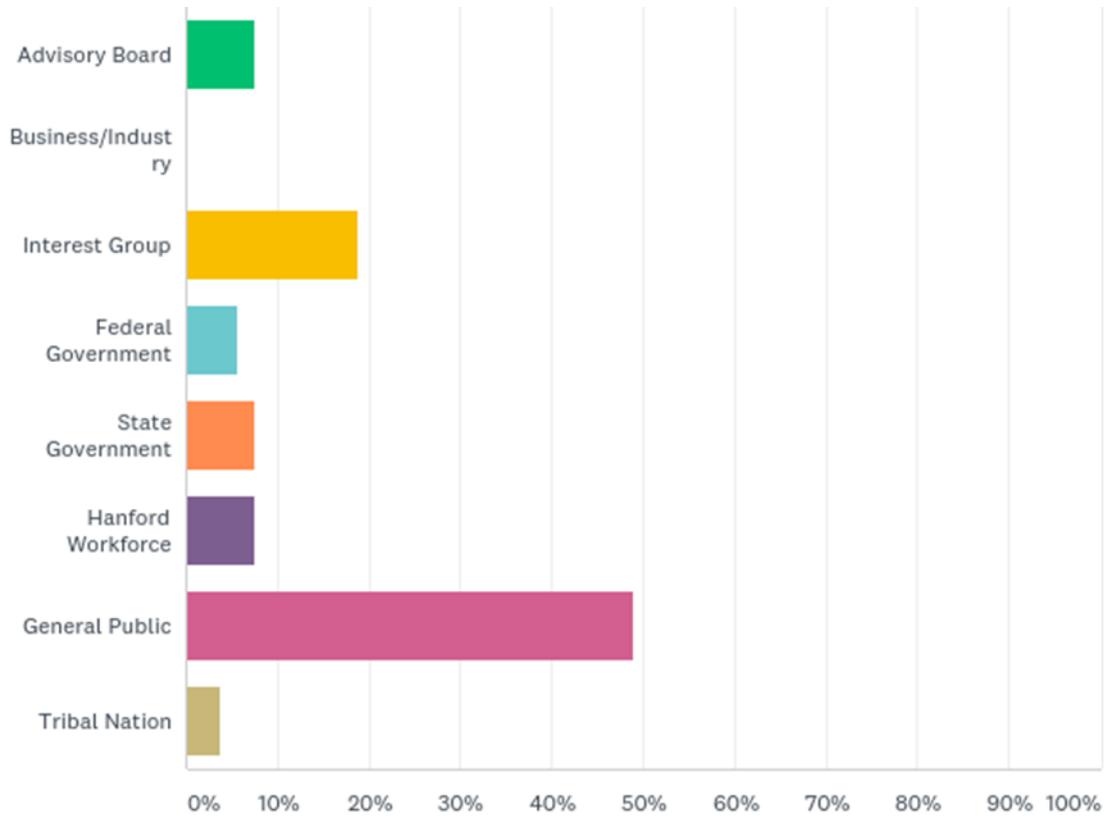
Q2 Where do you go for information about Hanford? Other, please specify.

- Administrative Record website
- (5) Heart of America NW email, Facebook or meetings
- DOE Environmental Management newsletter
- Exchange Monitor
- Hanford.gov
- Atomic Heritage Foundation
- Google/internet search



Q3: Which group do you represent? (Please select the one that best applies)

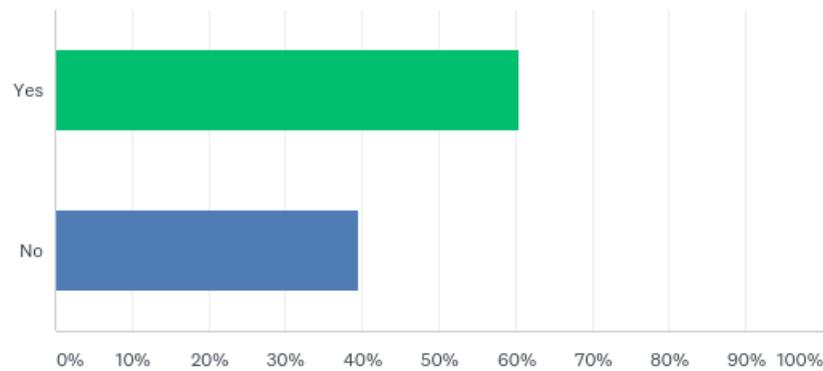
Answered: 53 Skipped: 2



ANSWER CHOICES	RESPONSES	
Advisory Board	7.55%	4
Business/Industry	0.00%	0
Interest Group	18.87%	10
Federal Government	5.66%	3
State Government	7.55%	4
Hanford Workforce	7.55%	4
General Public	49.06%	26
Tribal Nation	3.77%	2
TOTAL		53

Q4: Do you usually receive adequate notice about upcoming Hanford public involvement activities?

Answered: 53 Skipped: 2

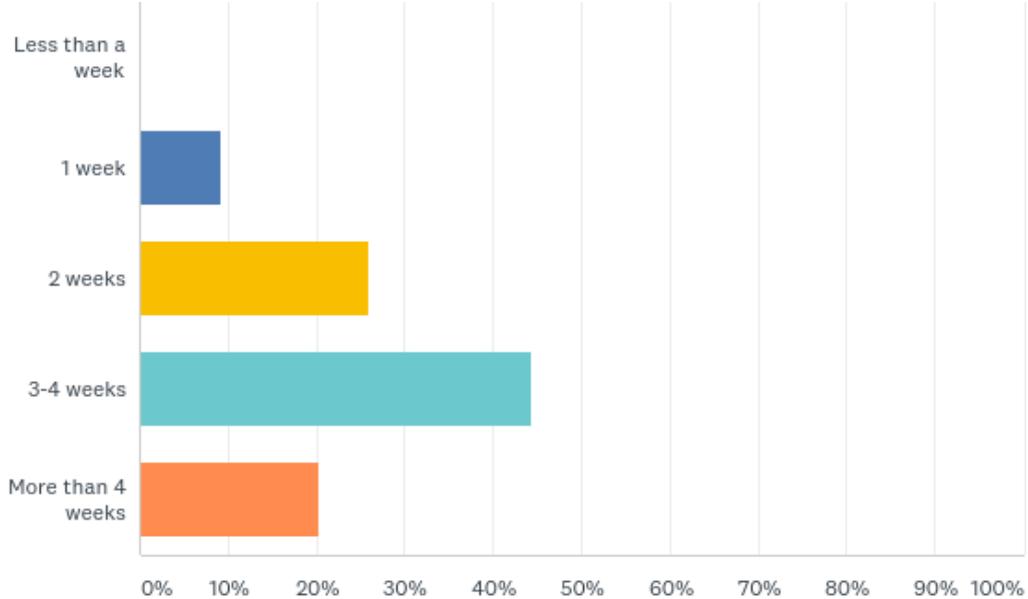


ANSWER CHOICES	RESPONSES	
Yes	60.38%	32
No	39.62%	21
TOTAL		53

- There are no upcoming Hanford activities in there haven't been for a long time. When there have been, it has been a short two week notice and not sufficient to make plans for the meeting.
- But way to far away and always in the hundreds of miles.
- email notices are becoming fewer
- except they are always on the other side of the mountains, so I cannot go. Only one was near me this last year, and I was out of town
- I live in Olympia, & public involvement activities are not held near here. I need time to plan a trip to the tri-cities or elsewhere.
- I wonder what is not coming to me.
- I'd like to hear far enough ahead so that I can block out the time in my calendar and tell others.
- In recent years, the notifications are at the last minute or not at all.
- It depends on if Heart of America is notified quickly enough!
- lead time less than one week is problematic.
- Only because the interest groups provide notification.
- Some information is received less than 3 days before!
- Very little time to prepare, and apparently, NO upcoming Hanford activities are planned.
- We do not, frequently there has been less than a 1 week notice, certainly less than a 2 week notice, which does not give individuals enough time to pencil a meeting into their schedules or groups to contact them to let them know that this meeting will be taking place.
- We do not, frequently there has been less than a 1 week notice, certainly less than a 2 week notice, which does not give individuals enough time to pencil a meeting into their schedules or groups to contact them to let them know that this meeting will be taking place.
- You hardly ever have an opportunity for public interest.

Q5: How far in advance do you prefer to be notified about Hanford public involvement activities?

