

Tri-Party Agreement Agencies 2015 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.

Today, the survey is conducted entirely online, which allows the TPA agencies and stakeholder groups to widely promote and share links to the annual survey via email, social media and the web.

We began offering the electronic survey through Survey Monkey in 2012. At that time, 94 people participated. In 2013, participation jumped to 165, with four additional responses for 2014 (169), and a record high of 183 responses for 2015.

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?
Small mail: _____ 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
Do you have specific examples to help us understand your rating? _____

7 The written materials provided at the meeting(s) were informative and easy to understand. 1 2 3 4 5
Do you have specific examples to help us understand your rating? _____

8 The audiovisuals (overheads, slides, videos) were informative and easy to understand. 1 2 3 4 5
Do you have specific examples to help us understand your rating? _____

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 Numbers (optional)	
Address (optional)	home _____ work _____

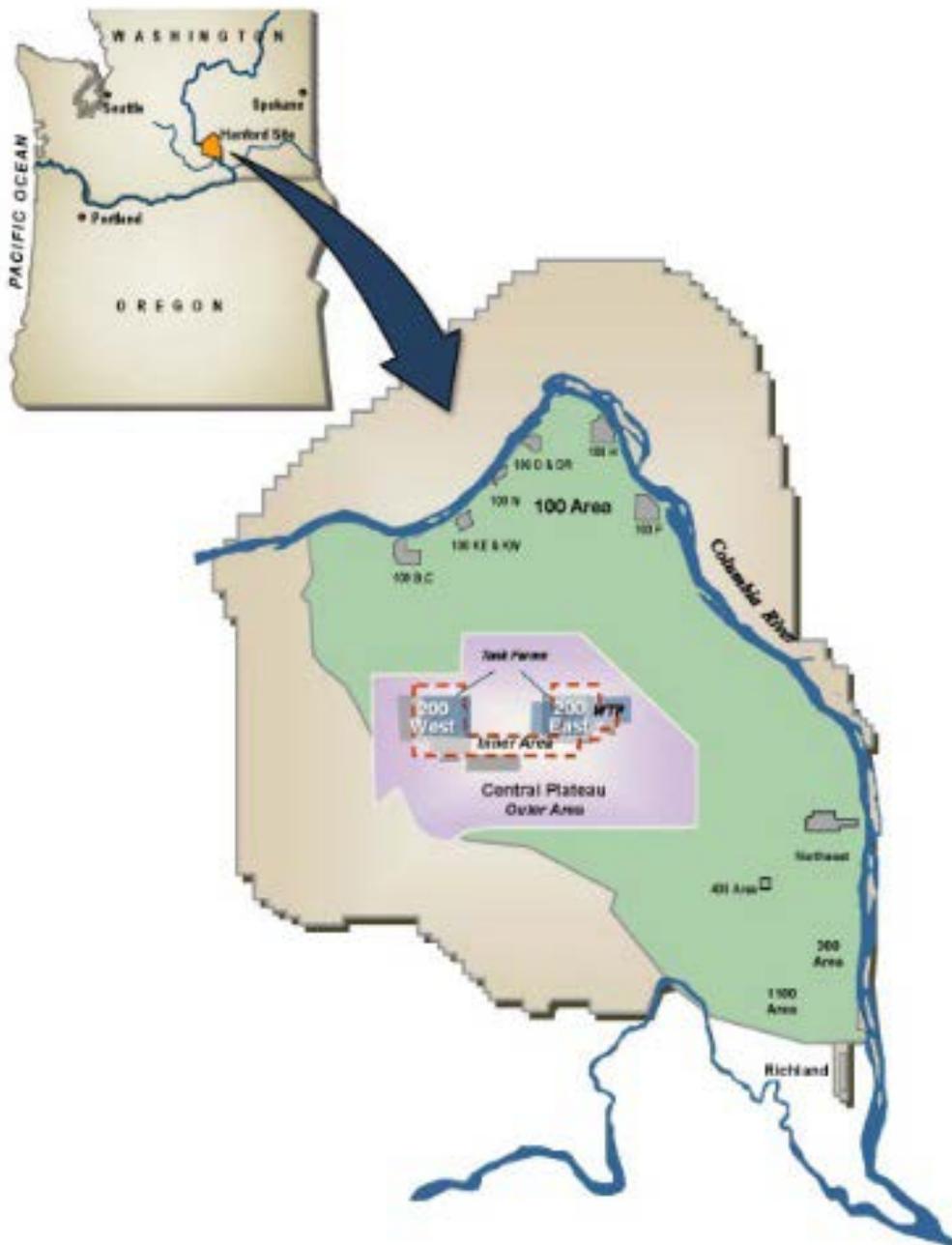
Thank you for taking the time to complete this survey. The public involvement staff will use the information gathered to improve our efforts where needed.

Ecology Publication Number 05-05-011

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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 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. The weapons material production mission 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:

- Consider input on the design of public involvement activities.
- 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 public 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 22, through March 21, 2016. Several messages were sent to the Hanford email list inviting people take the survey, and it was also shared on the agencies' websites and social media accounts. A total of 183 people responded. This evaluation is based on the results of that survey. A summary of the 2015 Hanford public involvement activities is provided in the following pages. Raw data follows the summary.

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.



Lessons Learned

Public input helps the TPA agencies evaluate opportunities for continuous improvement in public involvement. The feedback received during the 2015 Annual TPA Public Involvement Survey helped identify the following areas for improvement:

- The survey confirmed that people receive information about Hanford in many ways. More than 50% indicated they rely on communications from public interest groups. The TPA agencies will continue to look for creative ways to share information on Hanford.
- The majority of respondents said they receive adequate notice of upcoming Hanford events. They prefer to receive information at least 3-4 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.
- With regard to the notices from the TPA agencies, only 34% found the information "generally helpful in understanding the topic". Forty-four percent noted that it depended on the source. We will work harder to provide clear, understandable information and better define 'why it matters' e.g. human health and environmental impacts of decisions.
- Forty-one of respondents said they attended a Hanford-related or other event hosted by a TPA agency in 2015. Another 37% indicated they'd attended a Hanford-related event hosted by an interest group. The top two reasons listed for not attending and Hanford-related events were that the location and/or the time didn't work. The 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.
- While more people than in the past, reported feeling their "...input helps influence Hanford cleanup decisions" (28%) the bulk of respondents felt neutral or disagreed with that statement. TPA agencies need to do a better job of communicating how public input affects cleanup decisions, and explain if there are times when it doesn't.
- Most respondents said they would be "likely" or "very likely" to participate in a webinar on a Hanford topic. We will continue to look for opportunities to use this tool for public involvement activities. Webinars would allow participation in Hanford meetings for those who are not able to attend an event due to the time or location.
- Despite some frustration with TPA meetings and materials, a full 92% of respondents indicated they plan to participate in future Hanford-related activities.

Conclusion

The 2015 Annual TPA Public Involvement Survey had the largest number of participants compared to previous Hanford surveys. There were a range of people who participated in the survey, the largest segment – 58% – identified themselves as members of the general 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 TPA agencies' survey had 23 questions. 183 people took the survey. The top responses to each question are provided in the following section.

To see the full results of the survey, 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 Sportsman's Show, or Hanford Health and Safety Expo

Summary results of the Annual Public Involvement Survey

The TPA agencies issued a survey with 23 questions. 183 people took the survey. The top responses to each question are provided in the following section. Many questions invited respondents to 'choose all that apply', so totals may equal more than 100%.

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

Question 1: How do you usually receive information about Hanford topics?

Email (Hanford Listserv)	51.72%
Interest group communications	50.57
Mass media (Newspaper, radio, TV)	42.53

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

Interest group website or social media	51.43%
Mass media (Newspaper, radio, TV)	46.29%
Hanford.gov website	43.43%
Dept.of Ecology website	41.71%

Question 3: Which group do you represent?

General public	58.24%
Citizens group	11.76%
Hanford workforce	10.00%

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

Yes	60.89%
No	39.11%

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

3-4 weeks	41.99%
More than 4 weeks	25.41%
2 weeks	21.55%

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

It depends on the source and topic	43.93%
Yes	34.10%
No	21.97%

Summary results of the Annual Public Involvement Survey

Question 7: Did you attend a Hanford-related meeting or other event hosted by a TPA agency in 2015?

No	58.89%
Yes	41.11%

Question 8: Did you attend a Hanford-related meetings or activities in 2015? (e.g. hosted by an interest group)

No	63.48%
Yes	36.52%

Question 9: If you did not attend a Hanford-related meeting in 2014, please tell us why.

The time didn't work for me	54.74%
The location didn't work for me	53.68%
I wasn't aware of any meetings	24.21%

Question 10: In which location are you most likely to attend a public meeting/workshop or other Hanford-related activity?

Richland (Tri-Cities)	41.67%
Seattle	26.19%
Portland	20.24%

Question 11: How would you rate the locations of the events you attended? (For example, hotel, library, etc.)

Good	33.33%
I have not attended a meeting	31.07%
Average	16.95%

Question 12: How would you rate the TPA agencies' presentations at the events you attended?

I have not seen a presentation	38.15%
Good	24.28%
Average	20.81%

Question 13: How would you rate the discussion with TPA agency representatives at the events you attended?

Good	31.54%
Average	29.23%
Don't recall	16.15%

Summary results of the Annual Public Involvement Survey

Question 14: If you provided public comment during a public comment period, were you notified when responses to comments were available?

Not applicable	65.87%
Yes, by email	16.17%
No, I was not notified	13.17%

Question 15: How would you answer the following statement: "I believe my input helps influence Hanford cleanup decisions."

Neutral	34.48%
Agree	21.84%
Strongly disagree	20.11%

Question 16: Do you plan to participate in future activities on Hanford topics?

Yes	92.40%
No	7.60%

Question 17: Would you participate in a webinar or other online forum on Hanford topics?

Likely	34.64%
Undecided	28.82%
Very likely	16.20%

Question 18: Which Hanford topics would you most want to discuss or learn about in a public forum?

General cleanup progress & challenges	18.82%
Groundwater contamination & treatment	16.47%
Hanford budget & cleanup priorities	14.12%

Question 19: Would you be interested in hosting a Hanford speaker from the TPA agencies for your group, classroom, or event?

No, thank you	85.53%
Yes, please contact me	14.47%

Question 20: Would you like to join the TPA agency email list to receive information about Hanford?

I am already on the list	64.57%
Yes	22.86%
No	12.57%

Summary results of the Annual Public Involvement Survey

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

Ninety-nine people provided comments. Please see Appendix A, beginning on page 11.

Question 22: Geographic information

158 people told us what city and state they lived in, 25 left blank. The majority are from Washington and Oregon, specifically Tri-Cities area, Seattle and Portland areas. Detailed charts are available on pages 80-81.

Question 23: Demographic information

Following are the gender, age and ethnicity that were volunteered by 158 participants. 25 people chose not to answer.

Gender:

Male 53.55%;

Female 46.45%

Age:

Under 30, 6.33%

30-45, 8.25%

46-65, 43.67%

Over 65, 41.77%

Race/Ethnicity:

Caucasian, 93.20%

Hispanic, .68%

Black, .68%

Asian, 1.36%

Native American, 0.68%

Other, 3.4%



Finding ways to engage youth who will inherit Hanford is critical. The Nez Perce annual STEM fair in Lapwai, ID is a great way to reach kids.

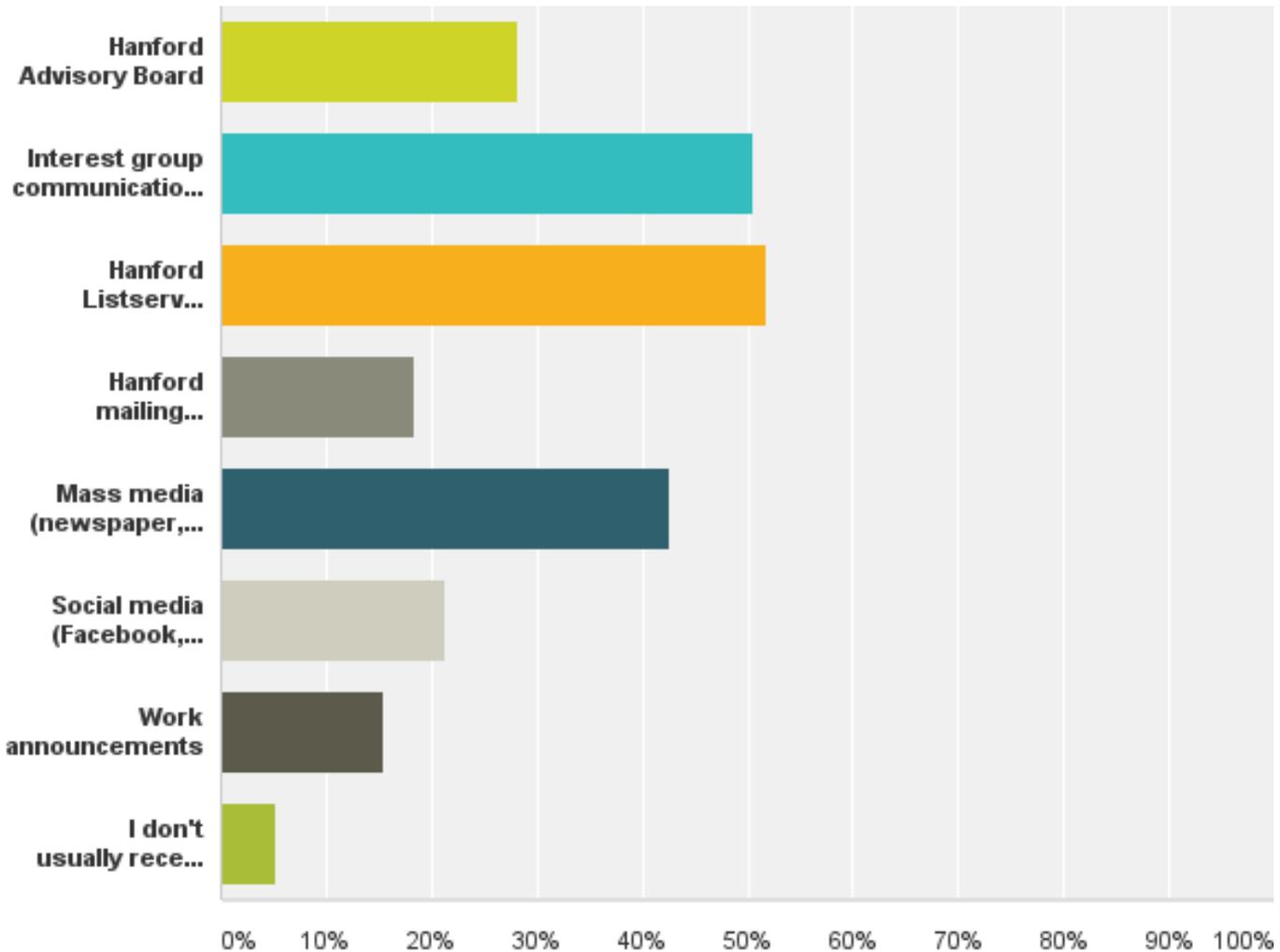
Appendix A

Complete results from Survey Monkey

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

Answered: 174

Skipped: 9



Answer Choices	Responses
Hanford Advisory Board	28.16% 49
Interest group communications (newsletter, email, etc.)	50.57% 88
Hanford Listserv (email)	51.72% 90
Hanford mailing (postal)	18.39% 32
Mass media (newspaper, radio, TV)	42.53% 74
Social media (Facebook, Twitter, etc.)	21.26% 37
Work announcements	15.52% 27
I don't usually receive information about Hanford	5.17% 9
Total Respondents: 174	

Q1: Do you receive information about Hanford from any of the following? (OTHER)

Answered: 174

Skipped: 9

**44 respondents provided specific answers
(parenthesis indicates number of identical answers)**

Books

Columbia Riverkeeper (2)

DOE (2)

DOE HQ, DOE IG, GAO, DNFSB

Friends

Gmail Hanford Alerts

Heart of America Northwest (20)

Heart of America Northwest (email)

Heart of America Northwest is my best resource

Heart of America Northwest phone calls and citizen guides

Heart of America NW phone calls and pre-hearing workshops.

HLAN

Interaction with current Hanford Site workers

internet

Misinformed public who are gossiping

mostly from a friend

Newspapers

Oregon Hanford Cleanup Board (2)

other concerned citizens communicate with me via social media

Personal friends who track what is going on to clean up Hanford

Public member Oregon Hanford Cleanup Board

Somehow I don't seem to be getting as much info as I would liked

Tour of B reactor

Washington Ecology, Shelley Cimon

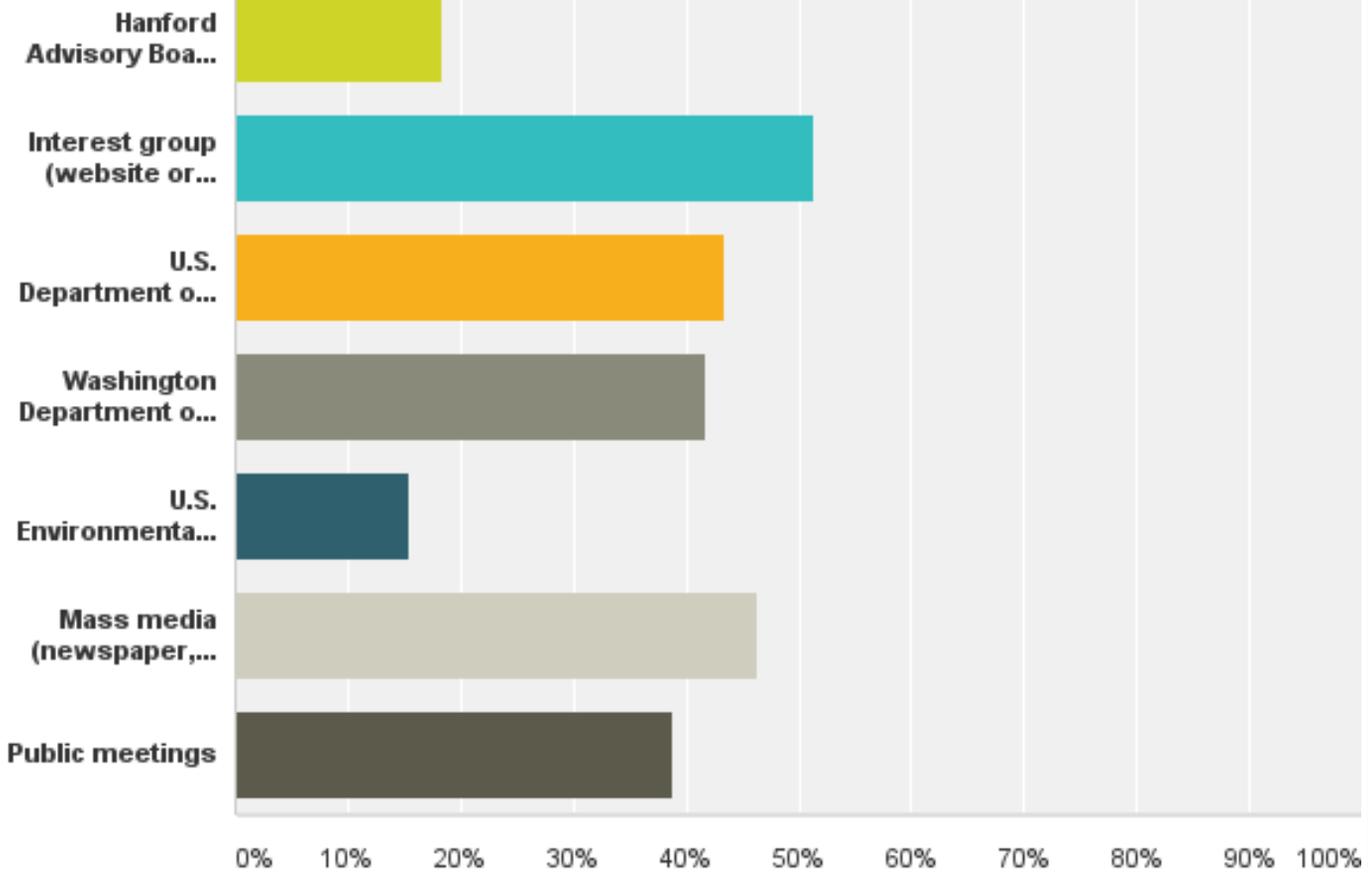
What mass media???????

Word of mouth

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

Answered: 175

Skipped: 8



Answer Choices	Responses
Hanford Advisory Board meetings	18.29% 32
Interest group (website or social media)	51.43% 90
U.S. Department of Energy (website or social media)	43.43% 76
Washington Department of Ecology (website or social media)	41.71% 73
U.S. Environmental Protection Agency (website or social media)	15.43% 27
Mass media (newspaper, radio, TV)	46.29% 81
Public meetings	38.86% 68
Total Respondents: 175	

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

Answered: 175

Skipped: 8

33 respondents provided specific comments (parenthesis indicates number of identical answers)

At Oregon Hanford Cleanup Board meetings

Books

Columbia Riverkeeper (2)

DOE HQ, DOE IG, GAO, DNFSB

Hanford Communities

Heart of America (11)

Heart of America Northwest gives good information

Heart of America Northwest phone calls and citizen guides

Heart of America NW website

I depend upon the newsletters and email alerts from Heart of American NW and Hanford Challenge.

I rely on Heart of America for the best overall analyses of Hanford Cleanup issues.

I work at Bechtel. I receive emails from out director.

I would go to public meetings but they are not held close to Corvallis where I live

Interaction with current Hanford Site workers

Internet and Twitter media reporters

Jerry Pollet

League of Women Voters Benton-Franklin Counties

Mailing lists that I subscribe to.

Oregon DOE

Oregon Hanford Cleanup Board (3)

SharePoint

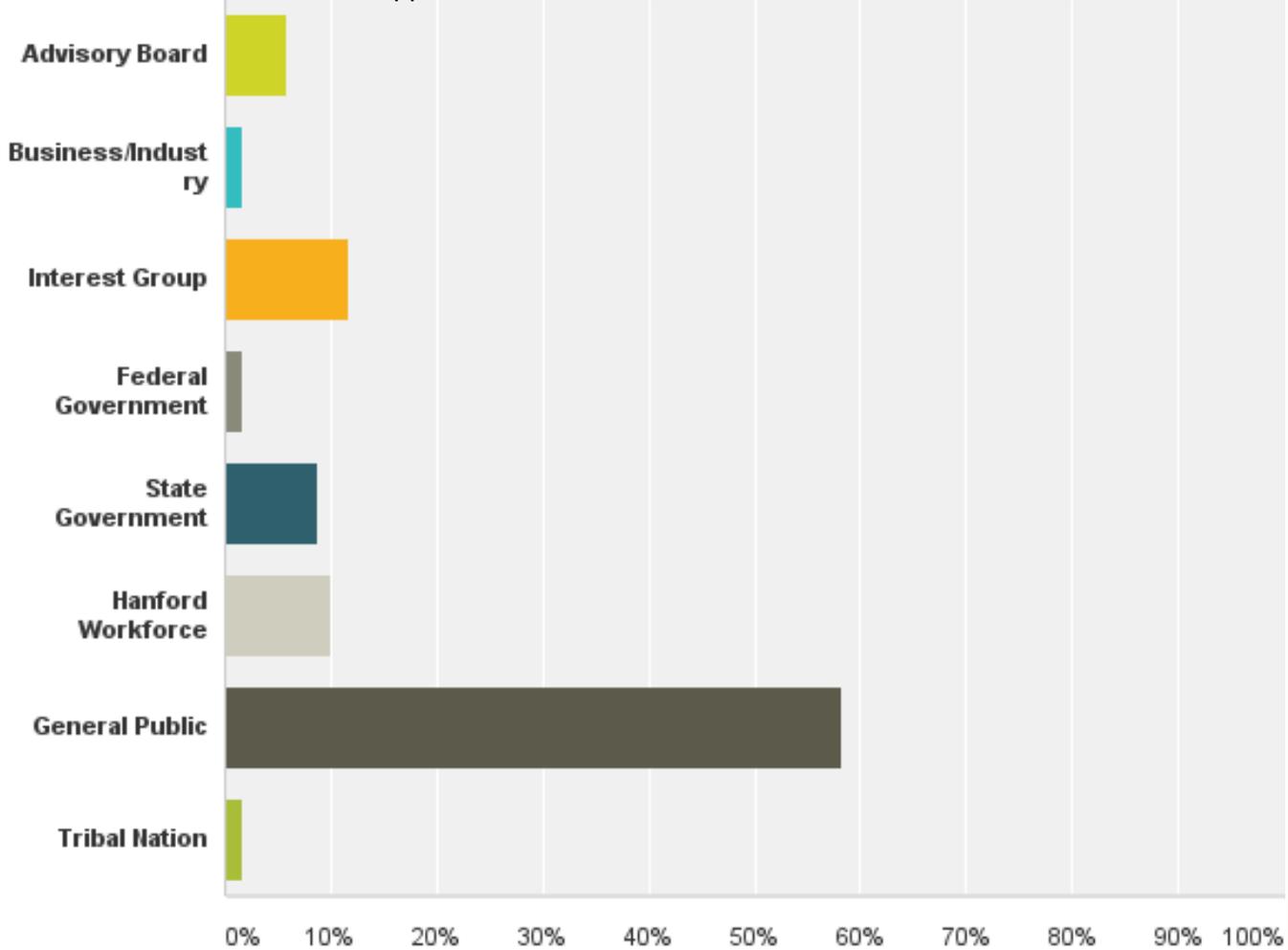
State of Oregon commentaries

Why did you limit "interest group" to website or media. Heart of America does public meetings, workshops, sends good Citizen Guides and calls.

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

Answered: 170

Skipped: 13



Answer Choices	Responses
Advisory Board	5.88% 10
Business/Industry	1.76% 3
Interest Group	11.76% 20
Federal Government	1.76% 3
State Government	8.82% 15
Hanford Workforce	10.00% 17
General Public	58.24% 99
Tribal Nation	1.76% 3
Total	170

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

Answered: 170

Skipped: 13

24 respondents provided specific comments

citizen

Educational Institution

Elected official for local community

former Ecology employee

Former resident of the tri-cities.

grandparent!

Heart of America Northwest (2)

I also teach at OSU but I do not represent OSU in anyway!

I am a cousin of Karen Luvaas, who grew up near Hanford. She died of radiation induced illnesses in 2015. This relationship makes me a pissed off and worried stakeholder for the human community.

I don't represent a group. It's just me, a citizen.

I help inform the public by placing this info on the home page of the website
Gogreentricities.org

I was introduced by the president

interested citizen

just a regular person, concerned about poison

Local City - West Richland

Medical and research radioisotopes

My mother's college roommate grew up in Richland and died young of cancer, a downwinder.

none

Oregon

Portland Oregon resident

School dist

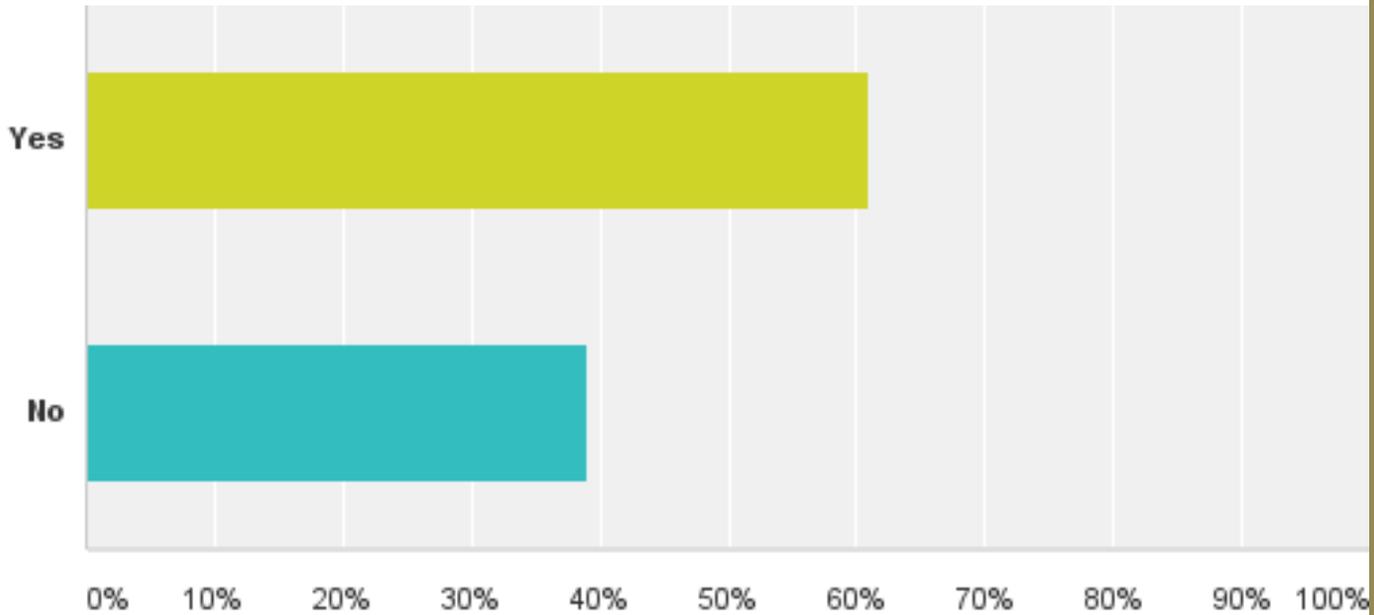
Why do you call citizen or public interest groups "interest group?"

worked for 35 years in area as RN/environmentalist

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

Answered: 179

Skipped: 4



Answer Choices	Responses
Yes	60.89% 109
No	39.11% 70
Total	179

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

Answered: 179

Skipped: 4

45 respondents provided specific comments

Agency notice of meetings is often too late for citizen groups to provide guides and organize turnout for meetings.

Agency notices don't give enough time to be prepared with responses or for public interest groups to develop their responses.

All information I receive is provided by Heart of America Northwest.

as often as not I hear from friends at last minute

At least 4 weeks notice ahead of a public meeting would be useful. Also useful information would be mention of topics under consideration at the meeting.

But not always, the most recent meetings about the TPA change package did not allow for enough time to prepare.

But there are very few involvement activities these days

Dept. of Ecology and DOE do not give adequate notice for meetings.

From Heart of America Northwest

Generally hear from KBOO or friends or Heart of America NW. Would like information sooner to arrange schedule more easily.

Hanford seems to have stopped having public meetings in the Portland metro area where many people live. why is this? we are downstream and numerous.

I am very busy with many things of interest to me. I need a lot of advance notice in order to accommodate the many things with which I want to participate or comment upon as it so often takes planning for travel to somewhat distant locations from my home.

I depend on Heart of A NW phone calls and newsletters to keep me informed. Please give them funds to support keeping me up to date on public meetings, and what will be discussed/decided based on the public meeting input.

I do get notices, but often cannot rearrange my schedule to attend, and was APPALLED to read on one proposed meeting schedule that 5 minutes would be allowed for public input.

I frequently miss meetings because I don't get advance notice. Despite the fact I'm on lists to be notified.

I get a lot of calls from various interest groups and so don't answer my phone every time, or read every e-mail that comes in from a non-profit, so oftentimes, once I've learned about a meeting, it has already happened.

I live in Northampton, Mass...

I need more time than a couple of weeks to plan on coming to a meeting

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

Answered: 179

Skipped: 4

45 specific comments continued

I receive notices of public comment periods and public meetings through emails from Ecology.

I would not receive any notification if it were not for organizations such as Heart of American and Columbia Riverkeeper.

In the past couple of years they seem few and far between and without much lead time.

It is way too short. You need to provide 6 weeks notice on any activities. Plus information is lacking on the more important items such as missing dates on cleanup deadlines and risks involved and on leaking tanks and generally anything controversial.

It seems a long time since an announced public meeting in Portland, OR. I think my last meeting attended was at the Lloyd Double Tree Hotel over a year ago.

It seems I learn too soon before any public meeting due to skimpy advance notice and publicity. I did attend a meeting in Vancouver, 2015 I believe, possibly 2014. I learned about this one from Columbia Riverkeeper, Friends of the Columbia Gorge, or Heart of America NW, not from official DOE publicity.

Living in Federal Way local meetings are few and far between

Meetings have been planned with short lead times. I can't always attend because of conflicts when meeting announcements are under a couple weeks. This is a very serious problem because I wish to keep abreast of Hanford issues.

more advanced notice 4 weeks - not two

Never. Held in my town Wenatchee and rarely in Spokane. Not enough lead time

Not sure...I receive some, but have no idea if its representative, seems like more communication would be occurring

Notices should be long enough ahead of time, at least 4 weeks, so that people have time to hear the issues and get guidance on the topics.

Often my notice from Hear of America Northwest comes too late for me to respond. I need time to bone up on the issues.

Please stop de-funding groups like Heart of America NW and Columbia Riverkeeper and Hanford Challenge! We need them!

Public meeting are generally never in my community and at best over one-hundred miles or more away.

Rarely do I receive any notice regarding Hanford. I get my information from Heart of america Group and friends who live in that part of the state.

Recent milestone change package public meeting notice was too short to involve others.

Should have at least a month.

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

Answered: 179

Skipped: 4

Specific comments continued

Since it is very hard for me to travel away from campus as a full time teacher, I would like to have at least 4 weeks notice when a meeting will be held. I want the meeting to be near a public transportation hub so it is accessible to a non-driver.

somewhat, some notices are rather short, most give adequate time

There seems to be little or no outreach going on.

There was inadequate notice for the TPA Milestone change hearings in the Fall.

too short

Via Washington PSR and Hanford Challenge and Heart of America

We have attended Hanford hearings for 25 years. The last few years have been the worst notification ever. For fewer and fewer meetings. Even the Bush years were better! There is not advance notice given for meetings. There should be at least a month notice. And I would like a follow up reminder to go out at one week.

Would love info early and often. Would also like it announced in newspapers and mainstream media sources, tv news

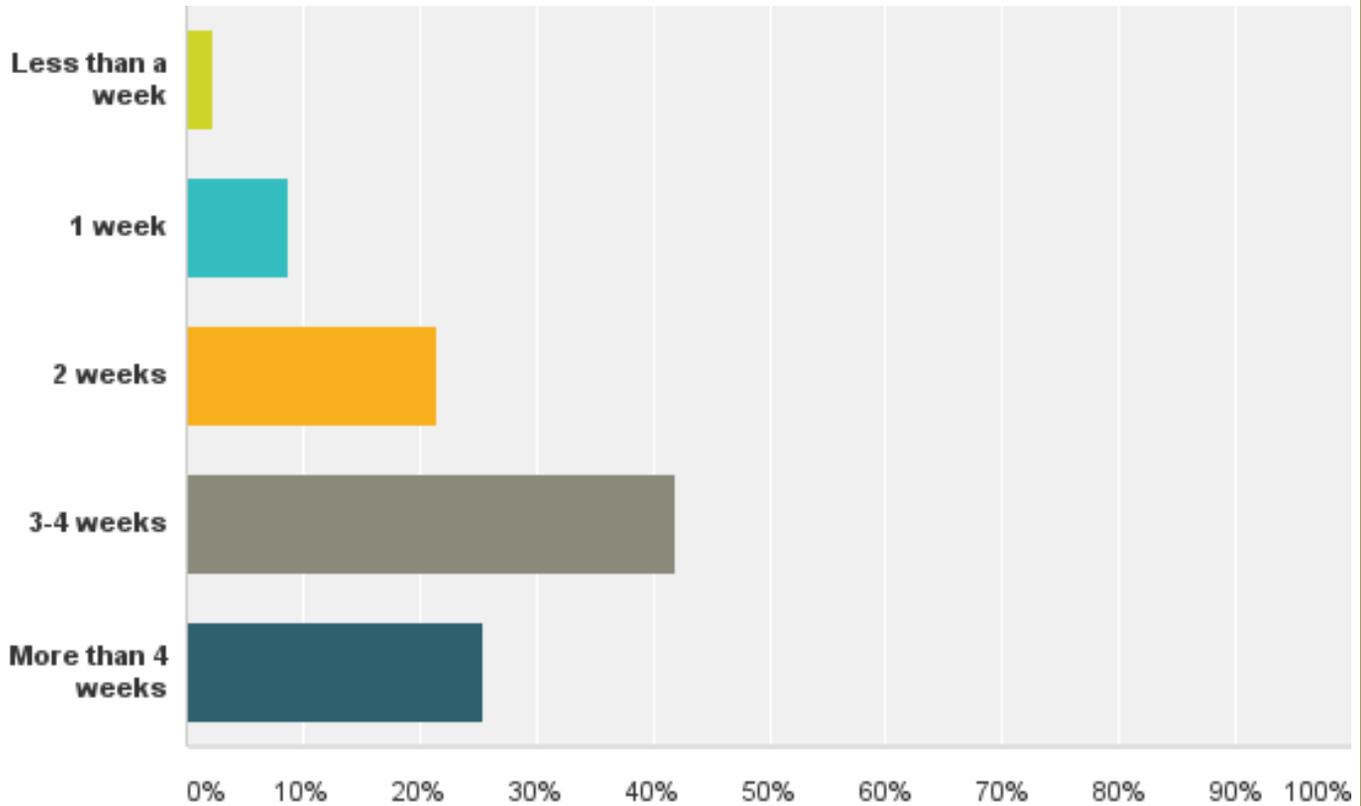


TPA Change Package meeting in November of 2015

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

Answered: 181

Skipped: 2

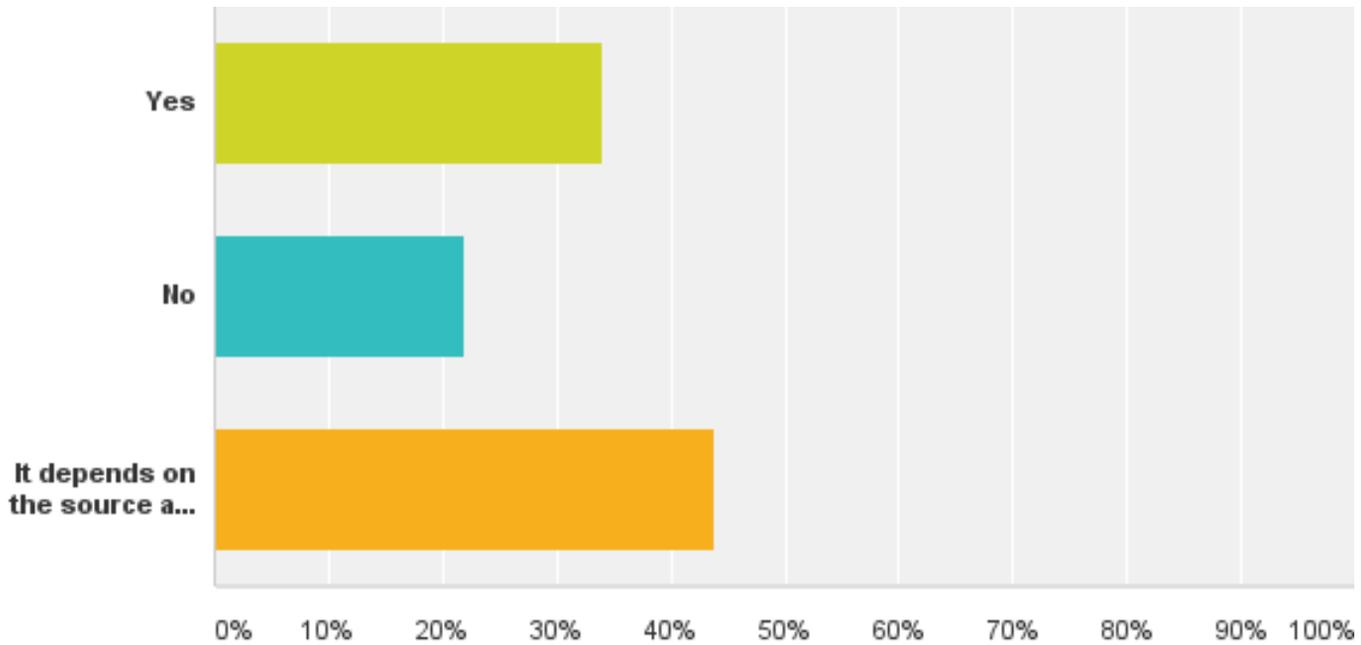


Answer Choices	Responses
Less than a week	2.21% 4
1 week	8.84% 16
2 weeks	21.55% 39
3-4 weeks	41.99% 76
More than 4 weeks	25.41% 46
Total	181

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

Answered: 173

Skipped: 10



Answer Choices	Responses
Yes	34.10% 59
No	21.97% 38
It depends on the source and topic	43.93% 76
Total	173

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

Answered: 173

Skipped: 10

47 respondents provided specific comments

Agency announcements rarely note environmental risks from delay present to public, cleanup milestones schedule, and leaking nuclear waste tanks.