Answered: 54 Skipped: 1



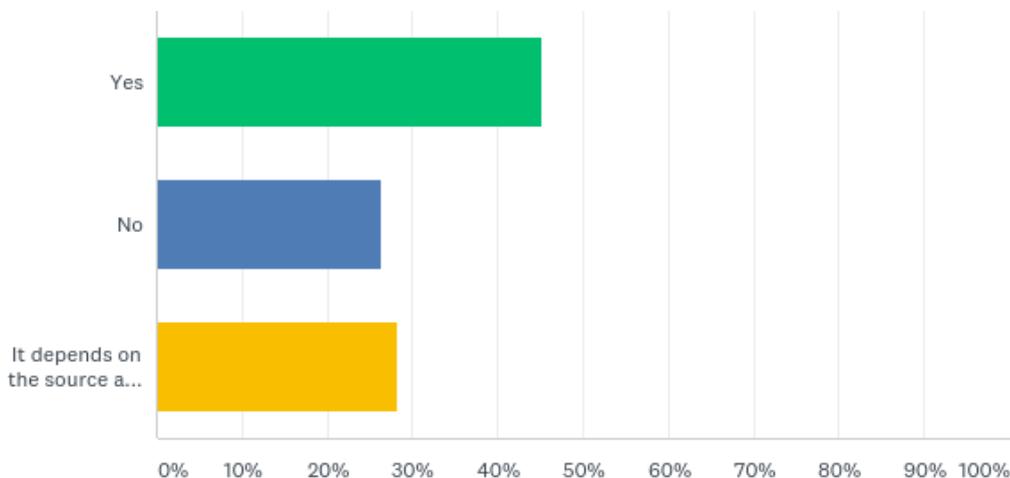
ANSWER CHOICES	RESPONSES	
Less than a week	0.00%	0
1 week	9.26%	5
2 weeks	25.93%	14
3-4 weeks	44.44%	24
More than 4 weeks	20.37%	11
TOTAL		54



People participating at the Hanford Health and Safety Expo

Q6: Are notices from the Tri-Party Agreement (TPA) agencies generally helpful in understanding the topic?

Answered: 53 Ski



ANSWER CHOICES	RESPONSES	
Yes	45.28%	24
No	26.42%	14
It depends on the source and topic	28.30%	15
TOTAL		53

Please share specific examples

- Most notices have not included any information on risks, delays, or alternatives.
- Can't recall seeing one
- Having lived in the tri-cities, I have tracked cleanup for years - or should I say "the lack of cleanup". I've tracked the broken promises regarding replacing leaking tanks. I've tracked reports that "rot" has leaked into the groundwater AND INTO THE COLUMBIA RIVER. So, the notices are helpful, if they inform me that - no - HANFORD IS NOT BEING CLEANED UP AS PROMISED.
- I do not receive any information from these agencies
- I have not seen any of these notices.
- I haven't seen any
- If it is a notice from DOE, then the topic is well understood and balanced. If the notice is from Ecology, then the notice is terribly written, usually biased, and ill-informed.
- Most notices include no information on risks, delays, or alternatives. Reclassification of the waste as something other than "high-level" is illegal, as it allows the DOE to not fulfill their requirement to abide by the Tri-Party Agreement and remove all high level waste. This is reckless and highly dangerous, as well as irresponsible in the extreme. This area has the highest radioactivity of any location in the western hemisphere! The DOE needs to take this very seriously and begin removal IMMEDIATELY!!!
- notices are not written for general public - easily misunderstood

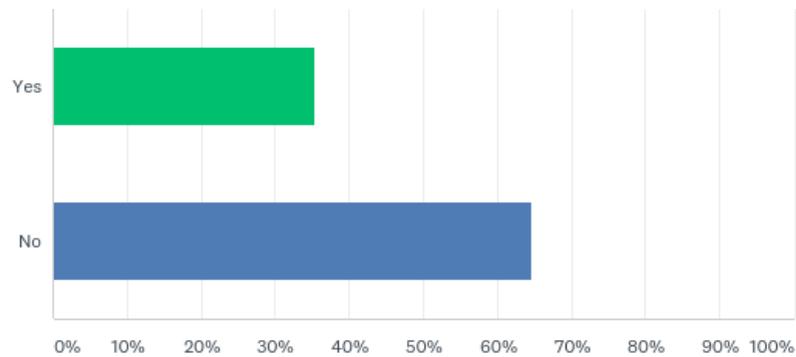
Q6: Are notices from the Tri-Party Agreement (TPA) agencies generally helpful in understanding the topic?

- Often hear about problems before reported.
- Some are so worthless and minor, some significant . Stop the rcra permit mod noise.
- They are too technical.
- Too full of lingo.
- Tries in descriptions not to use Acronyms when explaining any changes or process procedures. Just keep everything in plain English and uncomplicated.
- Unfortunately, most of these agencies seem more concerned with assuring the public that they are doing a great job rather than outlining the severe problems (DOJ investigation of kickbacks at Hanford) as well as six tanks that are still leaking at the tank farm. Is there a plan to empty them? There certainly isn't one from the DOE's latest annual report. Nor is there mention that they even exist. Expert opinions within the US Government are also completely ignored in this report. For instance, there is no mention of the Nuclear Regulatory Commission's position that the latest effort by the DOE to reclassify high-level waste at the bottom of the tanks as something other than high-level so that they can leave it there forever is both factually incorrect (calling radioactive waste something else does not make it so) and illegal (the DOE must abide by the Tri-Party Agreement and remove all high level waste)
- While some attempts are made to provide information, the risks to the public are always poorly misrepresented



Q7 & 8: Did you attend a Hanford-related meeting or other event hosted by a TPA agency in 2018? (note question was repeated in survey)

Answered: 51 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	35.29%	18
No	64.71%	33
TOTAL		51

If yes please specify.

- 10/16/18 Portland 4/23/18
- All of the meetings in Seattle at the UW Center for Urban Horticulture.
- Department of Ecology Eastern Washington Stormwater Manual Update Meeting.
- Ecology Groundwater Meetings
- Evaluation meeting in Portland
- FY2020 Budget Review in April 2018, the Purex tunnel meeting in August in Richland, the HAB full Board meetings and HAB committee meetings.
- (2) Hanford Cleanup Budget Priorities
- Hood River
- I attended the workshop in Seattle for the Draft Waste Incidental to Reprocessing Evaluation and was extremely disappointed that there was no forum given to alternative viewpoints as I am informed there was at the Portland meeting two days before.
- I tried to attend by phone, but couldn't hear the speakers clearly. Webinar?
- In Seattle at the UW CUH on the renaming of High Level Waste in storage tunneles as LLW and burying it in concrete
- last summer, tunnels

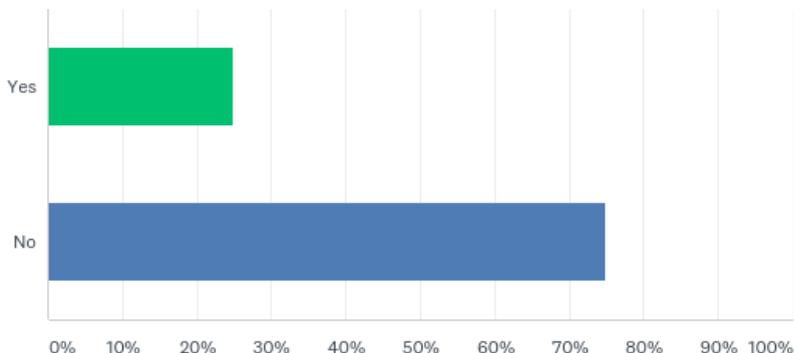
Q 7 & 8: Did you attend a Hanford-related meeting or other event hosted by a TPA agency in 2018? Specific answers continued.

- met for public meeting in Richland library one time
- Not 2018 because I was away often. In the past however, I have.
- not enough opportunity on this side of the mountains
- October meeting in Portland and November in Hood River
- (2) PUREX storage tunnel mod in Seattle
- PUREX Tunnel meetings
- PUREX Tunnels, Waste Incidental to Reprocessing
- RCRA WESF meeting at Richland Public Library
- The meetings have been canceled an excessive number of times this winter.
- Very few can afford to travel hundreds of miles for a hearing and one that literally means nothing as the decision is already made.
- Via online Q&A and conference calls
- We live down river and almost never have meetings here.
- WIR meeting in Portland
- Yes. I attended the meeting at the Center for Urban Horticulture.



Q9: Did you attend any other Hanford-related meetings or activities in 2018? (e.g. hosted by an interest group)

Answered: 48 Skipped: 7



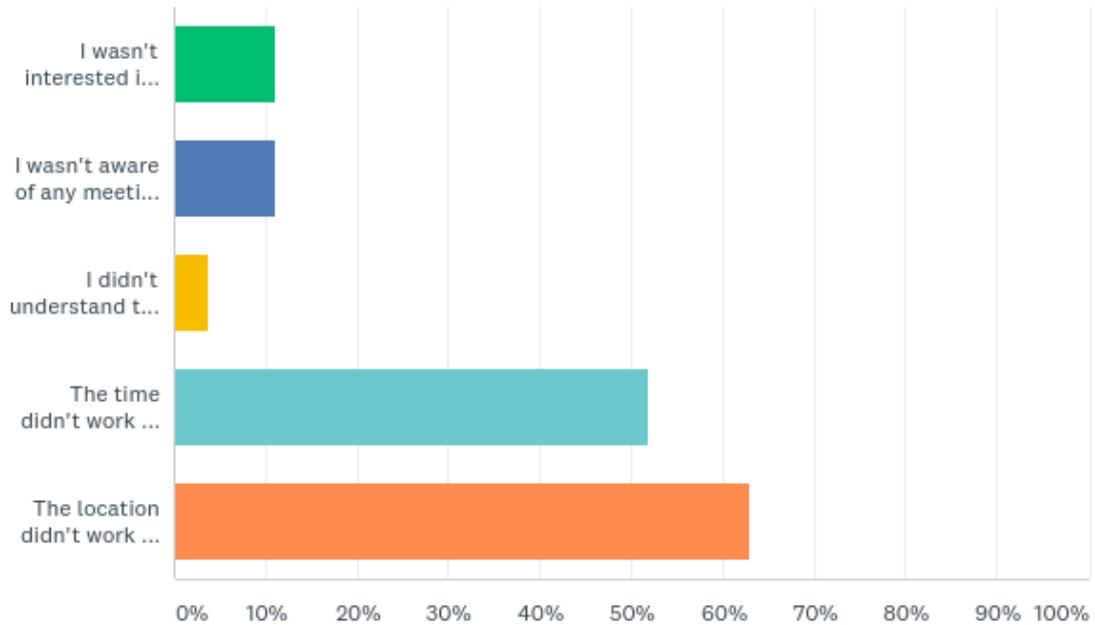
ANSWER CHOICES	RESPONSES	
Yes	25.00%	12
No	75.00%	36
TOTAL		48

If yes, please specify.