Agency mailings rarely note major controversial aspects of proposals, such as delaying cleanup milestones, risks from delay, replacing milestones with dates To be Determined (TBD), permit violations, or restricting access to an area for a hundred years using "monitored natural attenuation."

Agency mailings rarely note major controversial aspects of proposals, such as replacing milestones with dates TBD, permit violations, or restricting access to an area for a hundred years using "monitored natural attenuation."

Agency mailings typically don't include all of the important issues.

Anything that impacts legal commitments

Do not include history of this topic. I.e. How long has this been an issue and what has been previous actions

Don't really know.

Fact sheets are particularly helpful because they provide a topic alert and an indication where one can go to get more useful, detailed, and responsible information. Ecology, EPA, DOE and related sites are good resources for accessible information.

For example, information for the TPA milestone changes in the Fall was inadequate. It gave information about shifting timelines but little information (if any) about the ramifications of delays.

Frequently the notices contain a request for public input on some highly technical work or arcane administrative activity, for which the general public has no background from which to make a meaningful comment. That promotes the general feeling that many Hanford activities are "hamster-on-the-wheel" in nature, and intended to prolong cleanup and site restoration, and the attendant bureaucracy, as long as possible.

Given the risks involved and the deadlines that keep on getting pushed back, in spite of a billion dollars a year being spent at the site, most notices sound like cheerleading. They are overly positive and do not reflect the very many problems that could become a major environmental disaster in the event of an Earthquake, a leak or a hydrogen explosion.

I do not get these.

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

Answered: 173

Skipped: 10

Specific comments continued

I don't do a lot of reading on the technical stuff. Partly because I don't trust that the real issues are not being drowned in technical details.

I don't often get information from the Agencies. I find out about the agreement in bite-size pieces which are therefore understandable, from interest groups and environmental organizations who seem to be the ones who know how to share/distribute information that regular citizens want to know about. Agencies seem to send out information that makes it something I would have to study and analyze in the manner of a working person tackling a very unclear or obscurely worded assignment from a difficult boss.

I don't receive notices from the TPA agencies, I only receive information from an interest group.

I don't see these notices.

I have 7 years of college or above education - the notices are 1) arcane 2) do not reveal what the delays mean to the overall cleanup

I have been following these for over 20 years. It is always difficult to understand what is to be discussed. Acronyms and industry words are like a foreign language to the general public. It's almost as if the agencies are trying to keep us from understanding issues/progress by using inside language.

I have learned that the TPA and EPA cannot be believed and regularly twist to cover greater problems not being properly by our laws addressed.

I have never received a notice from the Tri-Party Agreement agencies.

I think intentionally made obscure so as to minimize seriousness of issues to be discussed.

I'm always interested in the ecological, public health, international law issues around Yakama Nation v. U. S. on cleaning up Hanford to livable standards today and in the future.

In some of the emails and the DOE communications, I think there is little translation of what is important to know for the layperson but I am educated on Hanford and nuclear issues so I try and decipher some of it but please continue to try to unpack the technical aspects. Your announcements could one day be examples of how very technical information can be made accessible to the public. I am sure there is no evil intent, but it is discouraging because of the complexity and time involved to follow and decipher what is important about the clean up issues.

Information from TPA agencies do not clarify important serious aspects of Hanford cleanup proposals, such as delaying cleanup milestones, risks from delay, leaking nuclear waste tanks, replacing milestones with dates To be Determined (TBD), permit violations, or restricting access to an area for a hundred years using "monitored natural attenuation." Truly TPA agencies are not really grounded in the reality we all are facing.

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

Answered: 173

Skipped: 10

specific comments continued

More direct and I trust them more

Most "official" information obscures the gravity of the pollution problems and the content generally explains yet another side-stepping strategy to avoid cleanup while "explaining" why more funds are needed.

Most are not very appealing and go straight into the recycling... It's hard to care when there's no obvious headline of why I should

My weakness. Not the fault of the authors.

need more pros and cons

Never saw one

Notices are generally lacking any informative detail. To find out what the notice is about requires digging into on-line sources. I'd recommend adding more information. For example, instead of saying just that there will be a permit modification add what the modification will entail (e.g., moving a boundary, a small process change, re-issuing but functionally equivalent, etc.).

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Please share specific examples

Presentations were OK

Sometimes I don't understand what permits are being discussed because they're listed by formal title (with numbers, etc...)

sometimes there is too much technical info and acronyms that obfuscate straightforward understanding.

the controversial topics are usually not stated but are hidden from public view.

The emails are often too technical - I like the guides that interest groups create that are more understandable.

The fact sheets framing the issue generally make the issue, the nature of the solution clear. One also is given access to additional sources that expand upon the primary material.

The Hanford site cleanup is ongoing, complex, controversial, very very expensive, political and will never be completed. How the particular action relates to this reality should be stated every time not just what is being done.

The issues mentioned are not the ones I am most concerned about. I want to know ahead of time where the problems are and what is being planned to address them.

There is not enough information in the announcements of upcoming events or document reviews to understand their importance/relevance to Hanford cleanup.

They are usually too technical and written from the point of view of the DOE, which frankly, I don't trust. So I rely on interest group communications to provide context and meaning.

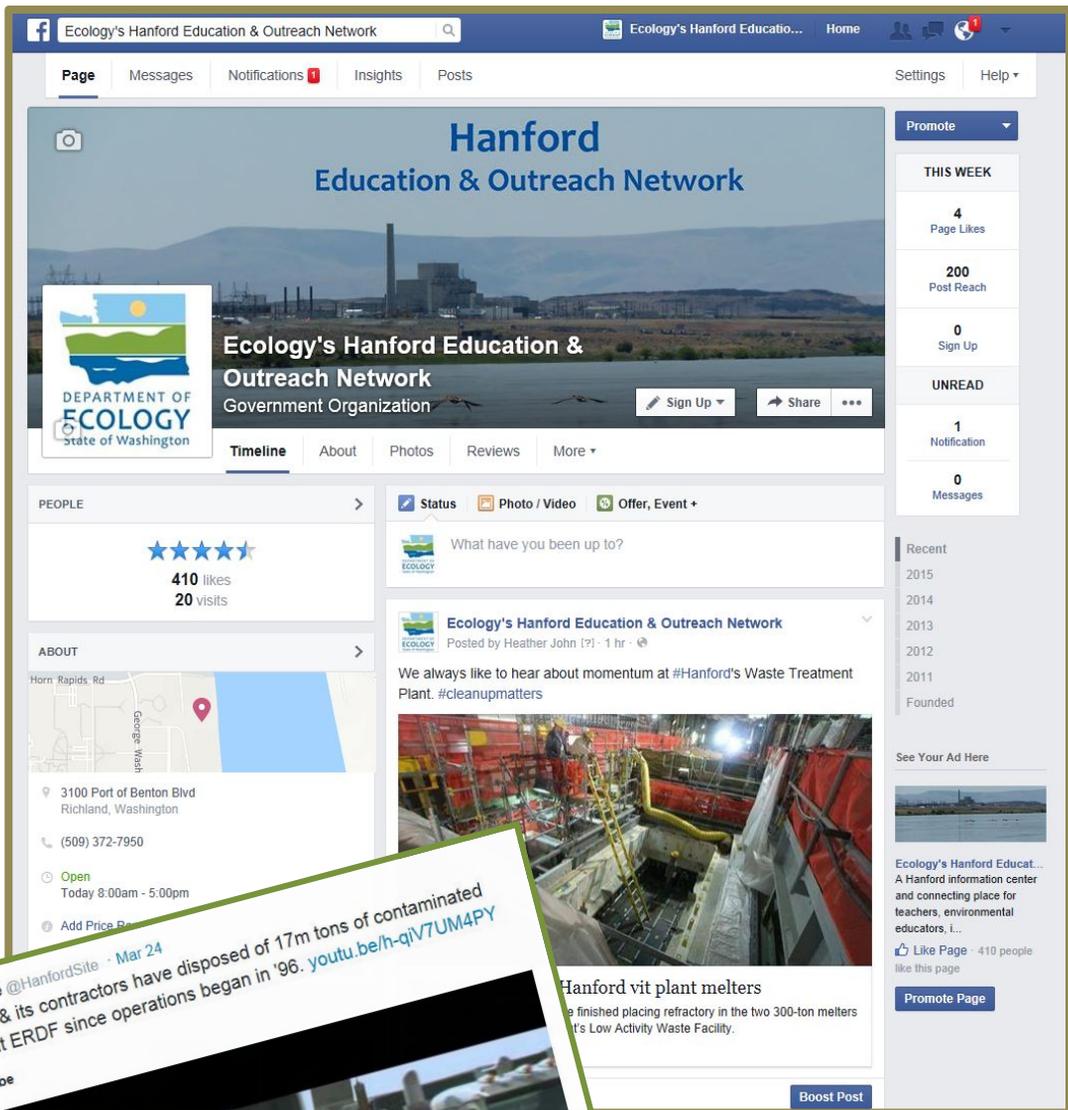
To be honest, I don't read the emails from the agencies

Too technical. That is why I appreciate Heart of America nw

TPA should categorize into simpler one word notice headings e.g. budget, schedule, scope, safety, etc. When the heading is too technical in nature it doesn't peak my interest immediately and I go back to it if I can when demand on time is less.

Usually they are too technical. It would be helpful to have two types of notices: for professional and for the general public.

You need to make clear in the notices what the controversial issues are, whether there have been any violations or risks that should be raised, or any delays, leaks, etc.

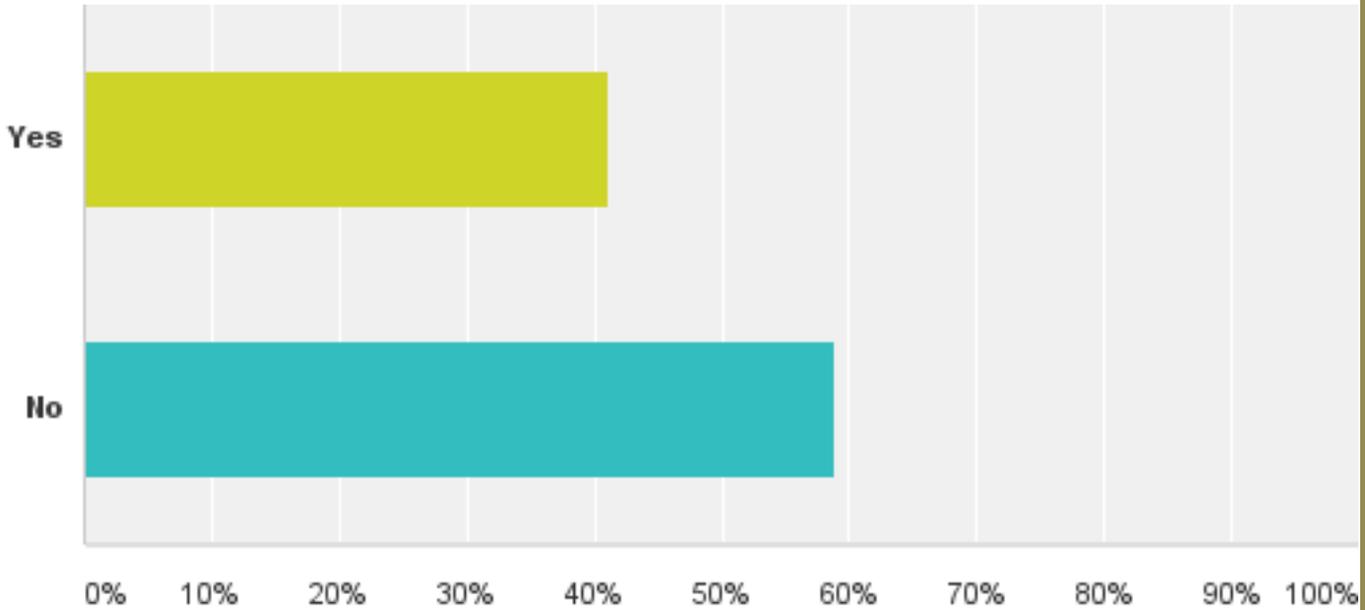


Social media outreach through sites such as Facebook and Twitter help the TPA agencies reach broader audiences and engage more people.

Q7: Did you attend a Hanford-related meeting or other event hosted by a TPA agency in 2015?

Answered: 180

Skipped: 3



Answer Choices	Responses
Yes	41.11% 74
No	58.89% 106
Total	180



Hanford Advisory Board meetings are one of many ways to learn about Hanford decision making. The board is made up of representatives from the public, Hanford workforce, local governments, tribes, the state of Oregon and public interest groups.

Q7: Did you attend a Hanford-related meeting or other event hosted by a TPA agency in 2015?

Answered: 180

Skipped: 3

58 respondents provided specific responses

A powerpoint presentation on Hanford decommission.

A TPA meeting in Richland about how many more public meeting were to be held in 2015.

Apparently funding for public participation grants to Heart of America have been cut - creating extreme hardship in their efforts to do their job. Why would an agency cut funding for such a vital service?

At Hood River Inn. Might have been two meetings there but they might have had a different sponsor for the second one.

Budget meeting and 2 other TPA meetings

Budget meetings TPA meetings HAB meetings Technical briefings

Central Plateau TPA. The agencies held exactly one meeting in Seattle in 2015 (on the Central Plateau milestones). They gave too little notice for Heart of America to provide notice to members and do turnout; and, Ecology had cut all funding for us to provide notice. Not surprisingly, turnout was dismal.

Change package public comment meetings; budget workshop

Class 3 change permit public meeting at the Richland Library.

ECY Clean Air Rules webinar and discussions

HAB

HAB and HAB committee meetings, as well as public involvement meetings

HAB Board/Committee meetings, interest group meetings, and topic specific meetings such as the recent public change package discussions.

HAB Meetings

HAB meetings; sub-committee meetings (RAP, TWC, PIC)

HAB, Tribal/DOE Meetings, etc.

Hanford Advisory Board meetings; public meetings on the Budget, on the central plateau change packages, and-so-forth.

I attend Hanford Oversight Board meetings about 3 times per year.

I attended HAB meetings and more than one public hearing.

I attended one meeting in North Portland in 2014

I attended the Seattle meeting regarding the 43 miles of unlined trenches on the Central Plateau.

Q7: Did you attend a Hanford-related meeting or other event hosted by a TPA agency in 2015?

Answered: 180

Skipped: 3

Specific responses continued

I attended two meetings (one in Richland and one in Seattle) about the TPA change package.

I live in Spokane, no meetings were held here. Wish they were.

I wasn't aware there was a meeting.

I'm an At-Large Member of the HAB.

I'm sorry, I can't remember for sure

In Vancouver; springtime, as I recall. Near the Clark County college, in a meeting hall in a city park.

It was either early 2015 or late 2014 I think was my last meeting.

M-015, M-106, M-085, M-037, and M-094 milestone extensions.

Meetings or presentations that occur in Port, OR

Milestone change package x2; HAB

Milestone change public meeting

Mostly DOE and WSDOE related meetings. Some HAB.

None to my knowledge in my community of Spokane WA and communities otherwise were listed far and to far away.

Not enough notice

Not enough time to plan to go

Not hosted by TPA. Hosted by River Keepers.

OHCB

Oregon Advisory Committee at Boardman. otherwise it was the public interest groups who sponsored meetings ie in Vancouver and Portland.

Portland and Vancouver meetings

Public Budget Meeting

Public meeting on change package, HAB meetings, Manhattan Project National Park meeting

Public Meetings for Hanford Permit Modifications

Quarterly Report, Permit related meeting WESF

Q7: Did you attend a Hanford-related meeting or other event hosted by a TPA agency in 2015?

Answered: 180

Skipped: 3

Specific responses continued

Richland & Portland

Seattle and Portland

Seattle public hearing

The meeting at the Marriott in downtown Portland on 11/18/15--re: state of the site and slipping deadlines.

there was one in Seattle this last year - many notices - one meeting

There were a number of meetings with DOE-RL/ORP and Washington State Department of Ecology

Those that were announced by Heart of America Northwest that they were occurring, otherwise I would have not known the TPA agencies were having a meeting.

TWC meetings

Was there one here?

We need more meetings on the west side of the mountains!

Whenever in Hood River.

would have, but never got notice

wpsr / hc briefings

you need to have more of them in Seattle or Tacoma



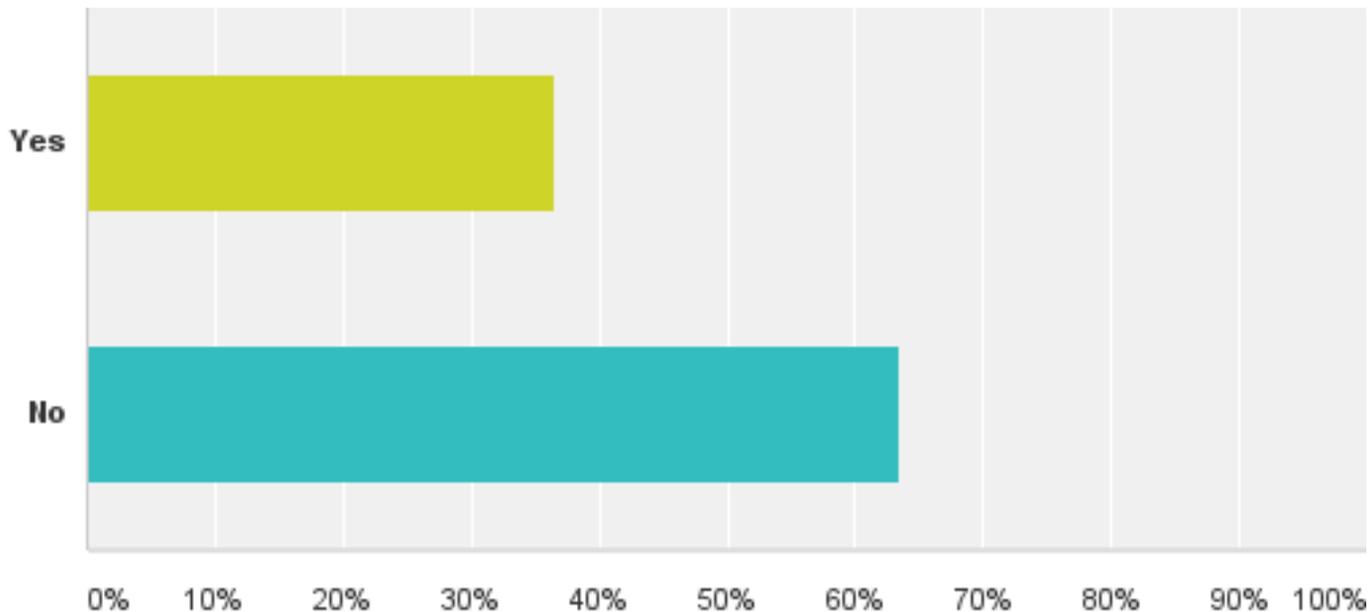
Public tours of Hanford are becoming more available as individual waste areas are cleaned up and the need for security decreases.

Learn about tours on the Dept. of Energy's website www.hanford.gov

Q8: Did you attend any other Hanford-related meetings or activities in 2015? (e.g. hosted by an interest group)

Answered: 178

Skipped: 5



Answer Choices	Responses
Yes	36.52% 65
No	63.48% 113
Total	178

Q8: Did you attend any other Hanford-related meetings or activities in 2015? (e.g. hosted by an interest group)

Answered: 178

Skipped: 5

52 respondents provided specific responses

2 by Heart of America Northwest in Seattle

A speaker came to our Dayton Lions Club meeting and did a great presentation about the Hanford cleanup.

Beryllium briefing, public outreach event Red Lion, on-site tour WTP.

board meetings / ice cream socials

church

Columbia Riverkeeper held a State of Hanford meeting in Walla Walla. Myself and four members of my group attended this event.

Community-led State of the Site meetings were very well done and informative.

Don't have time this morning to fetch out dates - Portland

Eugene

HAB

HAB meetings and some public meetings.

HAB meetings, Hanford Challenge Ice Cream social, Hanford Challenge Hanford in Gingerbread winter meeting, Manhattan Project National Historic Park public meeting.

HAB/OHCB meetings

Hanford Advisory Board Physicians for Social Responsibility

Hanford Communities

Hanford contractor meetings.

Hanford Forum

Heart of America

Heart of America did and it was very helpful.

Heart of America held a meeting

Heart of America NW

I attended a wonderful workshop in Ballard (Seattle) presented by students from the U of W and sponsored by Heart of America Northwest.

I attended an panel of speakers event in the Seattle City Council chamber sponsored by Seattle City Council member Kashama Sawant. The panel discussed the Columbia Generating station nuclear power plant at Hanford

I forgot

I wanted to attend meetings also

Local groups in Portland

multiple community and work-related meetings

My company has All-Hands meetings regularly and open forum for Q&A at the end. Hanford is of topic.

National Park meetings

Q8: Did you attend any other Hanford-related meetings or activities in 2015? (e.g. hosted by an interest group)

Answered: 178

Skipped: 5

Specific responses continued

OHCB

One organized primarily by Heart of America Northwest.

Oregon Cleanup Board presentations through OMSI, League of Women-Voters Hanford Tour/Debrief

Oregon Hanford Advisory Board

Oregon Hanford Cleanup Board

Parks Department Hanford National Park forum

phys. soc responsibility

Portland meetings provided by Hanford Watch, Portland State University, Oregon State Department of Energy

Pre meeting informational workshop. I got good information there.

Press conference w/ attorney general regarding Hanford worker exposures.

press conferences, public meetings on vapors, State of the Site meeting which was held by public interest groups.

Same as above (I can't remember)

See above. (Hood River)

Stayed in touch via internet

There was one at a community center in Vancouver by the Clark County Community College campus in the spring which was sponsored by several interest groups.

there was only one meeting here, and I was out of town

Tours

Two in Vancouver WA one in Portland Or.

Vancouver and Portland.

Vapor presentation by WRPS

Whenever in Hood River, whoever hosts it.

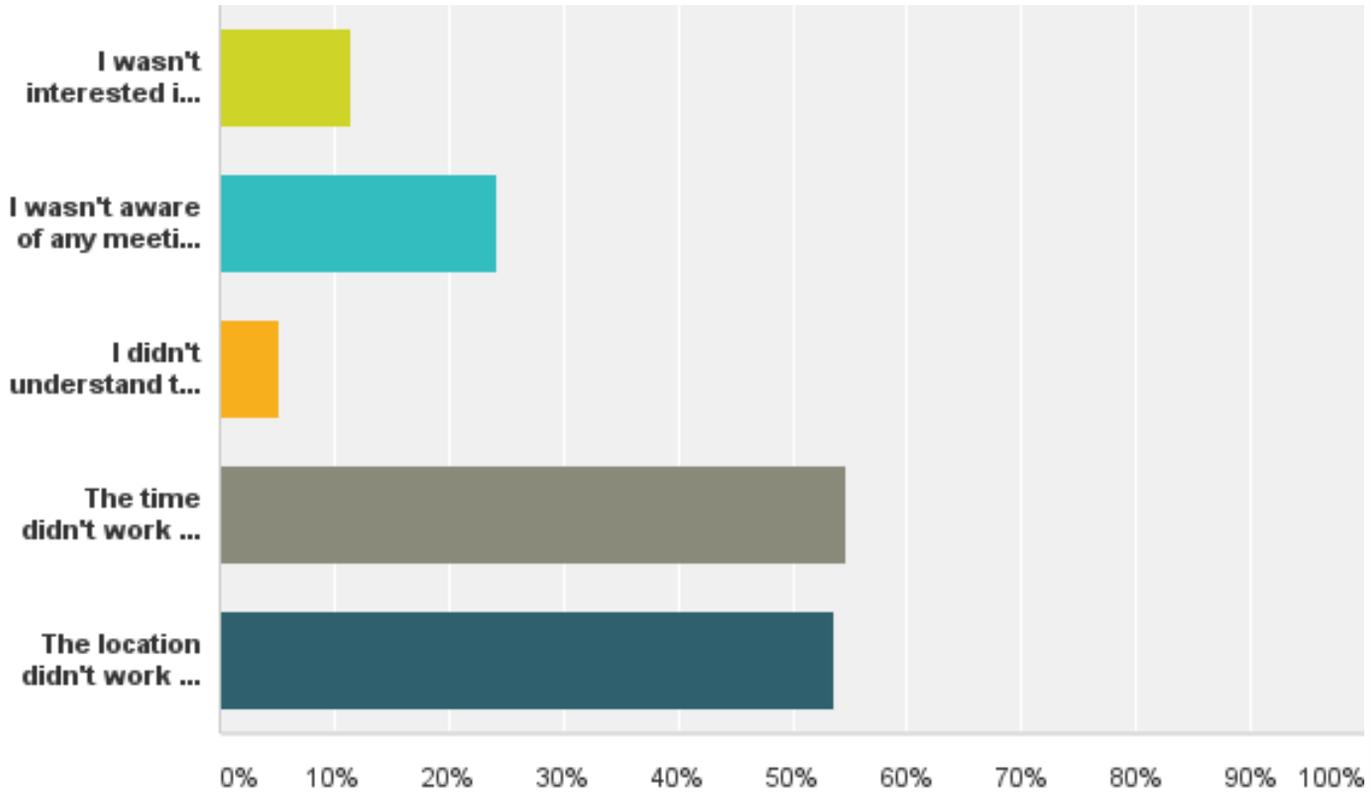
Work related.

Yes, I volunteered with Columbia Riverkeeper on 11/10/15 at an event welcoming the Concordia Univ. Prof. walking to Hanford and community Hanford presentation.

Q9: If you did not attend a Hanford-related meeting or other event in 2015, please tell us why. (Select all that apply)

Answered: 95

Skipped: 88



Answer Choices	Responses
I wasn't interested in the topic	11.58% 11
I wasn't aware of any meetings or events	24.21% 23
I didn't understand the purpose of the meeting or event	5.26% 5
The time didn't work for me	54.74% 52
The location didn't work for me	53.68% 51
Total Respondents: 95	

Q9: If you did not attend a Hanford-related meeting or other event in 2015, please tell us why. (Select all that apply)

Answered: 95

Skipped: 88

30 respondents provided specific responses

... or many other obligations.

Busy schedules require more notice and more places to be able to attend

Didn't feel I had much to offer. Not a top priority. (Too busy).

Distant location, therefore hard to attend.

Engaged primarily via Internet and phone

family and life issues

I am afraid of my management. I am not allowed to speak.

I attended several meeting.

I could not attend your meeting because I was out of town when it happened, and there was only one!

I have missed meetings because of scheduling.

I live in Longview WA so follow activities by internet

I live in Spokane

I no longer live in WA state. I lived there during the days when Chris Gregoire negotiated the TPA and the Department of Ecology was very helpful in supporting a good and timely clean up.

I live in Olympia.

I want to know all I can about what's happening at Hanford but have trouble locating where and when they are being held.

I was not interested in the specific topic

in my job in Olympia, i'm not part of the oversight on Hanford

Interest in attending recent public meetings has waned, based on the 'weaknesses' seen in attending earlier meetings. For example, presenters who did not clearly understand the topic; poor presentation materials; poorly prepared delivery of topic; lack of control of the meetings.

Just started summer last year

My PC broke down

Need more clear connection to my life as teacher

no state of the site meeting

Not able to leave my wife alone at home.

nothing in Wenatchee

please have meetings on the West side!

Poor use of my time; low value added

The notices don't give any useful information and I generally don't bother to take the time to follow-up any more.

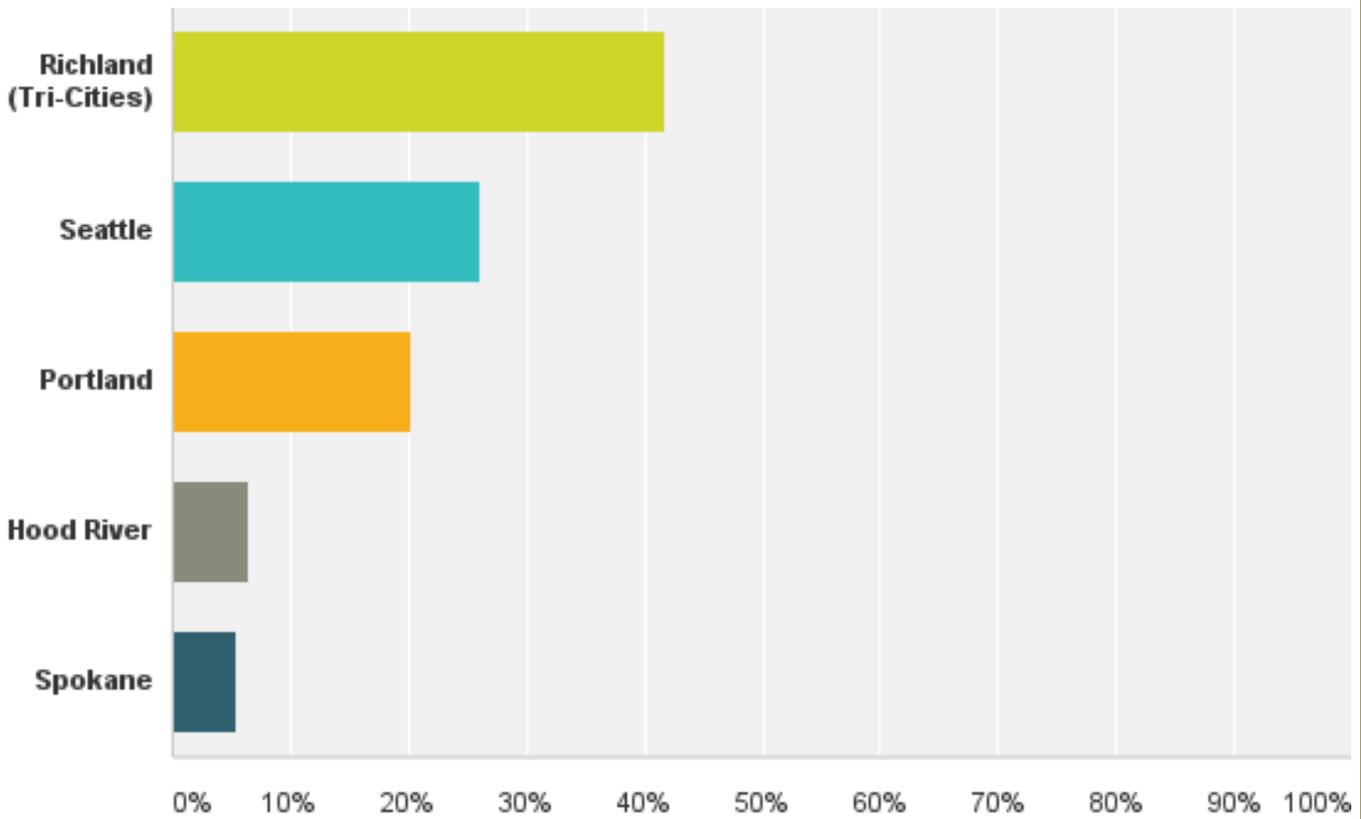
too busy on weeknights usually

Too tiring

Q10: In which location are you most likely to attend a public meeting/workshop or other Hanford-related activity?

Answered: 168

Skipped: 15



Answer Choices	Responses
Richland (Tri-Cities)	41.67% 70
Seattle	26.19% 44
Portland	20.24% 34
Hood River	6.55% 11
Spokane	5.36% 9
Total	168

Q10: In which location are you most likely to attend a public meeting/workshop or other Hanford-related activity?

Answered: 168

Skipped: 15

32 respondents provided specific responses

Anacortes

attend by skype/go to meeting

Bellevue (less distance for me, No Seattle traffic to deal with.)

By e-mail

Eastern Oregon I-84 corridor

Edmonds

Eugene

I live in Olympia & have trouble driving at night.

I live in Yakima, so even a trip to Tri-Cities takes an hour and a half each way.

I live too far away to come to any of these meetings, sorry.

Oregon Hanford Cleanup Board meetings (2 in varied locations along Columbia)

Kennewick

North of Seattle between Bellingham and Everett

Olympia (3)

Or Richland

Portland

San Diego, CA

Since the pollution impacts the whole state, seems informational meetings could be held south of Portland, too?

Tacoma - getting into Seattle is challenging (2)

These choices should be "rate-able," not just either/or.

Vancouver (5)

Wenatchee (2)

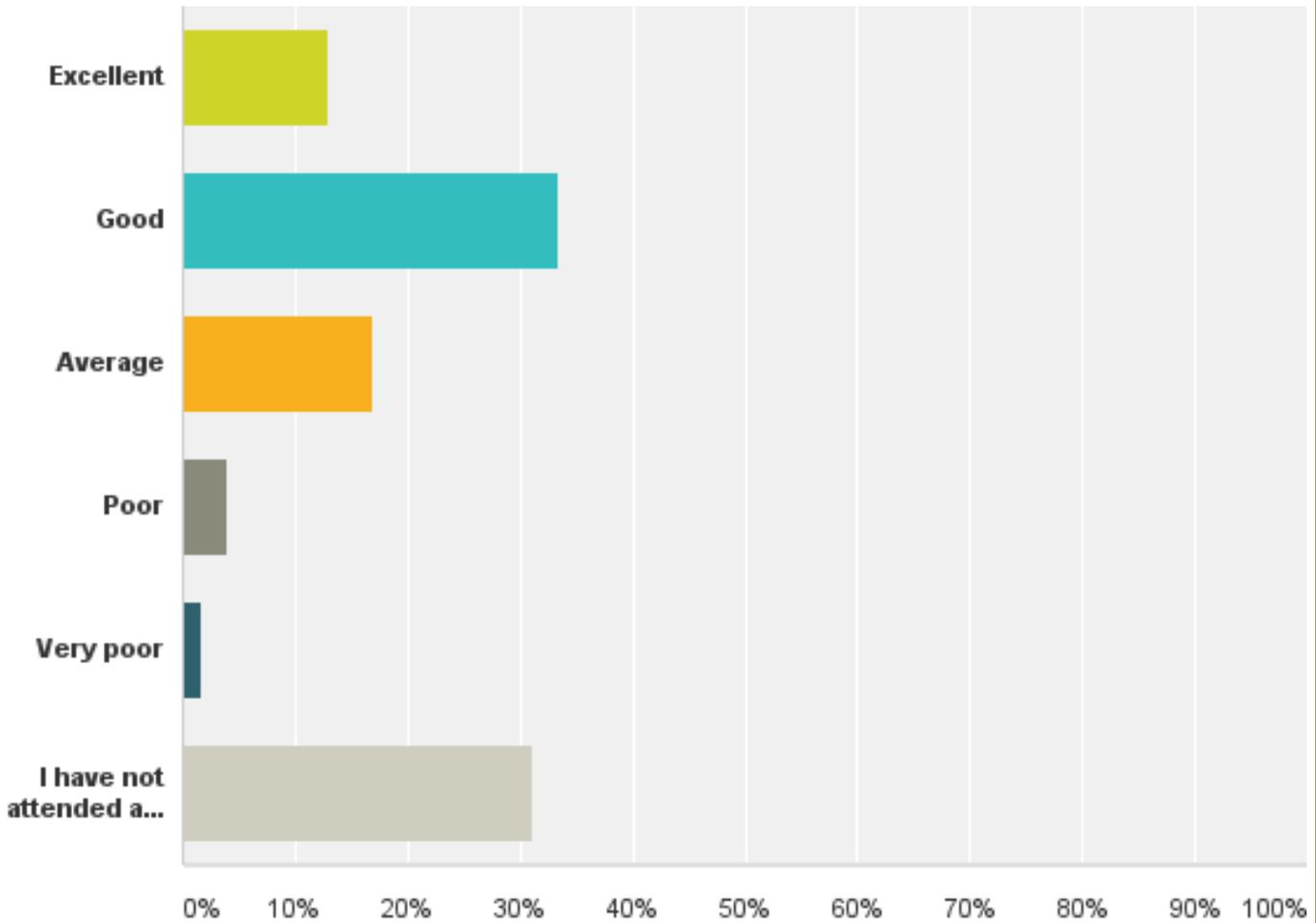
Would not travel outside of Tri-Cities for a Hanford related activity

WSU, Pullman

Q11: How would you rate the locations of the events you attended? (For example, hotel, library, etc.)

Answered: 177

Skipped: 6



Answer Choices	Responses	
Excellent	12.99%	23
Good	33.33%	59
Average	16.95%	30
Poor	3.95%	7
Very poor	1.69%	3
I have not attended a meeting or workshop	31.07%	55
Total		177

Q11: How would you rate the locations of the events you attended? (For example, hotel, library, etc.)