- Hanford Advisory Board
- Hanford Challenge
- Hanford Challenge in Seattle NSF sponsored International Research Workshop on Radiation Exposure at OSU in Corvallis
- Heart of America in Seattle and Vancouver
- Heart of America NW in Vancouver
- I attended two meetings about the DOE plans to grout in place the Purex Tunnels. The first was in Olympia in the spring, the other was in North Seattle in late summer. Both meetings were held by Heart of America and were well attended.
- M3 240 Corridor
- No other events were offered in Portland that I am aware of.
- Oregon DEQ and OR Dept of Energy mtg in Portland
- received information from Heart of america NW
- WIR meeting in Portland (ODOE)

Q10: If you did not attend a Hanford-related meeting or other event in 2018, please tell us why. (Select all that apply)

Answered: 27 Skipped: 28



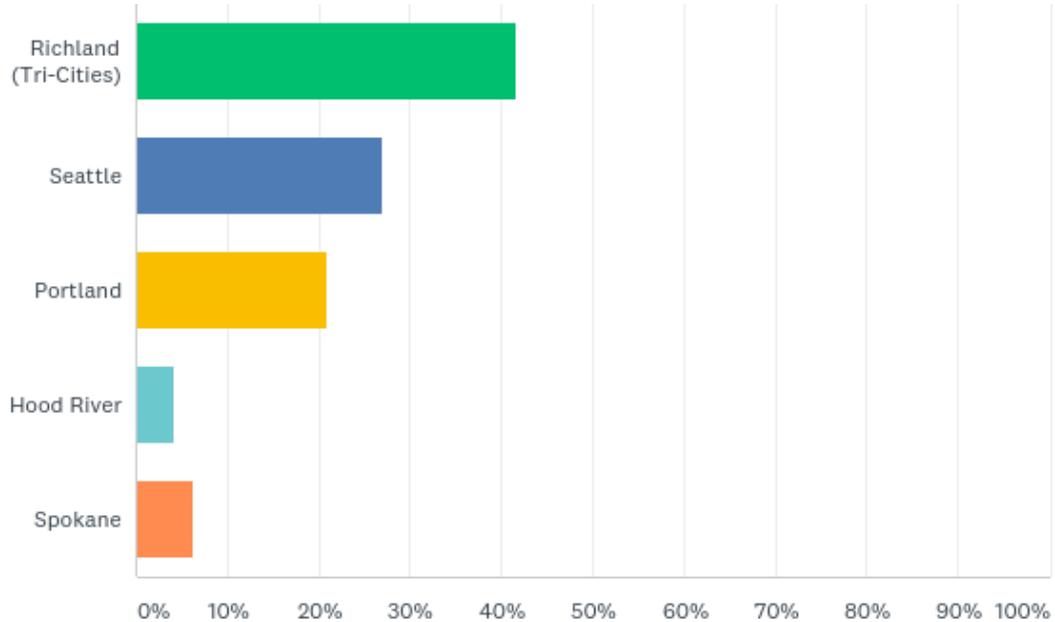
ANSWER CHOICES	RESPONSES	
I wasn't interested in the topic	11.11%	3
I wasn't aware of any meetings or events	11.11%	3
I didn't understand the purpose of the meeting or event	3.70%	1
The time didn't work for me	51.85%	14
The location didn't work for me	62.96%	17
Total Respondents: 27		

Please provide specific responses

- Basically, my other interests generally outrank Hanford
- I live in New Hampshire.
- I live in Olympia. None offered here.
- I'm new and haven't had a chance to attend.
- Poor vision & can't drive at night.
- too many meetings are in Richland without any in Seattle

Q11: In which location are you most likely to attend a public meeting/workshop or other Hanford-related activity?

Answered: 48 Skipped: 7

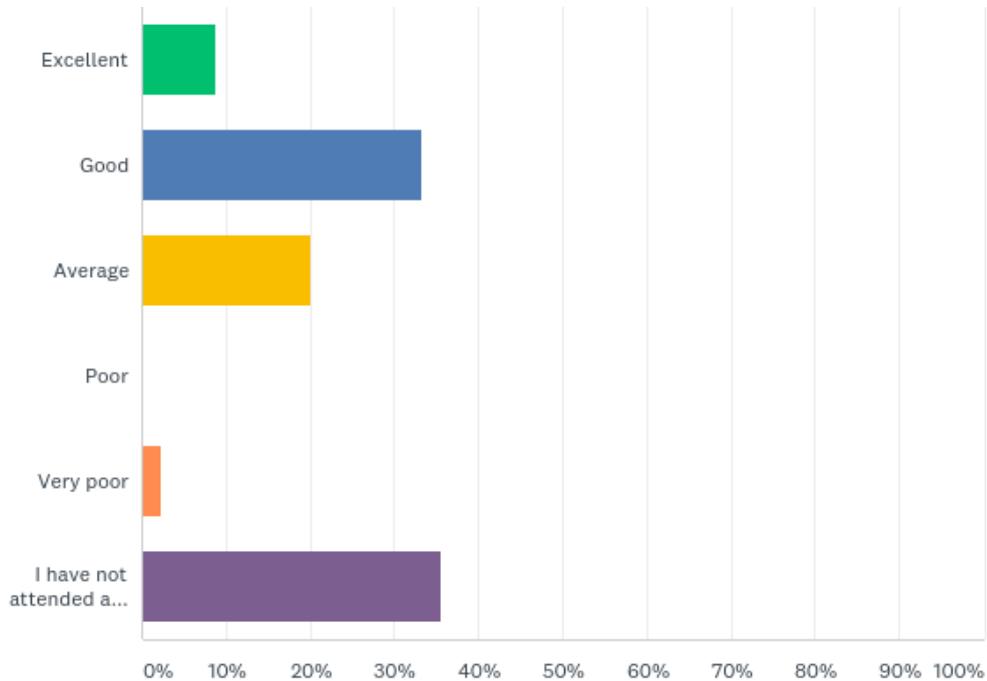


ANSWER CHOICES	RESPONSES	
Richland (Tri-Cities)	41.67%	20
Seattle	27.08%	13
Portland	20.83%	10
Hood River	4.17%	2
Spokane	6.25%	3
TOTAL		48

- Hanford Site
- I don't need meetings, just provide user friendly on-line input.
- I keep current by mail only.
- I might also go to Hood River but prefer Portland
- Olympia
- Prosser
- Redmond - my living room
- Vancouver

Q12: How would you rate the locations of the events you attended? (For example, hotel, library, etc.)

Answered: 45 Skipped: 10



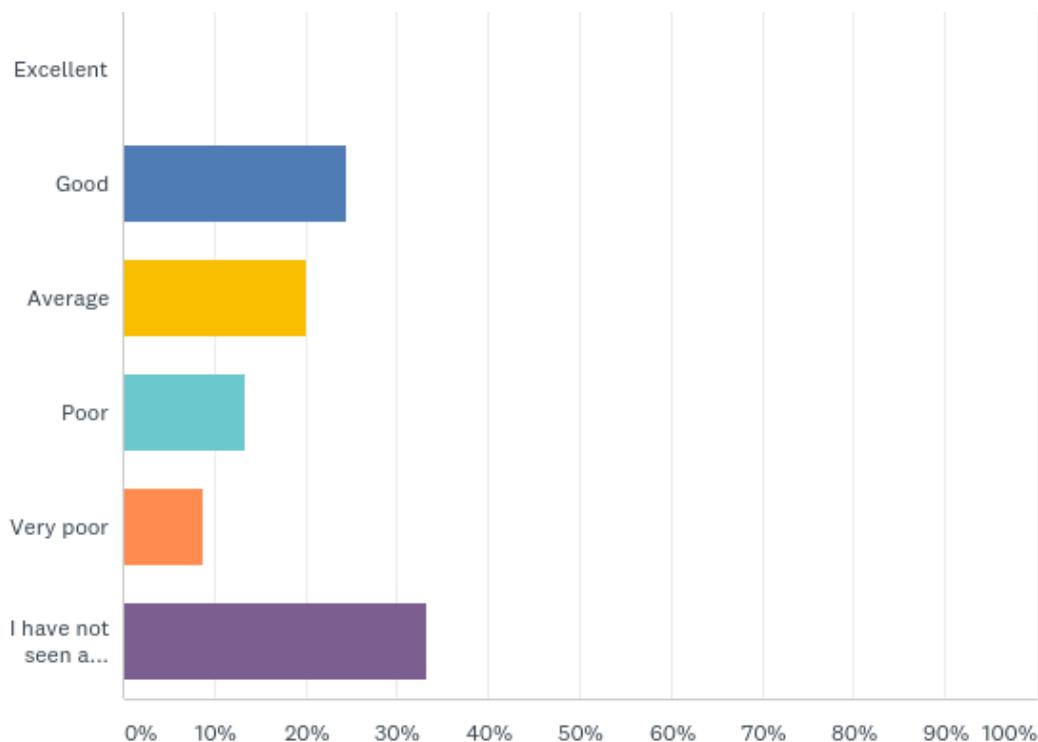
ANSWER CHOICES	RESPONSES	
Excellent	8.89%	4
Good	33.33%	15
Average	20.00%	9
Poor	0.00%	0
Very poor	2.22%	1
I have not attended a meeting or workshop	35.56%	16
TOTAL		45

Any specific comments?

- I attended meetings at the Seattle Center in 1970s & 80s. Public meetings should be webinars.
- In previous years, the Ecology office in N Richland and the Hanford House were both good.
- In the past you have held meetings in Vancouver at the convention Center and this was a good location.
- Locations are not the problem; Notification and actually holding meetings at a reasonable frequency as well as giving alternative platforms to other less-incentivized viewpoints are what we really need.
- The UW Horticultural Center is an excellent meeting location. The venue has not been the problem. Notification and actually holding meetings at a reasonable frequency as well as giving alternative platforms to other less-incentivized viewpoints.
- UW Center for Urban Hort
- Was at several meetings in the past. Locations were average.

Q13: How would you rate the TPA agencies' presentations at the events you attended?

Answered: 45 Skipped: 10



ANSWER CHOICES	RESPONSES	
Excellent	0.00%	0
Good	24.44%	11
Average	20.00%	9
Poor	13.33%	6
Very poor	8.89%	4
I have not seen a presentation	33.33%	15
TOTAL		45

Please share specific examples.

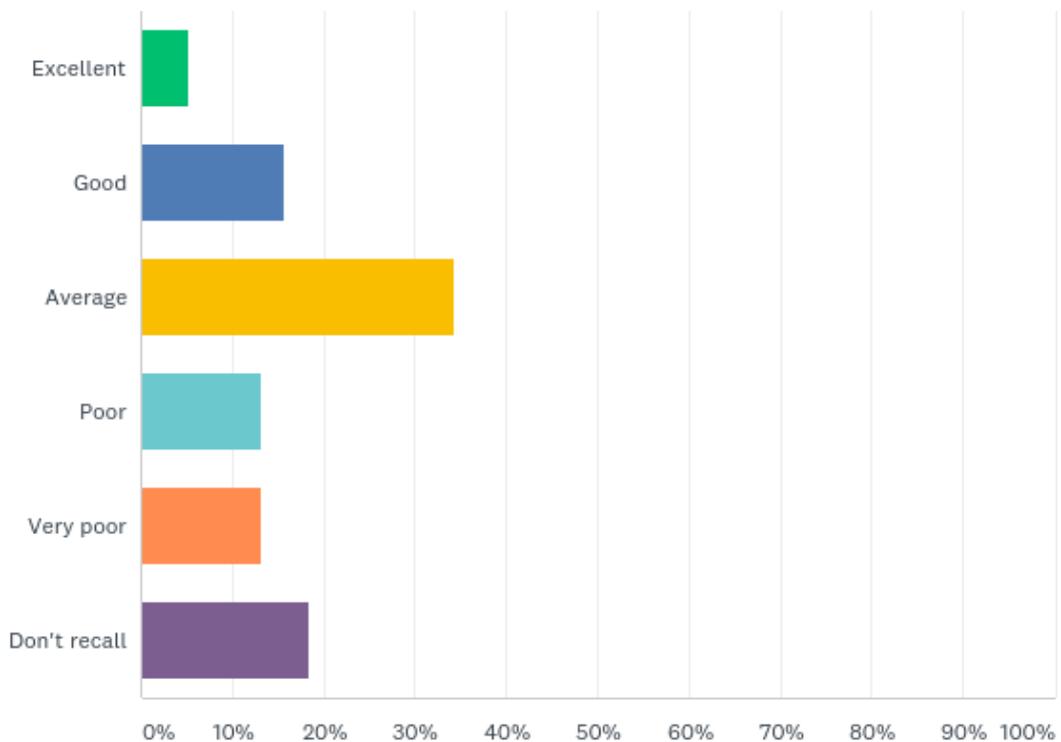
- DOE presentations are generally fluff.
- General activities to be done were represented, but the risks to the public were poorly represented
- I have tried to participate in Hanford meetings by telephone and to make comments via telephone and those were a failure on the part of Hanford and DOE to manage the technology. I could not hear the proceedings and was not given a chance to present my comments. I did not wish to waste my time on another occasion as I did not feel like my comments were valued.
- It is clear now that getting Ecology and EPA involved has slowed cleanup by decades.

Q13: How would you rate the TPA agencies' presentations at the events you attended? Specific examples continued.

- Need more time available for asking questions sent in or asked during a presentation/online conferences.
- Online only video that are cartoons and pictures but not completely real regarding the situation.
- Polished cheerleading glossing over key problems at Hanford.
- Polished sales pitch that avoided addressing key problems at the Hanford facility.
- The full picture of the various issues are usually lacking. In other words, the agency presentations often omit key information needed in order to fully understand threats to human health and environment.
- The presentations at the Budget Priorities meeting were too high-level, so it was difficult to assess how the submitted DOE budget would address specific priority topics to be addressed at the Hanford site. The Purex tunnel presentations were not directly focused on the Purex issues, in that examples were used to address the severity of the degradation in the tunnel that were not meaningful.
- The thing that made me the craziest is that they said you can talk to us but it won't make any difference. And the worst part about this is that they did not say this in plain English, they said it in governmentese.
- There is too much jargon in the letters I receive. They are couched in deceiving language about the hazards at the Hanford site.
- too complicated
- Transparency.
- very little enthusiasm to help people understand. Lack of background info.
- very one-sided presentation, not talking about why decisions made, not talking about pros and cons. Feels like a snow job
- Webinars and phone attendance are difficult for me to participate in and follow.

Q14: How would you rate the discussion with TPA agency representatives at events you attended?

Answered:38 Skipped: 17



ANSWER CHOICES	RESPONSES	
Excellent	5.26%	2
Good	15.79%	6
Average	34.21%	13
Poor	13.16%	5
Very poor	13.16%	5
Don't recall	18.42%	7
TOTAL		38

Any specific comments?

- Bad dialog with attendees concerned about the safety of the facility and region in general; polished rhetoric that avoided addressing key problems; circular logic that never provided adequate information or reasoning.
- Did not attend.
- EPA would not answer questions--just stood in back of room.
- Frustrating because I have been attending these meetings for over 10 years and I see the timelines extended, less work being finished, and dangerous shortcuts offered as permanent solutions (the renaming of HLW as LLW as a means of avoiding permanent storage).

Q14: How would you rate the discussion with TPA agency representatives at events you attended? Specific comments continued.

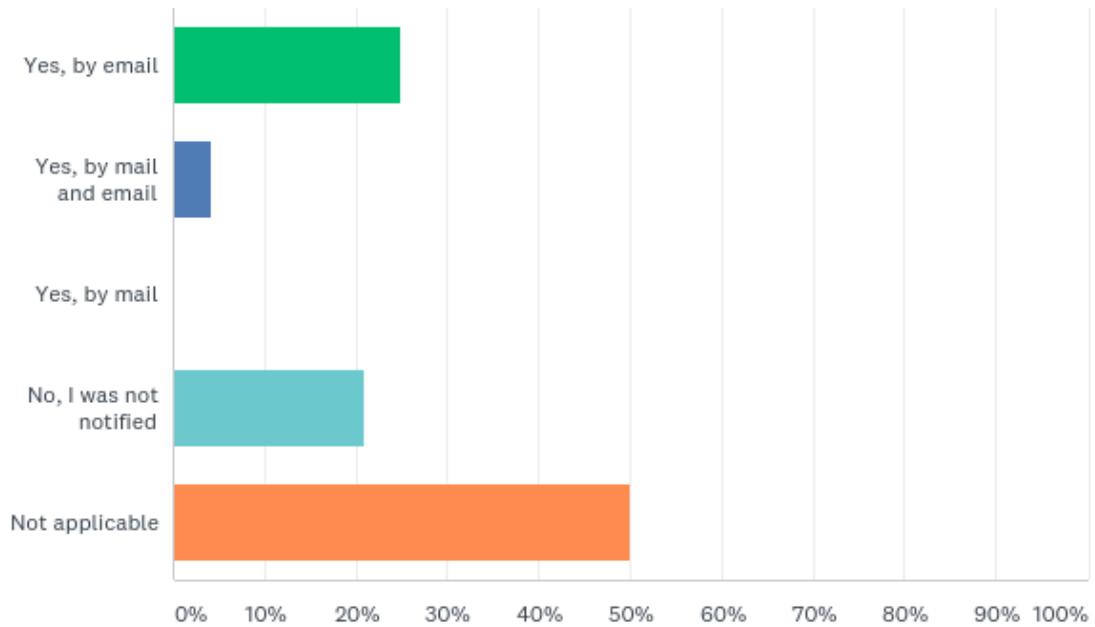
- hard questions (e.g. why the renaming) were not answered but responded to with canned deflections. Felt like I was listening to a recording or a robot not a human being trying to lead to understanding
- Horrible
- In the years past, Ecology and DOE representatives were well prepared.
- Keep everything non-complicated by Red -Tape terminology, to a lot of small contractor who are trying to get involved with their technology or knowledge. Which could save time and money on certain projects , e.g Purex tunnel collapse and subsequent sealing with Solidifying Liquid Grouts - which will cost a considerable time and costs to remove during the final closure of this Project on the Purex facility. The existing contractor does definitely show a polished picture because they can and need to consider the eventual costs on the project which they no doubt will bid and continue to make a good profit on the backs of the US Taxpayers , TPA needs to be more aggressive by asking more questions with these contractors and not just accept their words. These current contractors even copy ideas from smaller contractors whenever they can and are never questioned when someone brings up "where did you get this idea and how"?
- The discussions with Ecology and EPA are good while the discussions with DOE/RL average and DOE/ORP are very poor.
- Unfortunately, more polished cheerleading in the face of criticism by the public.