Answered: 177

Skipped: 6

21 respondents provided specific responses

Did not attend in 2015. In the past, the Seattle location in the U-District was adequate.

Best Western is a good location. The Adult Center meeting room is a good location. The truck stop in Troutdale is a BAD location.

Here in Spokane in previous years the meeting locations were good but very little public awareness was provided and to those who should be interested.

I attended meetings in both Olympia and Seattle when I lived in Washington state.

I was living in Portland at the time and the Vancouver site was easy to find.

In previous years I attended meetings in Tri Cities and Hood River- average

It is good to have free parking options and bus service.

Keeping the Tri-Cities public informed is most important. DOE should be more eager to participate in TC and other site presentation locations.

Locations away from the downtown Portland area that allow for easy parking and traffic are better for most people in this area. Lloyd Center has always been easier for most interested parties.

Most have been easy to find with parking available. That's important because I have to travel out of town to all events sponsored by the TPA agencies.

no accessibility

Over the years the locations have been mixed. Some very good and some not so good.

Red Lion

Richland library space is good; Hanford House basement location was poor

Richland Public Library

The change package meeting in downtown Portland was at a very nice hotel in a very difficult location. The meeting room was good, but parking, public transportation was difficult from SW Portland.

The community center was adequate.

The last one I attended in downtown Portland--great central location. I hate when they're at hotels near the I-5 bridge to Vancouver -- hard to get to by public transit.

The Richland Library is an excellent space, the Red Lion basement room less so. The Portland Marriot Waterfront site was physically well sized for the audience, but a difficult location for easy parking and public transport from SW Portland.

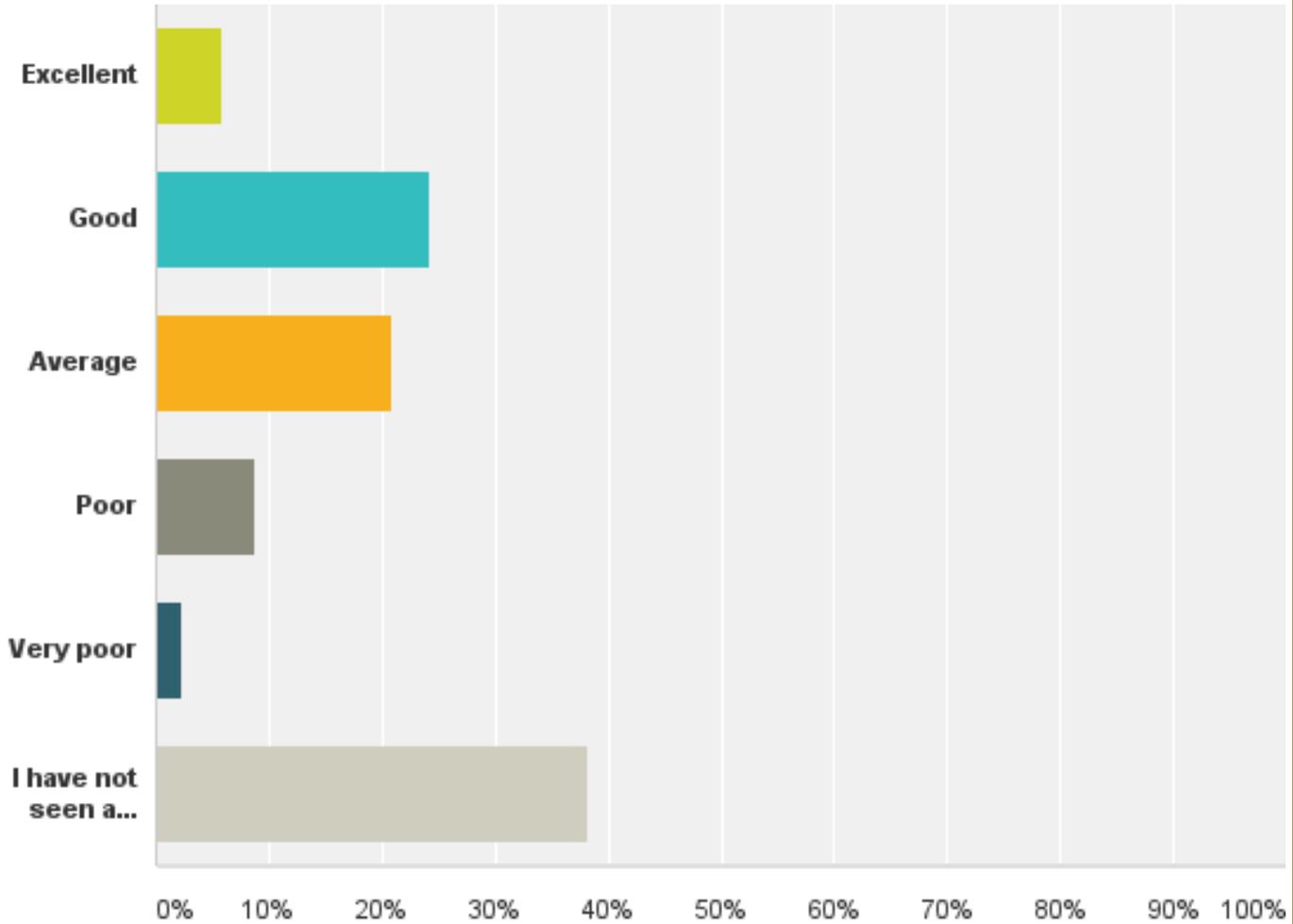
This is a silly question. All we need is room to listen and time/room to talk with each other. Hot coffee also helps.

Traffic and parking should be considered these days, have the meeting on a weekend! IF you really want people to attend.

Q12: How would you rate the TPA agencies' presentations at the events you attended?

Answered: 173

Skipped: 10



Answer Choices	Responses
Excellent	5.78% 10
Good	24.28% 42
Average	20.81% 36
Poor	8.67% 15
Very poor	2.31% 4
I have not seen a presentation	38.15% 66
Total	173

Q12: How would you rate the TPA agencies' presentations at the events you attended?

Answered: 173

Skipped: 10

31 respondents provided specific responses

1. We need an option for "Variable." 2. This should be a NATIONAL issue, not just a Northwest one!

Agency presentations have typically not provided a balanced view of the issues. Instead they focus just on the position that shows them in the best light. Outside interest groups have routinely provided the "rest of the picture" on Hanford issues.

Appreciate efforts to put issues into plain language for general public.

details, future meetups

DOE always goes over their allotted time. The information is interesting, but I think it's rude to the other TPA agencies.

Ecology's presentations better than DOE's.

HAB meetings provide a lot of information, but they remain inaccessible to active participation from the public. So while the presentations can be information-rich, the lack of interaction leaves big questions hanging unasked. The TPA meetings for the proposed milestone changes provided some candid assessments of why delays are proposed. But the agencies had to be probed to offer any information about the ramifications of the proposed delays.

I could not attend, you had only ONE meeting over this side!

I feel that the agencies are just going through the motions and try to minimize the problems without tackling the real problems. It's a tragedy and disgrace that both federal and local governments are not protecting the public.

I have hosted Max Power of the Oregon Hanford Advisory Board Washington and Oregon DOE at OSU a few times over the years and they are excellent voices for explaining the cleanup

I haven't seen one in over 10 years. Prior to that, they have been 'average.'

I went to one over a year ago and it was mostly why they're doing fine and don't worry about it.

In my experience, most of your effort is put into feeding us foregone conclusions rather than receiving input.

Lots of rhetoric avoiding the hard facts of this situation, acting like everything's under control.

Meeting introductions have become more sensitive to the presence of audience members who are not familiar with Hanford. Beginning meetings with an educational overview add strength to the subsequent discussions.

One has to look past the glossy presentations to find the truth

Poorly prepared presentation materials and talk delivery. Last year's HAB talk about radioactivity was poor, confusing, and at times simply wrong. HAB must do better if public is to be correctly informed about Hanford.

Q12: How would you rate the TPA agencies' presentations at the events you attended?

Answered: 173

Skipped: 10

specific responses continued

Presentation was made at Rotary Meeting

Reasonable though some time ago since one was presented in Spokane WA.

Same old problems, not enough resources to do paperwork or work plans; let alone actual clean up.

Still need to work on making the information accessible to the public.

the acronyms and industry language make the presentations difficult to understand.

The agency presentations seem Ho-Hum. They only do them because they have to.....and nothing really changes. Especially, the agency or getting things done.

The best thing that could be said about the meetings is that each of the three entities were asked to speak. I sense there are no controversial issue discussions between parties in public by agreement. (This angers me!)

The ones that use large graphs, pictures (before/after), trends, simple words and summarize in bullet points are good.

The presentations are generally content-free with lots of long-faced nodding and agreeing of the presenters with the attendees about how bad the situation has gotten and how little is being done. Same thing every time except there is always less progress for TPA to report each time, and at greater expense.

The presenters articulated their side of the issue well, but it is a side. The problem is that there are very real problems there in terms of their missing deadlines and their overall strategy for cleaning up the site. They have put all of their eggs into one basket with the vitrification plant with generous commissions going to the two companies that are building the plant and now it looks like that plant won't even be fully functional until at least 2033 and that is assuming that it is allowed to open in spite of them underestimating earthquake risks and beginning to build without having all of the engineering completed with regards to issues of how they are going to actually remove the waste from the tanks with 'pulse jet' liquifiers. The discussion of the unlined trenches which the meeting was supposed to discuss was very much saying that they didn't really have the money to clean up those unlined trenches on the Central Plateau even though a similar unlined trench in Nevada exploded last year releasing a cloud of radioactive hydrogen gas. They are not even asking for more money from the US Congress to make this a more urgent issue.

There is never enough time to be truly educated (rather than just informed) about what's happening there. A more concerted effort to involve residents in the cleanup would be greatly appreciated. I know this isn't easy!

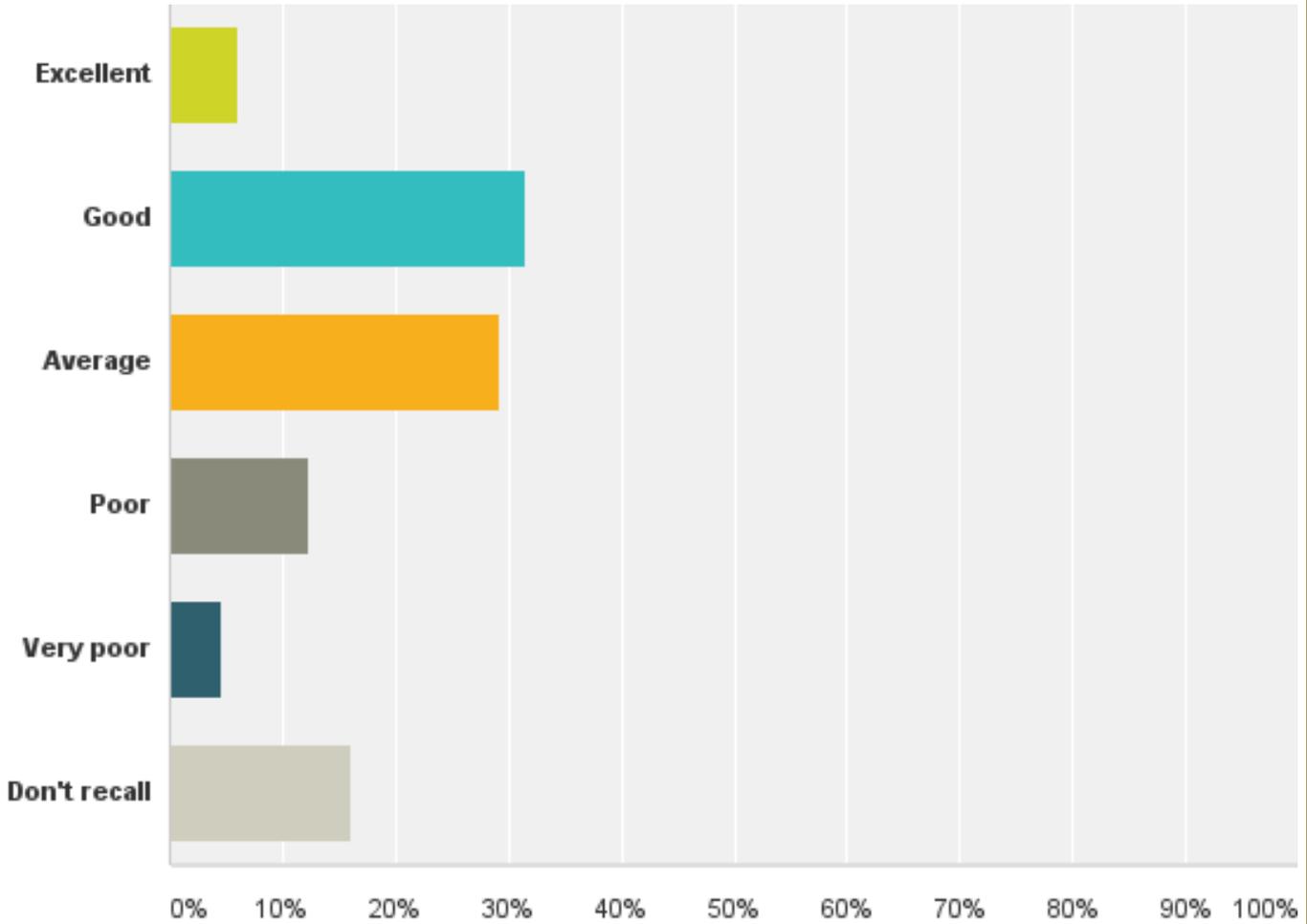
There were errors in the presentation materials and it was hard to understand the roles of the speakers when the audience knew more than the speakers.

Typically claim great progress while not explaining differing views - even when WA State is suing USDOE

Q13: How would you rate the discussion with TPA agency representatives at events you attended?

Answered: 130

Skipped: 53



Answer Choices	Responses
Excellent	6.15% 8
Good	31.54% 41
Average	29.23% 38
Poor	12.31% 16
Very poor	4.62% 6
Don't recall	16.15% 21
Total	130

Q13: How would you rate the discussion with TPA agency representatives at events you attended?

Answered: 130

Skipped: 53

34 respondents provided specific comments

Meeting started too late and many questions didn't get answered

there was a crush

The last one I went to TPA agency reps included the Hanford Advisory group. Good. Would also be good to have Oregon State reps there as presenters and reps from the Yakama Nation.

Haven't been to one.

could not come to the ONLY meeting y'all had here!~

As above. the presenters agree with almost anything the crowd brings up. It appears they have taken a seminar on how to avoid the consequences of inaction while putting lipstick on the pig.

They are articulate mouthpieces that discuss the status quo and how it's not going to change at the site.

I believe most of the individuals who have spoken have been sincere in what they said. It must be very difficult for them to avoid seeing involved citizens as the "enemy."

Sadly tragic.

Outstanding folks above who explained the issues very well and made all comments welcome, and it was a presentation for us, not a hearing or what not.

These were meetings with people reporting on efforts to get agencies to act responsibly.

Although I didn't attend, I get detailed emails from people who did.

Genuinely believe all TPA agencies are partners in getting clean up done safely, timely, and to the best technical level possible with the available funding, yet some HAB representatives express themselves in a manner that is counterproductive to the partnership we are all in.

Average to poor. DOE ORP/Bechtel staff talks commonly weakest. WSDOE also needs to improve talk quality.

See above. It seems they are just there because it's their job and they are being paid for it.

didn't attend (3)

It has been a few years- seemed designed to smooth over differences in opinions

N/A (4)

Q13: How would you rate the discussion with TPA agency representatives at events you attended?

Answered: 130

Skipped: 53

Specific responses continued

Agency staff were, by and large, cordial and helpful.

The managers didn't seem to know much. They thought that mom and apple pie platitudes would answer my questions. All they did is annoy me with their "I am in charge" swagger, while not knowing the subject at hand. They couldn't just say that they didn't know something.

Representatives of ORP provided stock response: no new information because waiting to revise baseline.

Sometimes TPA agencies are constrained by court proceedings and are unable to fully discuss some topics

I think DOE-RL should of been a little more forthcoming to the regulators that these milestones would be missed. I understand the recent central plateau extensions. DOE-ORP WTP problems are a fiasco. I support DFLAW and DFHLW as methods to help correct the problems. I would fire Bechtel and hire AMEC Foster Wheeler for the project since significant Pretreatment changes will be needed and these are not in Bechtel's contract and will be opposed by them. It would be cheaper and more effective to switch contractors. It is hoped ORP management will step up and not be too buddy buddy with Bechtel.

Representatives seem better prepared to deal with the diverse audiences that are typically attending the events. Also, it does seem that some of the confrontational behavior (chiefly in the audience) seen in the past has dissipated.

Again, one has to wonder what may not be said. The public hasn't much faith in what reps say.

Problem was not with speakers, who did a good job. One member of the public was allowed to ramble on and on, answer questions posed to speakers and repeatedly cut off the speakers. Meeting needed better control to allow rest of the public to interact with TPA agencies.

Some of the representatives give good thoughtful answers to questions; others give an obviously canned response. Some of the representatives appear to be insincere and not really very interested in being there.

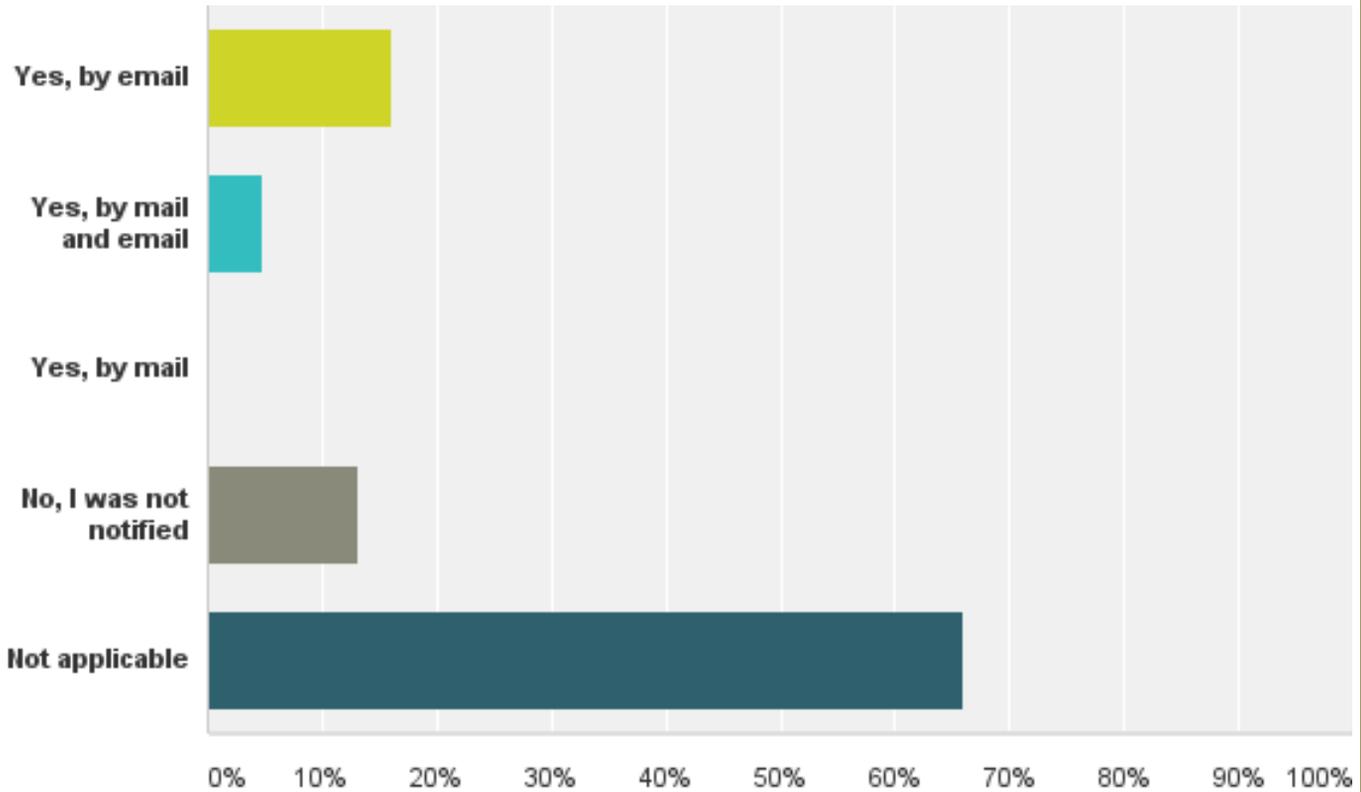
can't say

For DOE ---- what discussion? They don't discuss. For Ecology, much better. You really shouldn't lump DOE, EPA and Ecology together under "TPA Agencies" in future surveys

Q14: If you provided comment during a public comment period, were you notified when responses to comments were available?

Answered: 167

Skipped: 16

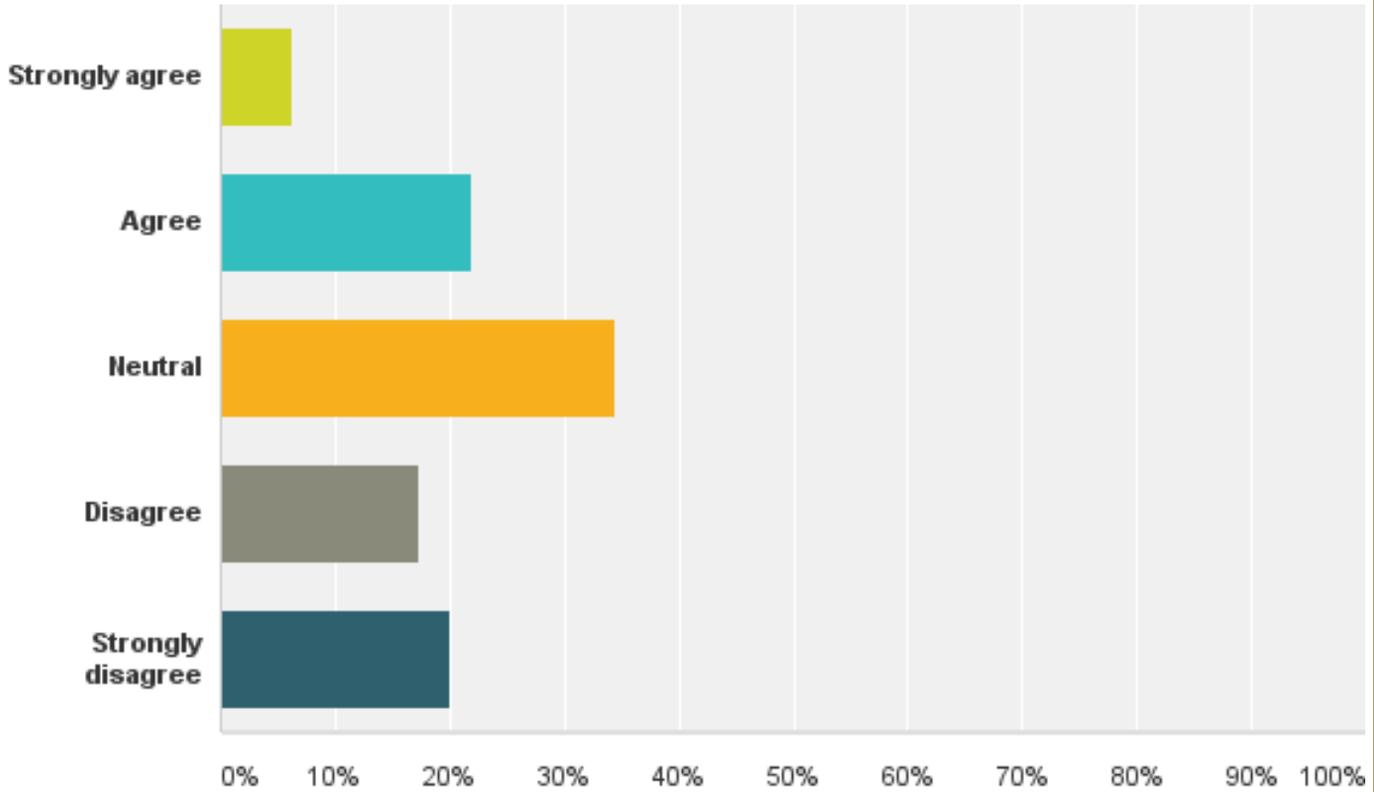


Answer Choices	Responses
Yes, by email	16.17% 27
Yes, by mail and email	4.79% 8
Yes, by mail	0.00% 0
No, I was not notified	13.17% 22
Not applicable	65.87% 110
Total	167

Q15: How would you answer the following statement: “I believe my input helps influence Hanford cleanup decisions.”

Answered: 174

Skipped: 9



Answer Choices	Responses
Strongly agree	6.32% 11
Agree	21.84% 38
Neutral	34.48% 60
Disagree	17.24% 30
Strongly disagree	20.11% 35
Total	174

Q15: How would you answer the following statement: “I believe my input helps influence Hanford cleanup decisions.”

Answered: 174

Skipped: 9

65 respondents provided specific comments

Lack of public awareness due to Agency not providing enough information early enough to understand policies does not allow adequate time to offer input

Not one of my concerns have been addressed.

I voted in favor of Initiative 297, approved by 69 percent of Washington voters, that blocks Hanford from being the national rad-waste dump ... It remains the most contaminated site in the nation.

Only citizen input assures that accountability is in place. We have seen this time and time again in the hx of Hanford.

I'm 70 years old and this cleanup business has been going on my whole life with little progress.

I have been concerned about getting the tanks emptied and contents stored safely (vitrification) above ground since the 1980s.

I think most of the public would like Hanford cleanup to be faster and more thorough. It seems that there are continually moves to delay and dilute cleanup.

Said the same things for years and have seen it make zero impact.

Agree but the amount of influence is minor.

Doubtful one voice will have much affect. Politics and money trump science study results and concern for water quality.

I think my input helps indirectly but definitely helps increase and enhance the larger dialogue. There are many voices often missing, however, which limits local knowledge and understanding of Hanford. My frustration is that the dialogue is so very limited to technology and money. Social justice, climate change, and other perspectives need to be included.

Not knowledgeable enough to participate

In the past, when more involved, I would have said: 'agree.' But, that was over ten years ago.

Cleanup decisions are clearly made before the public comment period. I wish that the general public had more input.

None of my ideas are implemented, and I feel I only get lip service. Deadlines cannot be extended!!

The public needs to clearly understand what the actual dire consequences would be if all cleanup and monitoring activities immediately ceased at Hanford. Next they need to know what the worst case scenario is if the cleanup keeps getting delayed and timelimes are extended. Everyone agrees it will be bad but nobody will articulate it in plain english. Until you actually have the guts to do both of these things you are playing around.

Nobody's input helps effect the cleanup. Everybody's input affects the performance art that is the explanation of exactly how nothing gets done.

I believe the TPA feels presentations are a mere nuisance - Hanford should have been cleaned 100% by now - the original plan

Q15: How would you answer the following statement: “I believe my input helps influence Hanford cleanup decisions.”

Answered: 174

Skipped: 9

Specific responses continued

But not because of the TPA notices or meetings.

I believe it is incredibly important for citizens to have a voice in the cleanup of something so vast and so potentially catastrophic for our environment. On the other hand, cleanup of Hanford is about money and US Federal politics and as a citizen, I feel that my voice as someone who is concerned about this issue is important because if there were no voices, then the bar would be even lower for getting a good return on investment for the hundreds of millions of dollars the government is paying these private contractors to do the work.

I asked about safety from the perspective of huge delays. 110 years is a long time to go without a huge accident (earthquake, terrorist attack, meteor, etc). I was told "we have it covered."

I'm uncertain. But I have to try, anyway.

All public input - even from people outside the state is important. Hanford is a national issue that the Sierra Club - and other national organizations care about. I work with the Sierra Club's national Nuclear Team. They send me alerts based on what they are able to find out.

The public has repeatedly expressed a need for faster, better cleanup and has been repeatedly ignored.

Insufficient resources are being allocated to addressing this problem.

whenever I have given input the result is that Hanford folks say they need better pr to help me understand what's going on, not better clean up.

The process was so clunky, uncertain and cold I asked to be removed from it.

Except for our demand to focus on the river cleanup, I don't believe any of our input has ever been used. I believe these meetings are just a check off on the list of things you have to do.

I'm unsure if my influence has any effect on cleanup practices; the cleanup has not moved ahead effectively at quickly removing the danger of waste leaking into the water supply or the possibility of spontaneous combustion.

The people of Chelm tried to move a mountain! Don't know what influence I really have, but I keep on trying

I have faith that hanford will never be cleaned up because human beings just don't have the kind of stamina that can measure against the slow tick of geologic time that radioactive decay requires.

It seems that the agencies involved are too sympathetic to each other and keep putting off deadlines.

I believe it could help influence decisions, as most well-conducted public participation processes to help influence an better overall outcome.

Let's say that I hope it will be listened to.

Sometimes I feel like it has made a difference, but it is hard to see where the rubber meets the road, especially when Congress, thus the federal agency is in charge.

Q15: How would you answer the following statement: “I believe my input helps influence Hanford cleanup decisions.”

Answered: 174

Skipped: 9

Specific responses continued

I have given my input by supporting citizen groups such as Columbia Riverkeeper, Hanford Watch etc. I accept the general critique --or more aptly, alarm-- over the insufficiency of the response to the emergency of having a toxic nuclear installation near cities and in a beautiful natural area. If Hanford was born in wartime and operated with poor knowledge or interest in safety, that doesn't change the extreme threat we face until effective cleanup is done. Therefore I urge cooperation with the citizen watchdog groups.

if you want public input, come to where the public is. I have a job and cannot be showing up in Richland much.

They really don't care what we think.

Bad experiences at meetings I went to years ago in Portland, OR

I get the overall feeling that nobody in charge of Hanford is listening.

I think decision-makers are influenced only by money and power, and that they have no interest in science or public input.

I've been attending these meeting for 25 years and very little has changed. Nuclear Energy is the most dangerous energy on the planet....yet it is new plants are still being built....and waste is still piling up.

I don't feel I know enough about the subject to comment.

The HAB might be able to influence minor details, but in the end it all comes down to funding and legal obligations.

Do not see or hear of follow through on public comments. DOE and site contractors give impression they want to give their talks and then quickly walk away so they are not responsible for responding to comments.

I believe the key driver to Hanford Cleanup decisions and action = money. Too many bean counting projects are completed while leaving the most important work to stagnate. Just look at the old goals and where we are at today.

I feel that DOE is going to do what its contractors want it to do no matter what the regulators or the public say. All of the DOE senior managers eventually work for the contractors.

Unsure

I don't think that ORP listens to anyone. Litigation is used as a rationale for very little communication. RL is better.

It seems that public opinion doesn't really sway any regulators and the contamination issues are quickly hidden

I feel like my input has been ignored and DOE does what they want based on the Congressional budget. Over \$100Billion in current life cycle budget but has anyone taken into account the risk of taking so long. Case in point is the contamination that was recently discovered blowing across highway 240. Thankfully this was minor contamination.

Q15: How would you answer the following statement: “I believe my input helps influence Hanford cleanup decisions.”

Answered: 174

Skipped: 9

Specific responses continued

I have seen little evidence in recent years that agencies are seriously altering their plans as a result of public input: 1) TPA milestones - significant delays despite widespread regional frustration 2) Budget - failure to seek adequate funds for cleanup even though public supports aggressive cleanup 3) 300 Area - decision to use unproven strategy as final remedy, with likely outcome that uranium will continue to pollute groundwater and the Columbia River There are others, as well.

Hanford decisions come from a deeply ingrained establishment of government agencies that provide weak oversight to the ineffective management of the Hanford Site by DOE. If all parties involved had the common objective of investing in cleanup and restoration of the Site as efficiently as possible, a return-on-investment would be possible in the form of future use of the Site for widespread benefit would be possible (e.g., bring on small modular reactor manufacturing; drill a deep borehole designed for monitored retrievable storage of cesium and strontium capsules; develop the land for public use wherever possible (e.g., Hanford Reach recreation).

I doubt specific recommendations of the "do this" are incorporated into the decision making process, but I do believe the over-arching concerns, principles and values identified in one's comments will influence final decisions.

I believe it has some influence, but I have seen the parties make decisions that were extremely counter to overwhelming public input, so it's not encouraging.

Fed agencies have their plans, they mostly stick to them

There isn't a single decision in recent years for which even a massive outpouring of public concern led to meaningful changes. It takes years for agencies to respond.

I feel like the decisions have already been made and public involvement is just a hoop to jump through

I can only hope my presence lets those that make decisions know that people are paying attention to what goes on. Even if I were to object to a decision I'm sure my objection would be ignored.

It's still hard to see how my input makes a difference.

Since meetings are not over here, I cannot participate like I want to, so I do not feel I have sufficient feedback opportunity

As a chartered member of PSR I never stop "hoping".

I think the decisions are made in DC by lawyers and the state and EPA let USDOE do what it wants mostly.

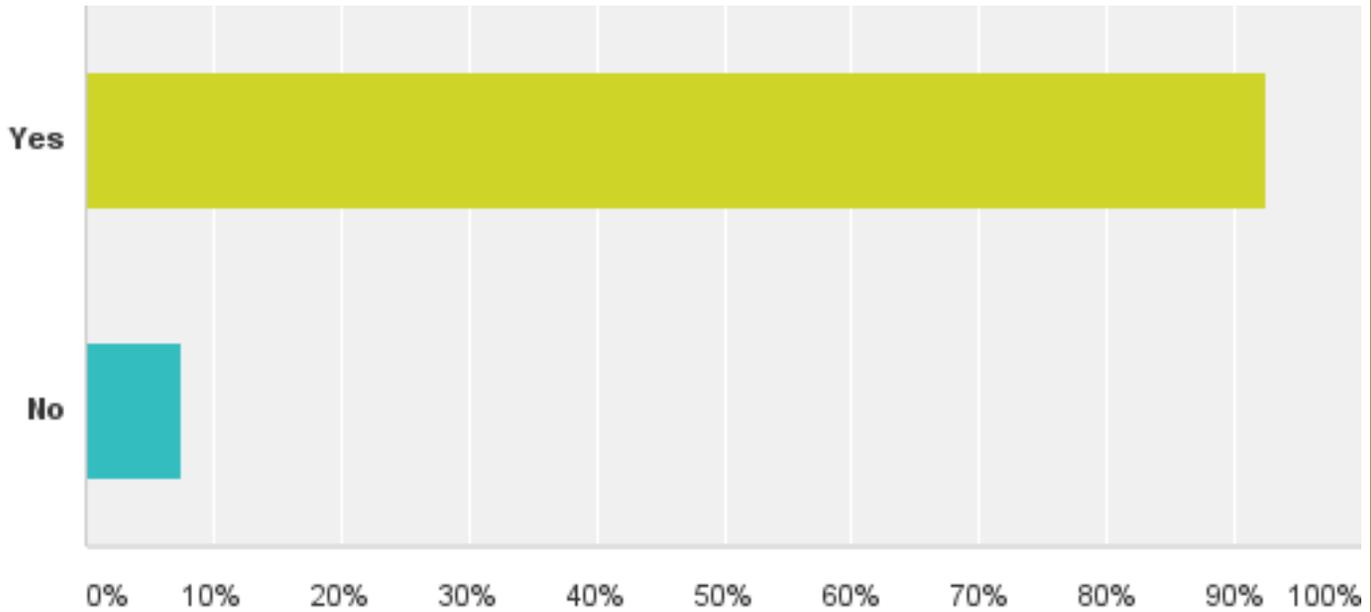
It varies depending on the action. For some of the activities, it appears that the agencies have already made up their mind about what to do and are only holding a public comment period because they have to. For other comment periods, it does appear that the final action taken has been influenced by the comments received.

DOE does what it is going to do despite the best efforts of the public and the State to give reasonable advice.

Q16: Do you plan to participate in future activities on Hanford topics?

Answered: 171

Skipped: 12



Answer Choices	Responses
Yes	92.40% 158
No	7.60% 13
Total	171

Q16: Do you plan to participate in future activities on Hanford topics?

Answered: 171

Skipped: 12

84 respondents provided specific responses

A long-term commitment to cleanup is required to protect the river & reclaim some use of Hanford

A radioactive Columbia River means a radioactive Portland. Need to shut down Central Generating nuclear plant, not produce any more radioactive waste.

All citizens need to be aware of what is going on in the Pacific Northwest.

As a long term resident of Richland, I want Hanford cleaned up to the extent I don't have to worry about air or water quality

Assuming they are held in Spokane!

At age 88 and without a car, my participation can only be severely limited..

Because clean up of nuclear waste is a duty for our descendants sake.

Because Hanford is a serious danger to the Columbia River and surrounding area.

Because they are the only conduit there is.

Change for the better at Hanford will only come about from public pressure on elected officials....state and federal. However, the local public seems very apathetic about change for the collective better, especially if you are a Hanford or government employee!

Cleaning up Hanford is a major challenge for at least two generations. It must be done without further delays.

Current job assignment is on most tank waste processes and central plateau cleanup.

Deadly products not contained put health at risk.

demonic nuclear waste in WA? and seeping into the Columbia! The entire state should revolt!

Depending if needed

don't believe participation by private citizens is your priority

Don't know yet. Nothing gets better.

Environmental cleanup is essential to the area.

Hanford cleanup is important and the federal government needs reminding of this.

Hanford is a lifelong crucial interest of mine.

Hanford is important.

Hanford remains one of the most contaminated sites in America. Leaking radionuclides threaten the Columbia. Vitrification has stalled, tanks leak, final clean-up is "to be determined" These facts concern me

I am very committed to this project.

I believe my informed input is important to the overall process. I rely on Heart of America to identify key cleanup issues plus supporting information on all aspects of the Hanford cleanup. I rely on their work to guide me in my written comments.

Q16: Do you plan to participate in future activities on Hanford topics?

Answered: 171

Skipped: 12

specific responses continued

I believe the cleanup must be completed and working toward that goal is important.

I care very much about Hanford cleanup. I have several family members in Portland - downstream.

I feel it's important to show up despite the limited nature of the exchange, to be counted, to be a body in the room, in the ecological community who cares. Feds need to see that.

I have school age children at home so my schedule is dependent on them.

I hope to, if adequate notice is provided and I can make it.

I live in the Columbia River ecosystem

I now live in the Olympia area and am close enough to participate.

i pay attention a little, but am not needed for the process

I want to let others know about it that have the knowledge and/or interest to comment and participate. I may as well.

I will do what I can to help get the mess cleaned up.