Permit public meeting

Q15: If you provided comment during a public comment period, were you notified when responses to comments were available?

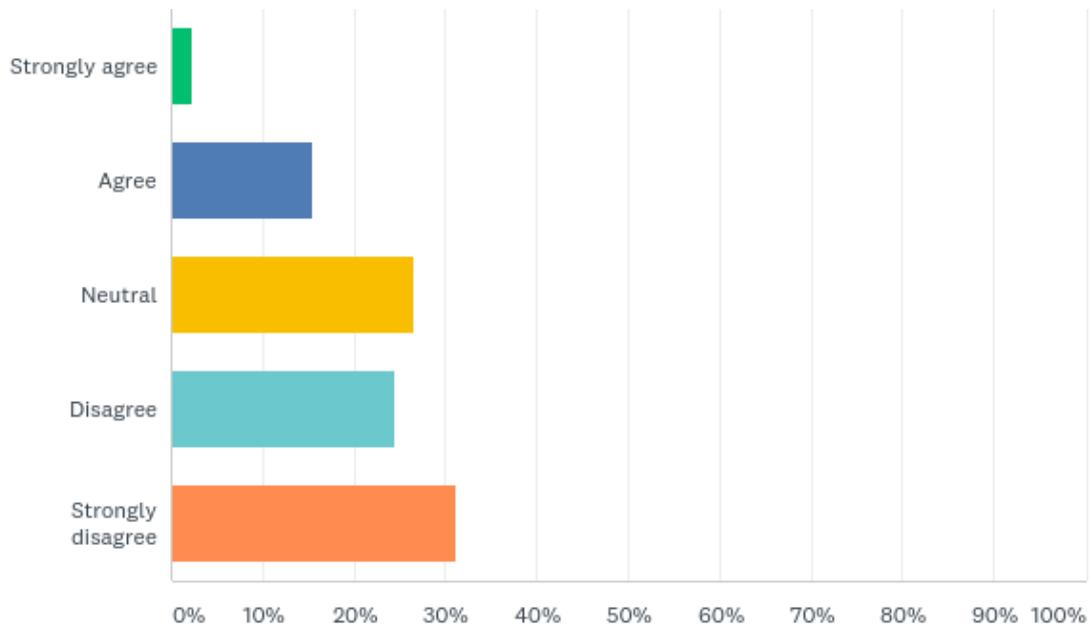
Answered: 48 Skipped: 7



ANSWER CHOICES	RESPONSES	
Yes, by email	25.00%	12
Yes, by mail and email	4.17%	2
Yes, by mail	0.00%	0
No, I was not notified	20.83%	10
Not applicable	50.00%	24
TOTAL		48

Q16: How would you answer the following statement: "I believe my input helps influence Hanford cleanup decisions."

Answered:45 Skipped: 10



ANSWER CHOICES	RESPONSES	
Strongly agree	2.22%	1
Agree	15.56%	7
Neutral	26.67%	12
Disagree	24.44%	11
Strongly disagree	31.11%	14
TOTAL		45

Please explain

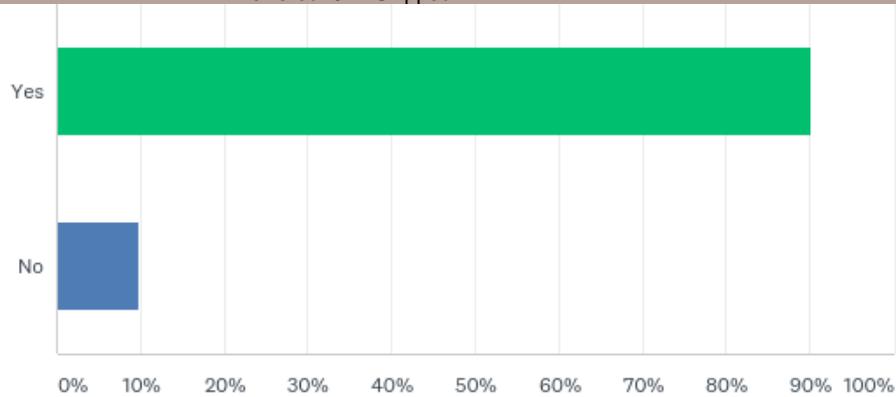
- Absolutely no responses to Inputs or even a request to explain their ideas or suggestions. Feel their ideas/suggestions are a nuisance or could take too long to analyze and go through a qualification period and Public input.
- Ecology has an agenda, as does energy, ecology doesn't live near Hanford so doesn't have a vested interest if delays happen and what can happen to us that live in tricities. They only care about catering to their own interests.
- Ecology's PUREX Tunnel "cement" solution, is one example that tells me my voice does not matter. Removing, or at the least, replacing the tanks is another.
- I am not a tree hugger and in the minority of commenters
- I believe my input is merely a formality to hold a hearing, and the decisions made are without regard to the public's wishes.

Q16: How would you answer the following statement: "I believe my input helps influence Hanford cleanup decisions." Explanations continued.

- I believe the agencies do not listen to the public concern as much as they should. Profit, or saving money in the cleanup process should be off the table. All viewpoints need to be recorded and placed in the public record. Agency officials need to be held accountable for their statements and often deceptive dialog. Ecology's issuing a decision on the PUREX Tunnel without responding to public comments or fully considering alternatives and the likelihood that adding cement will make it impossible to remove the waste was a message to me that the agency was not really interested in my view.
- I do not believe that the agencies in question are listening to us, but I do believe that public involvement is crucial because having to be accountable to the public is a crucial check against corruption and corner cutting in this crucial area.
- I felt like I was only a nuisance to the panel, not someone they wanted to hear from so that led me to believe the meeting was there to meet some requirement or to make a show that they were listening.
- I had the idiot tattoo removed from my forehead
- I think the meetings are a "check off" and that our input doesn't count
- I think the regulatory agencies place more weight on the comments from people from the west side and political influences than from people who actually live near Hanford.
- It seems that in most cases the DOE does not have the flexibility or ability to address specific Advice provided by the HAB or by stakeholders in general.
- It should influence clean-up decisions, but I'm not sure that DOE or other governmental groups care.
- My input doesn't matter when Ecology is going to go whichever misguided, political direction they feel like.
- my input has not been included in your actions. Just look at the grout of the tunnel. That material should have been removed.
- obvious that contractor/EPA do not care. State is not driving most meetings.
- Over the years, I have witnessed DOE continually ignoring obvious problems.
- Please see GAO Report 19-207, "DOE should take Action to Improve Oversight of Cleanup Milestones." This report shows that TPA and Consent decree milestones are not effective for managing the work, especially as they are renegotiated all the time, and not tracked against the original baseline. Public input doesn't mean much when the milestones are not effective.
- The power of politics overrides the concerns of the citizens
- The staff proposals are always accepted regardless of common sense. But who can question and your meetings are simply too far away to interact and no one is listening anyway.
- This should be a top priority for the state, county, and municipality, a priority.
- yes, but rarely, obviously

Q17: Do you plan to participate in future activities on Hanford topics?

Answered: 51 Skipped: 4



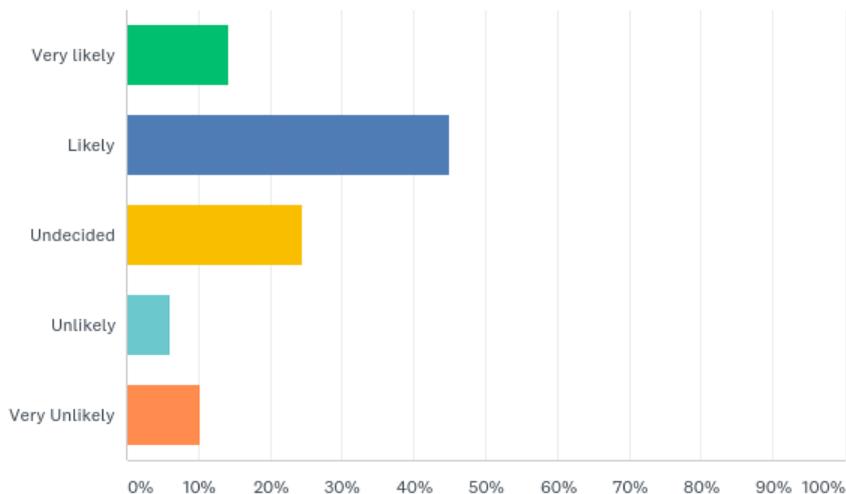
ANSWER CHOICES	RESPONSES	
Yes	90.20%	46
No	9.80%	5
TOTAL		51

Please explain why or why not.