I will have more time available

I would try, but Tri-Cities is an hour and a half from me, each way

If announced with advanced notice not too far from my home

If one wishes to see changes, responsible changes made, one must be willing to participate.

If they are held in Seattle

I'm a member of the HAB, and will certainly attend all full board meetings, as well as some sub-committee meetings.

I'm a retired doc physicist. I watched on the sidelines for 40 years as little was done. I intend to be more involved now that I'm retired.

I'm from Richland. My family migrated here to work on the railroad tracks. I have personal interest in what's being done to rectify the clean up situation at hand; AND - I work for the WTP and want to hear what is said about job security.

It is of significant interest to the local community.

It is still important to me that Hanford be safe for years to come

It is unconscionable to do nothing, even when the act seems futile.

It seems time to invite folks back to OSU again soon.

It would be helpful if there was enough time to gather information on the topics presented.. I like the informative information we get from Heart of America Northwest

It's important to protect the environment and future generations.

It's one of the most dangerous threats facing our region that we have the power of alleviating.

It's the only way to make a difference.

just because

Just learning right now

Q16: Do you plan to participate in future activities on Hanford topics?

Answered: 171

Skipped: 12

specific responses continued

Just too far away. Though I care about what goes on there.

Like attending public meetings/hearings.

Living in the Tri-Cities provides me with the incentive to participate in future activities. Not only in the capacity of my work but also as a citizen.

Maybe. If something changes that I care about (e.g., taking additional waste from another site, significant change to vadose zone management, etc.).

Most definitely. By attending meetings etc I'm able to pass on information to anyone who will listen. As Executive Director of the Tour Of Knowledge it's my job to stay abreast with Hanford issues.

Not giving up

not sure, really. Depends on other issues I am involved with at the time of the public participation activities.

Nuclear waste is a serious hazard that is simply released into the environment unless some watchdog catches on and a huge outcry is made.

Only if in Spokane area as other hearing sites are to far away.

Part of job duties

Please explain why or why not?

Please have them here!

Read the news.

Since radiation crosses borders freely, I take an interest in all ongoing and potential sources of radiation.

Someone may want to live on this planet after I am gone.

Stakes are too high to not participate.

Q16: Do you plan to participate in future activities on Hanford topics?

Answered: 171

Skipped: 12

specific responses continued

The outcome of neglect in the cleanup, or indefinite postponement, can be threatening to our survival in the Pacific NW. An accident can be deadly and have very widespread affect.

The process is flawed! The closure of the Hanford sites should have happened 30 years ago!! I don't think the federal government has will to solve this problem. The Hanford site closure needs much much higher priority!!!

The vast majority of the Tri-Cities general public that isn't a cleanup employee or works for the TPA entities is more concerned with what Hanford will become after cleanup is complete.

There seems to be NO end in sight to the cluster

they are very important and we must understand what is going on and try to provide our input and learn.

To follow progress

Too far away.

Unless they are choked off altogether. Heart of America is really the main way that I can get news of the real issues about Hanford cleanup that matter to me, and when they don't get the information soon enough, our participation is silenced. Could it be that this is the intent, in the lack of funding for public participation?

What will I say to my grandchildren when they ask?

When I am able I will participate.

Without public input, there would be no reins on the DOE and Hanford would not be where it is in the cleanup process. I feel responsible for playing my part in that.

Yes across the legal spectrum.

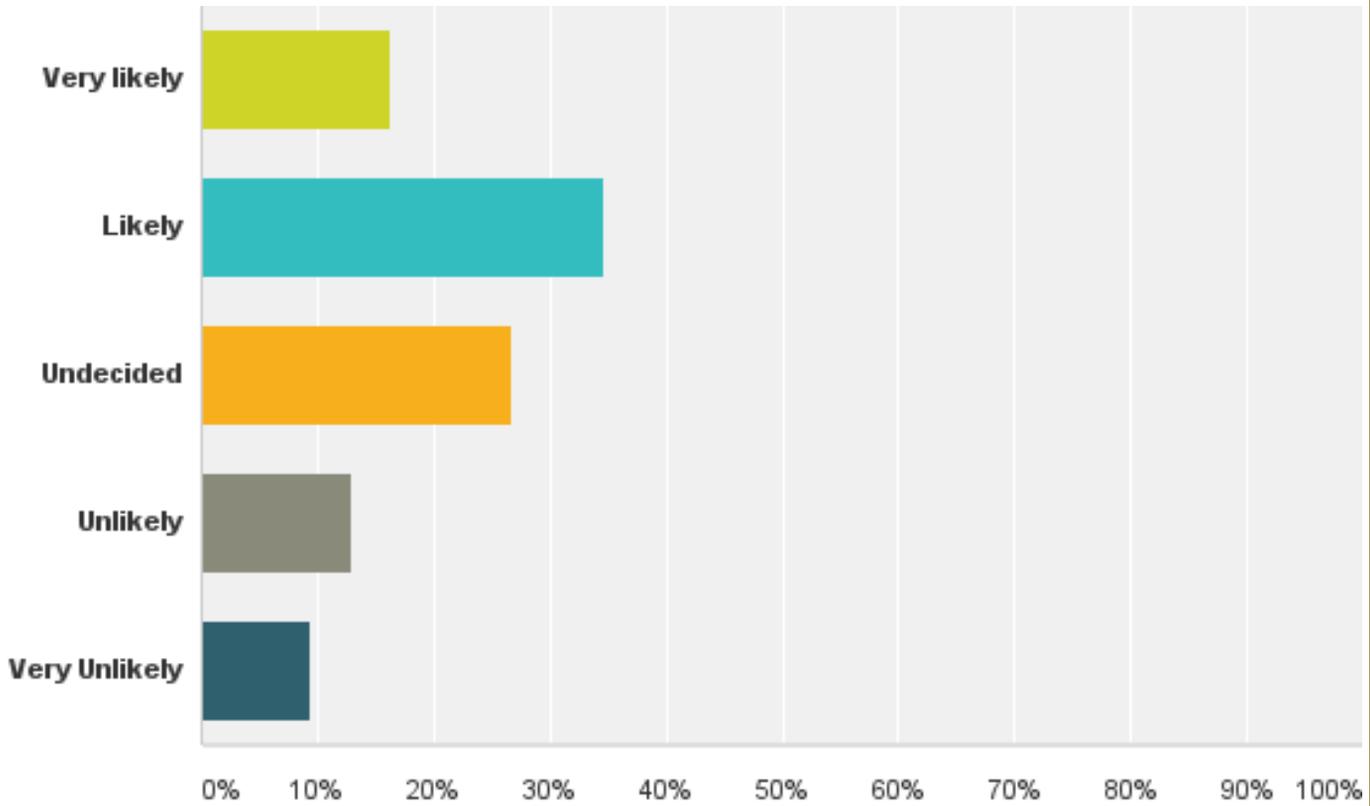
Yes, Answer consequences part one above, if you just walk away it won't just sit there. Explain why you have to be there, and will always have to be there. It is a world class mess, needing world class attention. Step it up, way, way, up.

Yes, because I don't give up and public interest groups will be there.

Q17: Would you participate in a webinar or other online forum on Hanford topics?

Answered: 179

Skipped: 4



Answer Choices	Responses
Very likely	16.20% 29
Likely	34.64% 62
Undecided	26.82% 48
Unlikely	12.85% 23
Very Unlikely	9.50% 17
Total	179

Q17: Would you participate in a webinar or other online forum on Hanford topics?

Answered: 179

Skipped: 4

26 respondents provided specific comments

Again I am not interested in technical jargon if it is meant to drown out issues,

That doesn't take the place of face to face meetings

Depends on guidance from Columbia Riverkeeper and Heart of America NW

I have followed proceedings with federal energy agency at Hanford online.

Haven't had good luck with webinars and also, there's already so much disconnect around Hanford. Being in a room with other warm bodies while dealing with this is just about the only comfort, sanity afforded one.

same as above.

In person is much better. Webinars are kind of an echo chamber. If you've got someone who isn't actually in the room and sweating it out, it would be much easier for an agency to just have a lower tier person run it.

Webinars are a good way to involve many people.

Not interested.

IF the language used is understandable by the general public

Early evening would be great, like 7pm.

My time is so tight it hard but it would be easier than traveling!

never have done a "webinar," but something new to try.

As I may not be able to participate in-person, I would appreciate the opportunity to view presentations on-line, on TV etc., with opportunity for written comment following those sessions.

My online ability is very limited

New proposed WTP hot startup date (2036) is good starting point

Possibly, depending on the topic.

Already do with Heart of America. Would not bother with one by agencies.

i could at some point; i do have an interest in Hanford, used to work there

Would be helpful if webinar participants are allowed to speak, ask questions, give comments. Particularly if DOE is only going to hold meetings in Tri-Cities.

I find webinars easy to attend and informative. They save energy, time, and reduce the carbon footprint.

It might be better than driving to Richland.

A problem if during the work day.

Webinar's are an excellent tool for providing information. The key is to provide a well focused, limited topic.

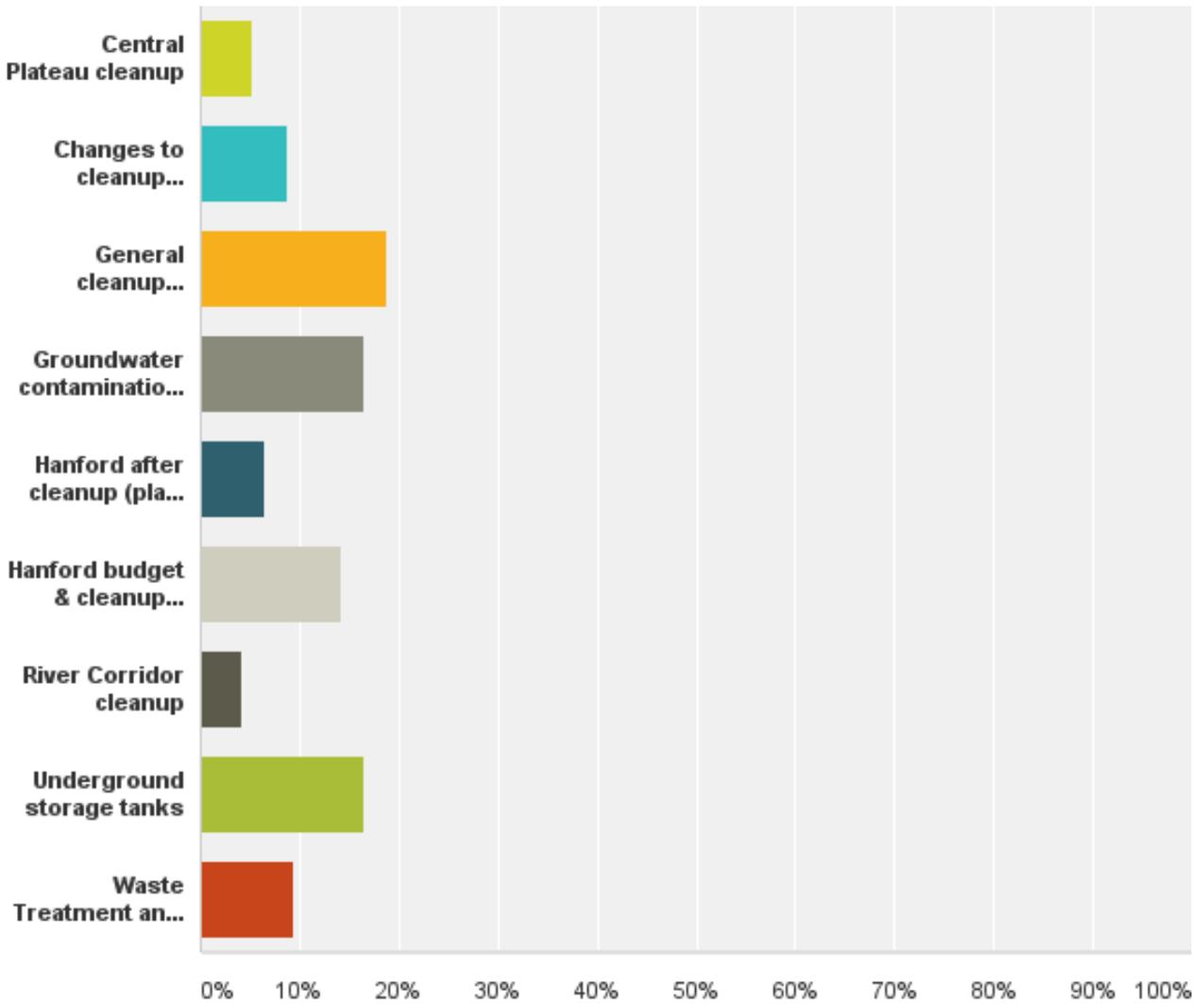
Can't participate if I don't know about the event

Not a substitute for public meetings, if this is where you are going.

Q18: Which Hanford topic would you MOST want to discuss or learn more about in a public forum?

Answered: 170

Skipped: 13



Answer Choices	Responses
Central Plateau cleanup	5.29% 9
Changes to cleanup schedules	8.82% 15
General cleanup progress & challenges	18.82% 32
Groundwater contamination & treatment	16.47% 28
Hanford after cleanup (plans for future land use)	6.47% 11
Hanford budget & cleanup priorities	14.12% 24
River Corridor cleanup	4.12% 7
Underground storage tanks	16.47% 28
Waste Treatment and Immobilization Plant	9.41% 16
Total	170

Q18: Which Hanford topic would you MOST want to discuss or learn more about in a public forum?

Answered: 170

Skipped: 13

30 respondents provided specific comments

& river corridor & preventing further river contamination

? Who suggested this as an option for discussion? <Hanford after cleanup (plans for future land use)>? Will the cleanup ever be finished?

All are important--difficult to choose.

All of the above are important!

All of the above are related somehow.

All of the above! Also discussion about turning Hanford into a nuclear theme park--the famous B reactor of great concern to many.

ALL of the above (8)

Hanford needs to be cleaned up on a rigorous schedule

Hanford worker exposure to tank fumes should be included.

I want to see clean up progress. NOthing but delays.

If I could check more boxes, they would be: "changes to schedule;" "general cleanup progress & challenges;" "river corridor cleanup" and "groundwater contamination & tx"

Is DOE really interested in cleanup progress and meeting milestones?

leaking tanks and failure to empty them. Citizen groups have had to be the ones holding meetings with ZERO support now from agencies.

Lots of these

Public involvement process

Removal and safe storage of Cs and Sr capsules

Safety culture

So, if you start a moratorium and cease all activities for 3 years, what would happen? Tell us. Scare us. Justify the billions spent thus far because if you didn't act the following would have happened..... Explain what kind of powder keg we are sitting on with a lighted fuse.....

State of the Site

Streamlining the Hanford bureaucracy and working toward a common objective of cleanup, site restoration, and site future use efforts!

The huge problem with single and only double lined hazardous storage tank failures and why not properly address by State Law mandates? Any progress on glassification (vitrification) to solidify radioactive waste for long term storage?

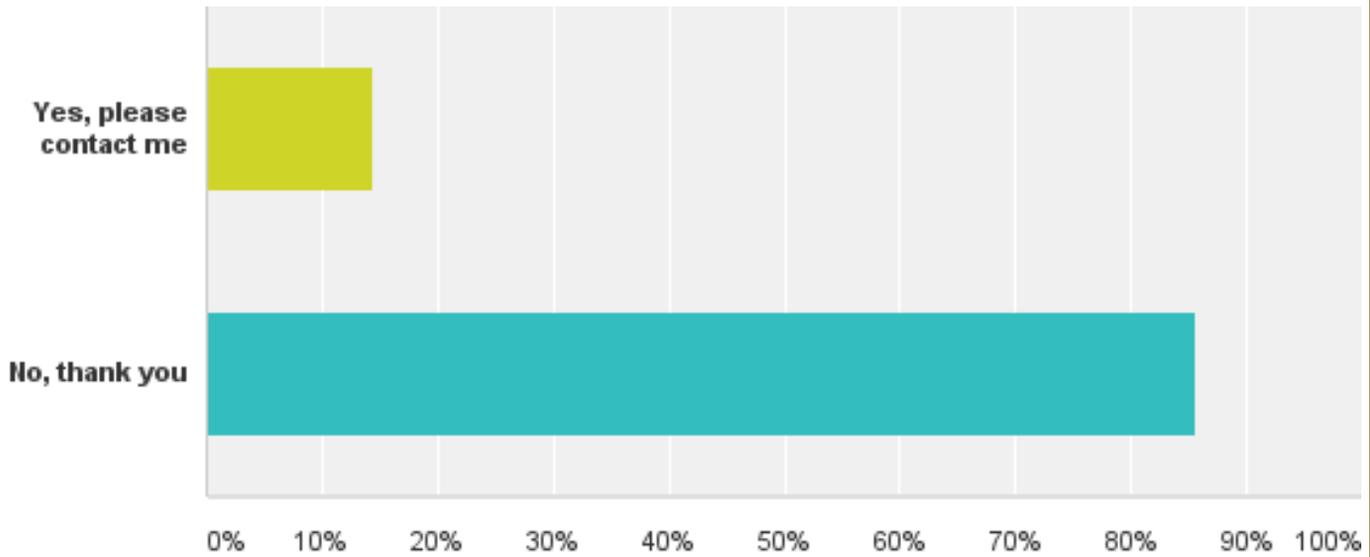
These topics are very broad; a session just on current groundwater treatment challenges might be better.

You're still talking about educating me instead of cleaning it up.

Q19: Would you be interested in hosting a Hanford speaker from the TPA agencies for your group, classroom, or event?

Answered: 152

Skipped: 31



Answer Choices	Responses
Yes, please contact me	14.47% 22
No, thank you	85.53% 130
Total	152

Q19: Would you be interested in hosting a Hanford speaker from the TPA agencies for your group, classroom, or event?

Answered: 152

Skipped: 31

33 respondents provided specific comments

If accompanied by speakers from Heart of America NW and or Columbia Riverkeeper

I didn't know speakers were available. W

Meme@IVISsoftware.com

I had hoped to teach a PSU capstone course this summer on Hanford but there wasn't adequate funding, etc. I would love to know that hosting a Hanford speaker is possible for future events.

Not at this time. Perhaps in the future.

P k rotary Clover island Wednesday at noon

we have someone doing this already.

I am retired, have not a place to host

Kathleen M. Saul Faculty Graduate Program on the Environment The Evergreen State College Olympia, WA saulk@evergreen.edu

Helen Jaccard, VFP Golden Rule Project, 206.992.6364. The Golden Rule Peace Boat is sailing to Oregon and Washington ports this year, stopping I over 30 ports. Let's talk

I'm not with a group except Audubon -- Does Hanford still have birds are have they all died from radiation poisoning?

I will certainly ask if my neighbors, or any of the social/civic groups with which I'm active would help me host a meeting.

If I don't understand much of what the agencies say after 20 years of participation, I don't think my group people would understand what is being said.

Please contact our Rotary Program Planner Harry Williams 253-631-0830 handmw@comcast.net Kent, Washington

atomiclinda@gmail.com

I am not a group.

(509)487-4107 cometapple@msn.com

Dayton Lions Club PO Box 175 Dayton, WA 99328-0175 Contact e-mail: holly.b.kaczmariski@gmail.com

Nothing planned at this time.

I'll leave that to OHCB

I couldn't speak for our leadership and so will answer no at this time.

I have submitted a proposal for an event in Bellingham, WA, in the Fall 2016.