- Absolutely
- at a low priority level, more for edification than politics. Reading material helps me be informed, but it's often useful to see/meet the perpetrators in person.
- I am a HAB Member
- I do not trust the DOE, hence we must stay alert
- I have a deep understanding of the past history of toxic issues at Hanford and feel a need to comment/provide input into those issues I am familiar with for the benefit of future generations.
- I live in Spokane, WA and not traveling hundreds of miles for a hearing with predisposed intent and always appears clear to anyone.
- I live in the area and so do my grandchildren. I care about whether this area is a safe place to live
- I plan to continue to participate.
- I think sooner or later, my views will become reality.
- I will continue to comment because I am a responsible citizen and I care about my home and my environment.
- if you come to seattle
- I'm 75. But I will continue to do what I can to insist the US Gov. keep their promises from after WWII to CLEAN UP THE MOST CONTAMINATED SITE IN OUR COUNTRY!
- Important to my community

Q18: Would you participate in a webinar or other online forum on Hanford topics?

Answered: 49 Skipped: 6



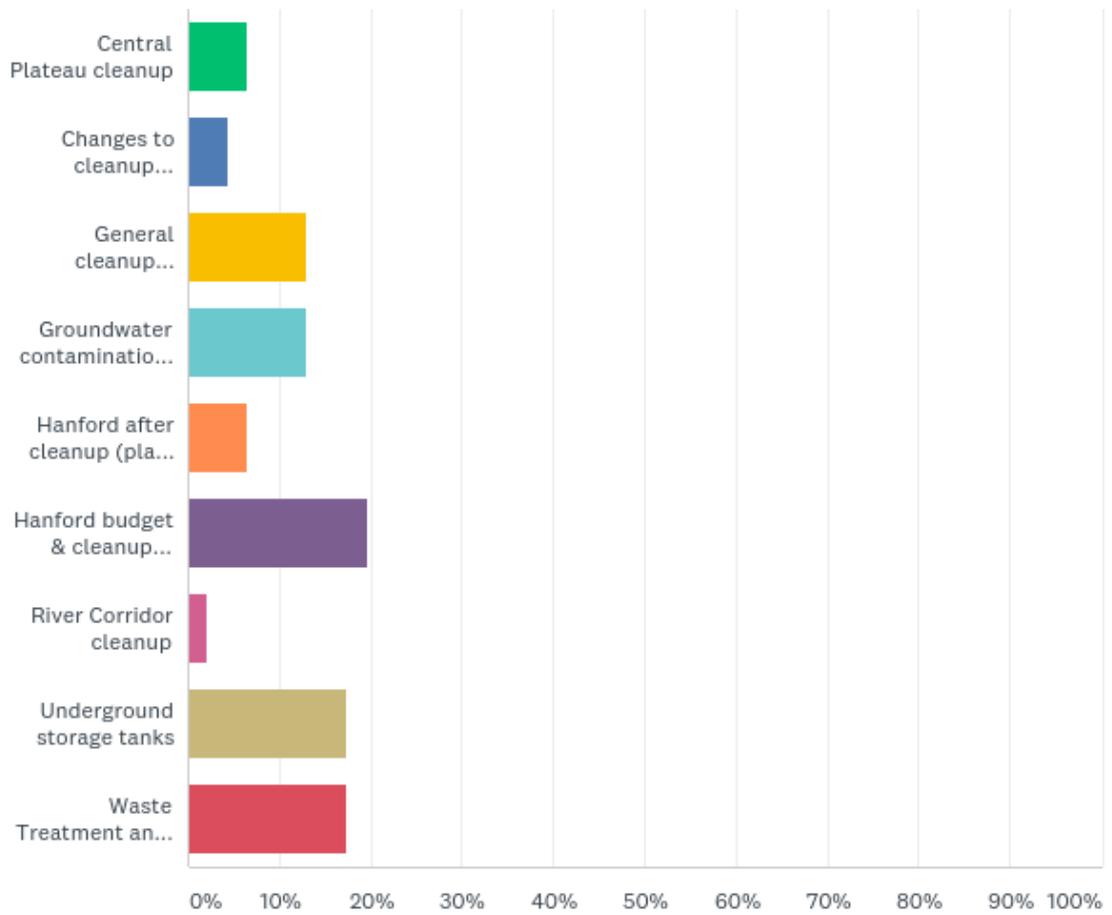
ANSWER CHOICES	RESPONSES	
Very likely	14.29%	7
Likely	44.90%	22
Undecided	24.49%	12
Unlikely	6.12%	3
Very Unlikely	10.20%	5
TOTAL		49

Any specific comments?

- don't know how
- Encourage new ideas/concepts and review properly and not just say, "we will consider and let you know"
- I dont' find webinars helpful
- I prefer in person involvement
- If it means listening to lengthy staff presentations and directed results without any real rebut allowed then no.
- If offered in the evenings.
- It does open the opportunity for citizen experts to be heard by other citizens, and help pressure the government to do waste disposal properly.
- ONLY if an opportunity for dialogue and questions from the public are allowed and ENCOURAGED and adequately responded to by presenters. A true dialogue.
- They are usually horrible.
- this is a good forum for me.
- Webinars are a poor way to facilitate actual public involvement. They should not replace real meetings. Moderators can completely drive a webinar in such a way that it does not in any way resemble a dialogue. Use them only for informational exchanges.
- Webinars are a poor way to facilitate public involvement
- Webinars are not helpful

Q19: Which Hanford topic would you MOST want to discuss or learn more about in a public forum?

Answered: 46 Skipped: 9



ANSWER CHOICES	RESPONSES	
Central Plateau cleanup	6.52%	3
Changes to cleanup schedules	4.35%	2
General cleanup progress & challenges	13.04%	6
Groundwater contamination & treatment	13.04%	6
Hanford after cleanup (plans for future land use)	6.52%	3
Hanford budget & cleanup priorities	19.57%	9
River Corridor cleanup	2.17%	1
Underground storage tanks	17.39%	8
Waste Treatment and Immobilization Plant	17.39%	8
TOTAL		46

Q19: Which Hanford topic would you MOST want to discuss or learn more about in a public forum? (Other, please specify)

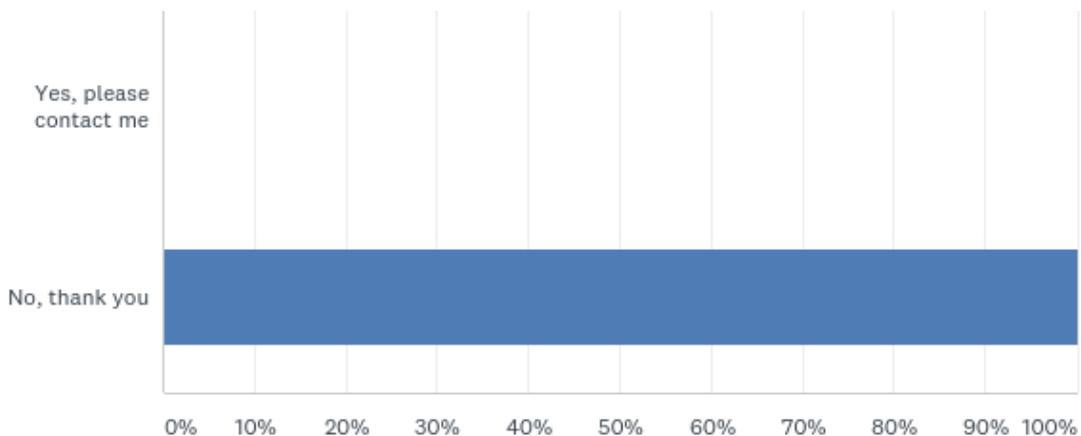
- 23 new Nuc Power plants were authorized by Bush/Cheney. Result? More Nuc Waste! What scientific studies are funded to develop safe storage?
- All of the above
- All of the above!
- all the above topics are equally important
- Allowing DOE and EPA to clean up the Site without Ecology wasting time and resources.
- Anything that endangers the lives of everyone on the planet
- Cesium/Strontium capsules dry storage
- I want to hear about it all. To choose one or another is to hide from the public many critical issues
- More open reports of contractors progress and problems with no missing details as has been done!
- Progress on open GAO recommendations and effectiveness reviews against previously closed GAO recommendations.
- Progress on open GAO recommendations and effectiveness reviews against previously closed GAO recommendations.
- The question should have been worded, "Which three topics are you most interested in?"
- The tanks, the glassification, ground water, air breaches, and on and on.



Talking to the public about groundwater

Q20: Would you be interested in hosting a Hanford speaker from the TPA agencies for your group, classroom, or event?

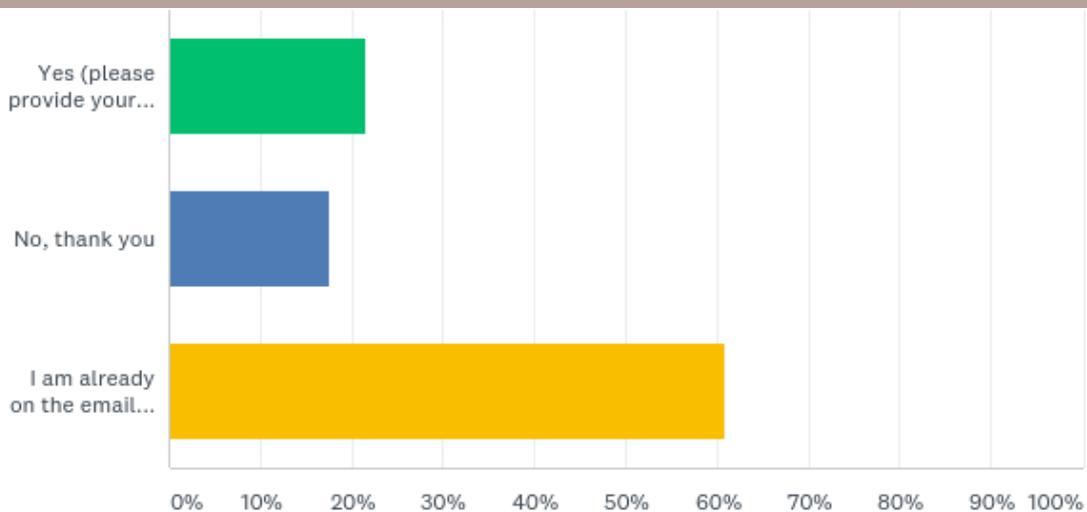
Answered: 46 Skipped: 9



ANSWER CHOICES	RESPONSES
Yes, please contact me	0.00% 0
No, thank you	100.00% 46
TOTAL	46

Q21: Would you like to join the TPA agency email list to receive information about Hanford?

Answered: 51 Skipped: 4



ANSWER CHOICES	RESPONSES
Yes (please provide your email below)	21.57% 11
No, thank you	17.65% 9
I am already on the email list	60.78% 31
TOTAL	51

Q 22 Please provide any additional thoughts you may have had regarding Hanford Public Involvement opportunities

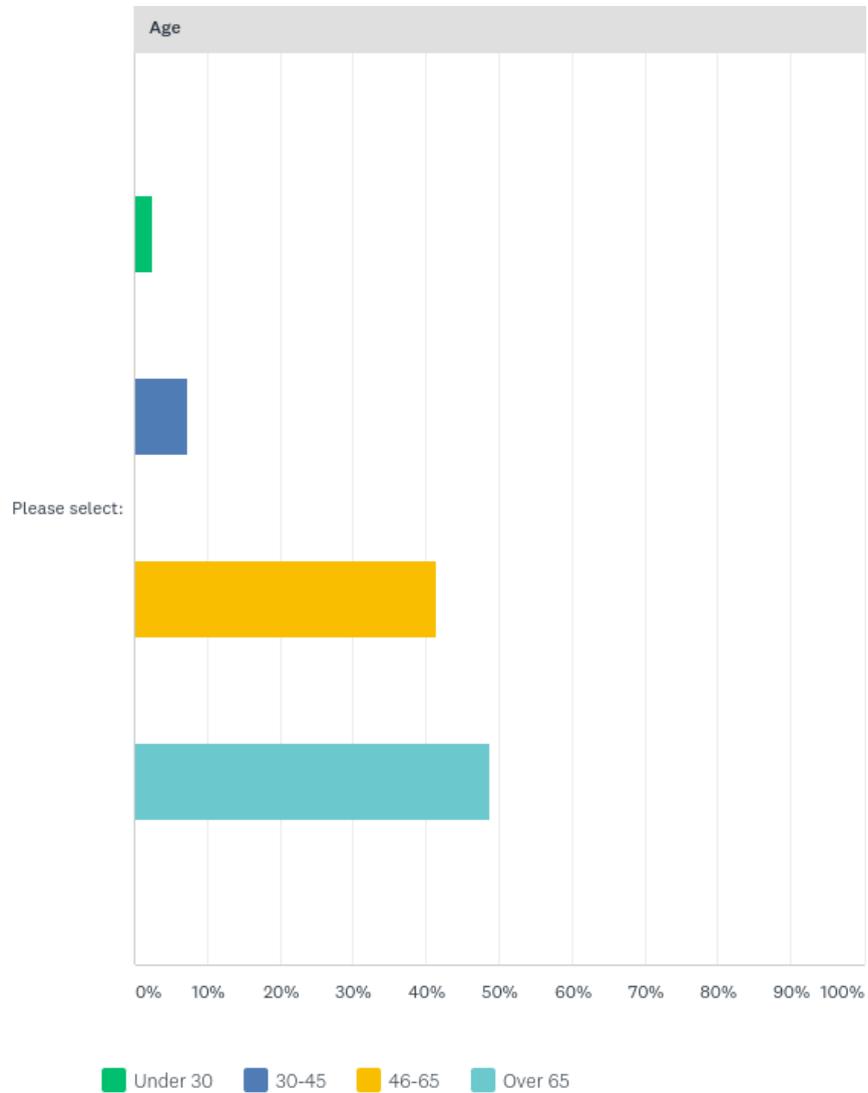
- I'm not sure how much feedback actually reaches TPA. The overall process is painfully slow.
- Allow full and open access to those interested to speak with Engineers part of DOE's direct employees on site or in DC. No one should have to keep corresponding with some parts of Hanford to get a return call or chance to offer alternative ideas/suggestions. Can out off some people with good ideas/suggestions. The DOE/DOD and Congress have on several occasions asked if costs and time schedules be reduced/reined in? Existing contractor group have quite often failed to answer honestly!
- DOE doesn't value pubic input.
- Evening meetings are problematic for me
- Hope springs eternal. There is much room for improvement. Let's see what you do for the new year. This survey was filled out by Dee Ann Wakenight with the assistance of Heart of America Northwest.
- I believe the state is being too tolerant of requested contract modifications. I see corruption among primary contractors over the years. EPA does not lobby for adequate funding.
- I think it is very important to let the public know what is happening. We all feel Hanford is a serious and potentially life threatening issue. We need to be prepared!!
- I was appalled that the WA Dept of Ecology had the gaul to grant a permit without considering the public's comments, the day after the comment period closed. That is just plain unacceptable and appears to be a violation of the US Administrative Procedures Act and an abrogation of Ecology's responsibilities to protect the people and environment of Washington State (to say nothing of the Region). I have NEVER felt that my efforts to provide intelligent and responsible input on proposed actions regarding Hanford have been taken seriously as indicated by the lack of response to comments, and the inadequate ways of pretending to solicit public comment (for example, poor audio and remote access, when any teenager or local radio station can set up a call in line.) Not transparent or respectful. Also, regarding inviting you into my classroom -- Why would I want to make my students listen to a sales pitch? If you can't respect the public, why would I expect you to respect my students?
- If I give input as a trained scientist with an advanced degree, but I feel my input is ignored in decision making, it is frustrating. However, its better to be informed about how badly its going than to hear nothing at all.
- Is there a way to receive advance notification for the opportunity to provide written (on-line) official comments for the various cleanup plans/projects? If so, would that be part of the "TPA agency email list" communications? If that's the case, I would like to be added to that mailing list.
- It is a crying shame that we still have a totally superfluous nuclear power plant working at Hanford, creating more radioactive waste, while the DOE has failed so miserably in removing the existing toxic waste at Hanford
- More importance needs to be placed on public engagement and involvement in Hanford activities by the TPA agencies. This can be most accomplished through increased funding for public engagement, including general public meetings throughout the region, focused-topic public meetings, and increased funding levels to allow the HAB to expand their involvement.
- More often in more places
- No matter what issues and science provided by the public DOE, TPA, and Washington state agencies refuse to take action until the issue injures many workers, and is brought to court.
- No one ever really listens of have and do not expect that to change as the fools running that worst nuclear disaster site in North America will do and time as they like.

Q 22 Please provide any additional thoughts you may have had regarding Hanford Public Involvement opportunities

- Please clean up the nuclear waste at Hanford, and keep the public updated with how quickly it's being cleaned up.
- Please move meetings over here, if you REALLY want participation
- Requests for public involvement have dwindled badly. More work needs to be done TO INTEREST the public. Perhaps some negative press? ex: Nuclear Power is Clean Power? Well, except for deadly waste that is deadly for roughly 2500 years. Deadly today if we have an earthquake in southeastern Washington. And deadly if it CONTINUES to pollute the Columbia River, which flows in to the Pacific! AND TO DATE; WE HAVE NOT DEVELOPED SAFE STORAGE OF THIS DEADLY WASTE! WHAT'S BEING DONE TO DEVELOP SAFE STORAGE?
- SO MUCH MONEY - and Hanford is still the most toxic place in the country - KEEP THE RADIATION OUT OF THE COLUMBIA!!!
- The defunding of this superfund site is unacceptable. I will back this sentiment each and every time I see it on a ballot. Of which, the next time will be the first.
- The key feedback I have to give you is that there is simply inadequate public participation in the decision making at Hanford. While it is a very good thing that there was one TPA meeting in 2018 as opposed to 2017, there should always be a forum for alternative positions and viewpoints. Those viewpoints should be formalized as a matter of record and the public should have an opportunity to comment on agency stances after any meeting before a resolution is adopted. This was not the case in 2018. Finally, agencies are constantly playing the game of holding these meetings without giving the public enough forward notice. If the object of these meetings is to have true public participation, then the public should be given time to plan for their attendance.
- The PR folks try really hard to make the meetings work. There is too much economic pressure on the Richland locals to get an effective public opinion. The HAB has been too corrupted by special interests to be an effective sounding board anymore. The Future Site Uses Working Group and Tank Focus Working Group were much more informative. DOE used to send at least a Deputy Manager to the HAB, now; just a staffer. HAB has lost its value, and the public can see that.
- The US Government is duty bound to clean up Hanford per the TriParties agreement. The government shouldn't be allowed to weasel it's way out of a proper cleanup.
- The USDOE must be held accountable. It is only doing minimal effort to rebuild the public's trust. It has a very long, long, long way to go in this regard. It still is keeping secrets about past releases. I have no confidence in how it is managing the VIT plant, and it has so far refused to even apologize for historic environmental releases.
- there aren't enough in-person opportunities anymore in enough places with enough notice. This has really deteriorated from previous period

Q24: Demographic information (Optional)

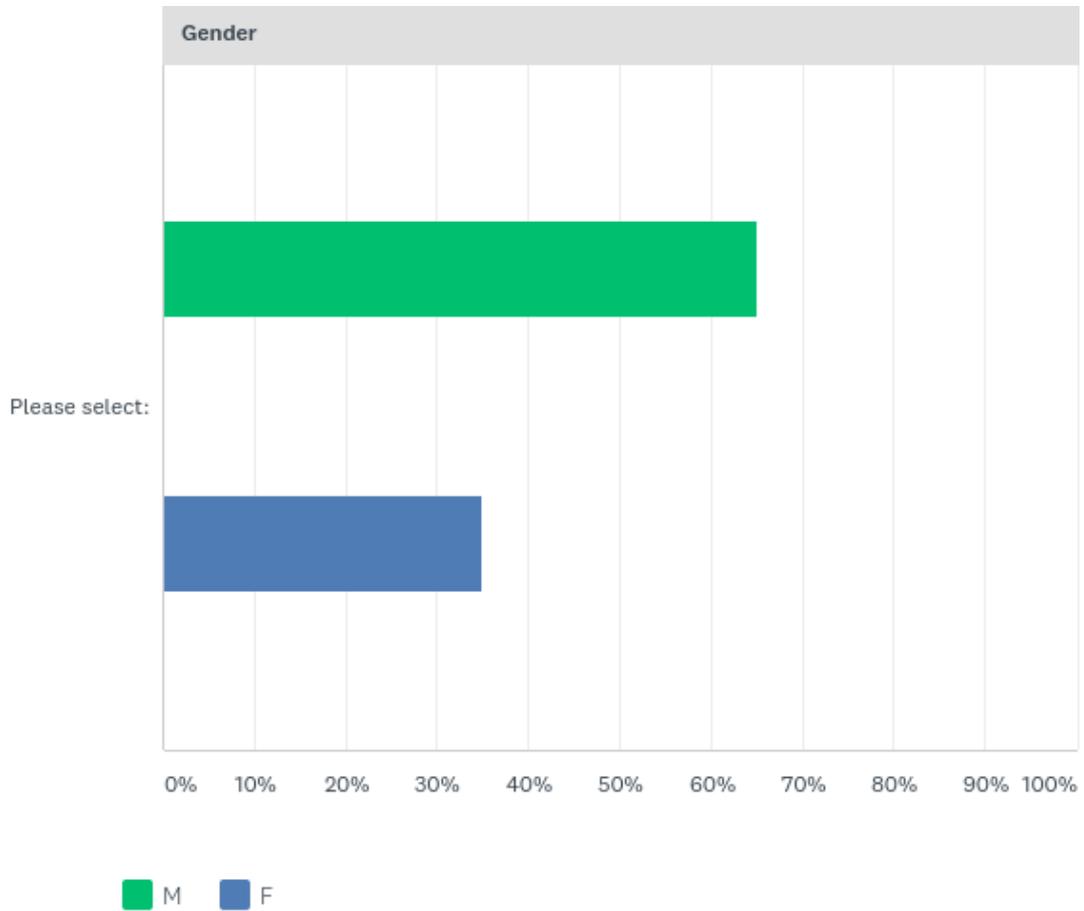
Answered: 41



Age					
	UNDER 30	30-45	46-65	OVER 65	TOTAL
Please select:	2.44%	7.32%	41.46%	48.78%	
	1	3	17	20	41

Q24: Demographic information (Optional)

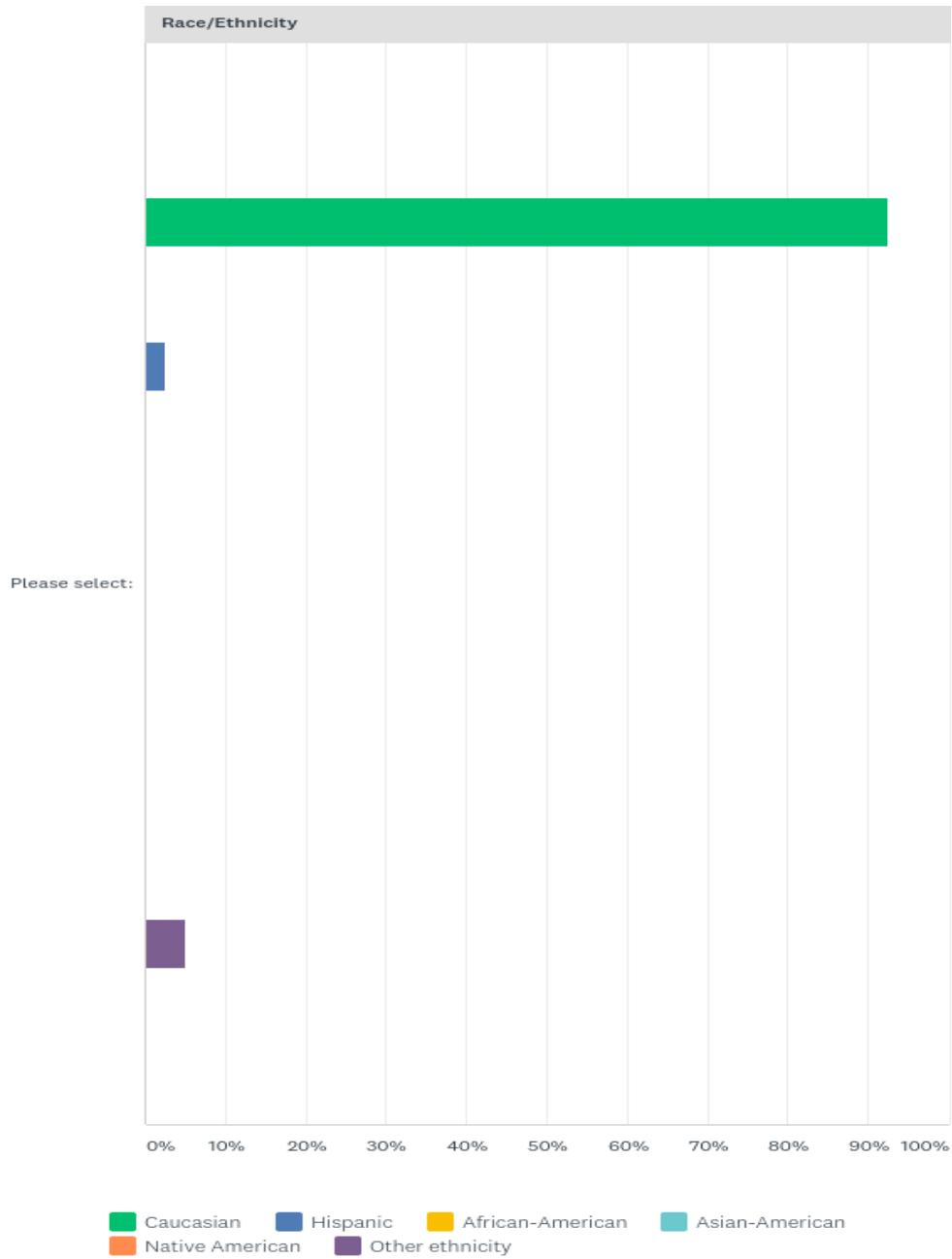
Answered: 41 Skipped: 14



Gender			
	M	F	TOTAL
Please select:	65.00%	35.00%	
	26	14	40

Q24: Demographic information (Optional)

Answered: 41 Skipped: 40



Race/Ethnicity							
	CAUCASIAN	HISPANIC	AFRICAN-AMERICAN	ASIAN-AMERICAN	NATIVE AMERICAN	OTHER ETHNICITY	TOTAL
Please select:	92.50% 37	2.50% 1	0.00% 0	0.00% 0	0.00% 0	5.00% 2	40