I'm a professor and we often do class projects related to Hanford topics. I do not have a specific time or date in mind at the moment, but I could see hosting a speaker in class one day.

Q19: Would you be interested in hosting a Hanford speaker from the TPA agencies for your group, classroom, or event?

Answered: 152

Skipped: 31

Specific responses continued

I belong to NAYA Canoe Family. (urban Native peoples in Portland) We may be increasingly interested in air, water and land health issues in the Big River ecosystem in 2016-7. I'll be in touch if we want to have a conversation.

I don't want to share the terrifying feeling I get when I listen to the PR glibness. The federal government will not take responsibility, but will pay people to try to explain it all away.

We could possibly host a Hanford Speaker from TPA at University House. Our auditorium seats 50-60 people. Arrangement need to be made at least 6 weeks ahead of time. Contact: Laureen Nussbaum <nussbal@pdx.edu>. We often work with the University of Washington Retirement Association

Shelley Cimon and Ginger of Wa Ecology were just in La Grande and did a presentation. I personally follow things as i can

Pasco Kiwanis Club. Contact kiwanis54@gmail.com address to program chair.

I checked "no" because of average quality of many presentations given to public. Speakers need to be more informed and able to knowledgeably respond to public comments.

You could consider Sam Cagle, Olympia Communicators Group, to slated a speaker on the important topic of Hanford cleanup since it is so important...a public affairs type talk and communication measures. I could give you his contact info.

I'm in the process of making arrangements for a Hanford speaker to attend our Tri-Cities Cancer Center Men's Club to present at our April meeting.

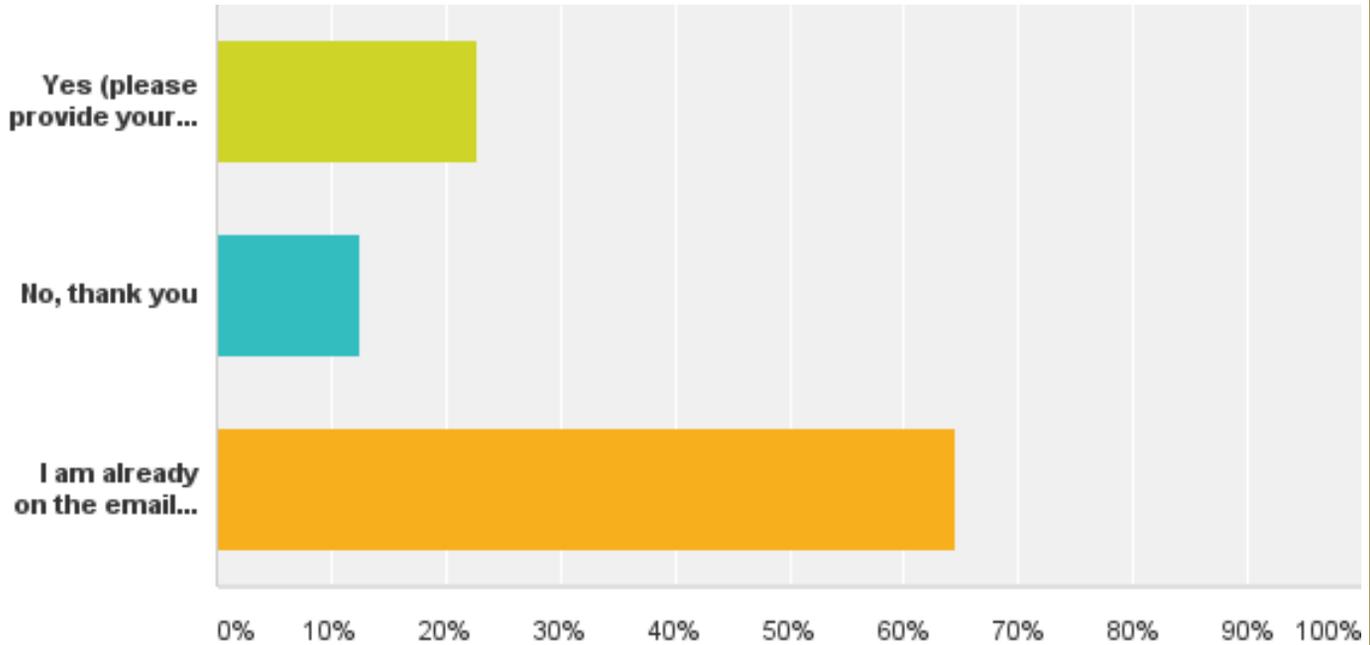
I am always working with this in mind and will continue to do so. As a member of the HAB, I know the people to contact. This is a good question by the way for the general public.

Good question. Hermiston area residents ,many of whom are tired of dealing with contamination issues(Umatilla Chemical Depot) have turned away from Hanford issues. I would venture to say that probably 75 percent of the people in town don't even know what the TPA agreement is. So much for your public outreach.

Q20: Would you like to join the TPA agency email list to receive information about Hanford?

Answered: 175

Skipped: 8



Answer Choices	Responses
Yes (please provide your email below)	22.86% 40
No, thank you	12.57% 22
I am already on the email list	64.57% 113
Total	175

Q21: Please provide us with any other thoughts on Hanford cleanup.

Answered: 99

Skipped: 84

How can the public be expected to trust the agencies involved with the Hanford cleanup with decreased number of public meetings? Shutting down the information flow to Heart of America, and Columbia Riverkeepers is a bad idea. We need more meetings in the areas connected to Hanford's larger Reach: Seattle, Portland, Hood River and Spokane at least!

Thank you for providing the easy method to keep up to date with activities at Hanford

The Hanford agencies have made it difficult for my group (Heart of America Northwest) to arrange workshops prior to public input meetings. It gives the impression that state and federal agencies would rather not be bothered with public input. The bad press about the treatment of whistle blowers just adds to public distrust.

Cutting public involvement grant support for the group that does most of the notice and turnout in Seattle, Spokane and Portland shows that you really don't want informed participation. Holding one public meeting in a year and none in Spokane shows how little agencies are committed to public participation. Without informed citizen groups providing notice and presentations, the agencies will not increase trust.

Citizen groups are essential links to the public and government groups. They should be funded for providing this service.

Spare no money to make this place safe and livable far into the future. As A RN I saw the effects of Hanford on the regional population. I work a lot in the Vancouver area and am amazed at all the birth defects in the population. In the end if Hanford isn't cleaned up we will see the depopulation of the NW. Exposure means more damaged DNA in the population leading to unsuccessful reproduction, life shortening at both ends and a sick population. This is a major crime against the earth and it's inhabitants. I put my career on the line to stop this. Since I was a clinical RN general practice across all age groups, trained in trauma and critical care, experience with burns, trauma, skin grafts, AIDS and Cancer. I was the guy the US government wanted help from preparing, during and after nuclear war. I refuse, Cleanup the Hanford Crime Scene.

Don't cut public involvement grant support for groups that provide information to citizens about what's really going on regarding Hanford cleanup.

Nothing but delays- handing the buck on to future generations. The PR has changed from defense to green environment though.

What will be the Rosetta Stone to communicate to future societies: DON'T DIG HERE

Please cleanup Hanford faster, and more thoroughly. It seems that there are continually moves to delay, make the cleanup less thorough or add more waste.

Why is vitrification progress not in national news????

Q21: Please provide us with any other thoughts on Hanford cleanup.

Answered: 99

Skipped: 84

Have a state of the site meeting this year.

This is a sad situation with no foreseeable solution. The whole process seems to be designed to hide the lack of a resources and funds to finish this very important job.

I believe cleanup should receive the same priority, funding and government support as the activities that contaminated Hanford.

Please keep on with this work. Progress depends on the agencies working together. Please consider find a way to improve cooperation. How can concerned citizens help?

It is taking too long

I'd like WA Dept. of Ecology to take a much more aggressive role in defending the public and environment on this issue (and to do that they need to be properly funded). t seems like it is taking longer than forever.

Close down the Hanford Nuclear Reactor.

So many things I'd like to share --like putting energy to dismantling the nuclear narrative as well as focusing on the cleanup. Great concerns about climate change effects on Hanford wastes. Most of all --groups like Columbia Riverkeeper, HONW, OPSR, WPSR are so important to the public's experience, understanding and engagement in the Hanford cleanup. They need to be included, funded adequately or else you will not have the expertise and experience that concerned residents have to offer.

Sometimes the material is too technical for wide-ranging and meaningful input; hence, people shy away from participating. Is there a way for paralell tracts of comment/participation whereby folks can stay at the conceptual level or "value-oriented" type fo input without having to burrow down into the technical details. And, if so, does that have any value for decision makers?

I cannot believe that so much at Hanford happens with little public participation. I wish that the TPA agencies wanted the public involved and aware of the situation in their backyard, but it seems that the TPA folks are relieved that the majority of the general public is not involved/aware of the very serious concerns Hanford presents.

The cleanup schedule must be ACCELERATED, not put back. The poison is leaking. This is untenable. Our government MUST keep its commitments to clean, on schedule. NO deadlines can be missed. This poison, once free, imperils all life.

I really wish the agency would show commitment to public involvement by holding meetings in Spokane. Why are we not included?

The public interest group support grants must be restored. They are the best way to inform public of issues regarding Hanford.

Q21: Please provide us with any other thoughts on Hanford cleanup.

Answered: 99

Skipped: 84

Ramp it up. It is my belief you are doing good work but ultimately losing the battle. I am not sure what a good analogy might be, maybe removing a billion tons of TNT one spoonful at a time while you extend a lit fuse. You have to stay and do both or BOOM! Explain that clearly first and then talk about the fuse and the size of the spoon

Please make information re: clean-ups, leakage, contamination, poisoning of animals, humans open to the public at large; we Oregonians want & need to know how to protect the above.

It is appalling that this clean has taken so long and keeps slipping to the bottom of the governmental priority list. During WWII, Hanford was a top priority. Now, people want to forget it ever existed. . .

People are now paying big bucks to live in Hiroshima and Nagasaki but if one camps near Hanford that one would die. You are losing that war for us.

Glass Logs great idea - we should have had them decades ago! The TPA is a great example of big government, BIG money w/little to show for it. Replace all the single shell tanks with triple shell tanks!! Big difference between sending Mt St Helen ash & polluting the globe with nuclear water

I think we must build new double shell tanks immediately. I think the government and companies must start telling the truth, the whole truth, immediately. No whistleblower revenge! Provide safe working conditions. Stop paying corrupt contractors. Close CGS.

These public meetings are key to involving financially-independent parties with the process.

Would rather have information sent to me via Heart of America NW

I think it unconscionable that Department of Ecology cut funding to one of the most important public advocacy groups (Heart of America Northwest) that has been available to answer concerns to the public for numerous years. By cutting public involvement grant support for the group that primarily does most for notice and turnout in Seattle, Spokane and Portland shows me that Ecology and USDOE really don't care about informed participation. Holding one public meeting in a year and none in an important Eastern Washington city like Spokane shows how little your agencies are committed to public participation. Without informed citizen groups providing notice and presentations, the agencies will not get public support which may help increase funding for Hanford cleanup.

We need to be aggressive in our cleanup process now while it is less expensive and more contained. For such a disaster with far reaching consequences, we have to address this openly and fully now.

I truly believe that we need to enlist support nationwide. "Sacrifice zones" are obsolete!

This is a very important project and should receive high priority! Save our Columbia River!

Q21: Please provide us with any other thoughts on Hanford cleanup.

Answered: 99

Skipped: 84

It is much too slow and inadequate. Death is rapidly approaching the Columbia River.

Every day I measure radiation in my home. (I'm a retired physicist, so....) When I lived in Gig Harbor I noted radiation levels for 26 years. After retirement I moved to Cathlamet WA and kept up the measurements. I find Cathlamet, on the banks of the Columbia, to be roughly 3-times higher than Gig Harbor. Radon levels are similar between the two locations. I don not, at this time have the equipment to determine if new values are from Hanford, Trojan or a local ground source. I will find out eventually.

Thank you for trying to improve the process and outreach.

It is going too slow, should have been done by now, and does not seem to be progressing in a safe and timely manner. Whistleblowers who can help improve the process seem to be repeatedly punished. The whole mess needs better management and oversight.

Lobby congress to give more money!

I've heard that funding for agencies that provide information to the public has been cut; this limits the flow of information that could be vital for community involvement and in maintaining community trust in the process being followed. As noted above, the affects of problems in cleanup or planning for cleanup at Hanford can hit our lives and lives of our descendants, over a wide area. This is not merely a "local problem". Trust of agencies and of government intentions is fragile at this moment and is vital to how we view the problems. Thank you for your attention.
Carol Bosworth, Portland OR

I have been associated with various groups related to the clean up since the 1980s and frankly if I could do one thing before I die, it would be to move the cleanup effort forward.

tkwong02@hotmail.com

Clean up is long overdue.

Put some hustle into it, for god's sake.

I know this is hard. But know I am grateful for what you are doing to make Hanford safer for the next generation.

I continue to think that reports and presentations are obscured by language that the general public cannot understand.

The cleanup needs to happen as quickly, and thoroughly, as possible; it remains one of the most life-threatening hazards in our region.

The general public is woefully under informed on this vital topic!

Q21: Please provide us with any other thoughts on Hanford cleanup.

Answered: 99

Skipped: 84

Cutting public involvement grant support for the group that does most of the notice and turnout in Seattle, Spokane and Portland shows that Ecology and USDOE really don't want informed participation. Holding one public meeting in a year and none in Spokane shows how little agencies are committed to public participation. Without informed citizen groups providing notice and presentations, the agencies will not increase trust.

I have gotten most of my news about Hanford from Heart of American NW and from Riverkeeper. These groups provide an invaluable service keeping the public informed. Their communications are direct, to the point, and not tied up in the kind of language and process that agencies must inevitably use. I suppose the TPA does good work, but outreach by interest groups should be supported as well.

I think the information needs to be integrated - like an ecosystem. The history of the Manhattan Project is about separation of information - from the gate. They knew at the beginning what the real costs would be in terms of the environment and affects on all living things. This needs to be acknowledged. Clean up? It will never be cleaned up - but there are definite things that need to be done - particularly in the communities surrounding the area. It is hard to be transparent with the overwhelming amount of damage that this area has sustained since 1943.

Fukushima has just "completed" 5 years of its ongoing meltdown. Increased radiation has been measured in the Pacific near our west coast. The Japanese people living near the TEPCO reactors were given incomplete information when the tsunami destroyed the reactors and only a small area was evacuated at first, with harm done to many more people outside the small radius for official evacuation. Hanford has lethal nuclear poisons entering the environment, even if a "smaller" problem compared to Fukushima, and people of Washington and Oregon must have thoroughly adequate advance notice of any developments on site so that time for study can be had. It is the wise course to help citizens' right to know.

It is a complex project but I don't feel the agencies involved have been doing an efficient job. It has been going on and on for too long.

The longer it takes, the more serious the contamination becomes and the more expensive the cleanup. Can't we just get it done.

Have a meeting in Spokane area

After Fukushima, I decided radiation will just build with these multiple exposures until all life is f*****. My first Hanford hearing was about 30 years ago. Maybe I shouldn't waste any more time.

Too limited of space to list such issues here.

Q21: Please provide us with any other thoughts on Hanford cleanup.

Answered: 99

Skipped: 84

I know it is again behind schedule and government agencies seem to be united in playing that failure down. Also the allowing of other concerning activities on site are problematic and we need that exposed to the true extents of those activities.

Keep in mind the Seven Generations concept: look back 7 , look forward at least 7, perhaps 7000.

I've been involved for many years and will continue to be. Interest is always there, energy to do something about it wanes.

I worked with CH2M-HILL over 15 years ago on moving toxic sludge from leaking single-walled tanks to new double-walled tanks. I was struck then with the lack of urgency on the agency's part to make progress then. The same lethargy seems to infect current "efforts." This is too big a problem to be so neglected. This will become worse than Flint, MI if we continue to neglect the issue

I'm 76 years old and I have never seen my government or any of its agencies display honesty or concern for the public welfare. Indeed, they seem to regard anyone who wishes to promote the general welfare as a subversive, someone who would interfere with corporate profits merely to save lives.

It is very important to provide grant support for public involvement in Seattle, Spokane and Portland to ensure informed participation. The general public needs to be provided with information on the process and progress of clean-up in a timely manner.

I think the extreme expense of getting close to 100% clean up is not worth it as long as the ground water and river are protected. If there are small areas of contamination that can safely be contained, then it could be left there. I doubt any farmer or home owner in the future would trust the land would ever be clean enough for their use, so it could remain in a natural state or used for industry.

Hanford should not be used for further dumping until the existing waste has been cleaned up.

I feel that Ecology has lost its role as regulator, in the process of collaborating with DOE. It's hard for me to understand how they could not insist on stronger action which they have the legal authority to require. It seems the culture at Hanford is very insular and inefficient, and that is why it is taking so long to accomplish the cleanup goals.

None

The current proposed budgets are scandalous--how do we get local folk to raise H***?

Hang in there and keep up the good work, as challenging as it is.

Q21: Please provide us with any other thoughts on Hanford cleanup.

Answered: 99

Skipped: 84

The TPA spends a lot of time, energy, and effort trying to get the general public involved. I find it hard to believe that anyone who is genuinely interested in learning more about Hanford cleanup isn't already doing so given a simple Google search will lead you to many Hanford site resources

I assume that all information provided via the TPA agency email list will be posted on the USDOE and Ecology Hanford websites. Recently public participation was cut for Heart of America Northwest. This seems to contradict the goal of public participation at the largest cleanup site in Washington State. I understand that public participation funds which are legally earmarked for cleanup issues have been instead provided to groups focused on non-cleanup projects. Apparently the agencies are really not interested in public participation. Cutting funding for the largest and most well organized Hanford public interest group smacks of a government effort to silence the critics.

My husband and I toured Hanford last summer. It was educational. We need to invest in research to discover how to permanently dispose of this toxic waste. We need research AND FUNDING AND HARD LABOR, to protect the Columbia river from ANY MORE toxic leak from Hanford, especially but not exclusively, from the leaking tanks. The ground water is already toxic and leaking into the river. DO SOMETHING NOW!

Looks like Insley is getting serious again.

Cutting public involvement grant support for the group that does most of the notice and turnout in Seattle, Spokane and Portland shows that you really don't want informed participation. Holding one public meeting in a year and none in Spokane shows how little agencies are committed to public participation.

Its a huge mess and it will take time and funding to get it done, soon, better than later.

It would be nice if it was a more collaborative effort among all parties and stake holders.

Minimize participation from those who are not directly affected. Portland can be affected but Seattle will never see any effect from Hanford. Any comments from those who are not directly affected should be evaluated for the root cause of their comment to verify it is not just because they don't like nukes, Hanford, DOE, Eastern Washington, etc.

Quit wasting significant time and resources trying to make public involvement convenient and easy. People with true interest and legitimate input to provide will make the time to be involved without the agencies "chasing" them and catering to their needs. All that does is make it easier for crackpots and talking heads to distract others from the process.

See above, response to #13

Q21: Please provide us with any other thoughts on Hanford cleanup.

Answered: 99

Skipped: 84

If the Hanford cleanup site was located in another place like Virginia and closer to DC, I believe that the funding needed to clean it up would be there and schedule for cleanup would be more timely. Is it because Hanford is out in eastern WA and considered remote that the needed funding is not there and always a struggle to obtain? I say yes. There certainly needs to be more federal oversight of Hanford contractors and the money they spend. There needs to be a stop to the incentives and bonus money awarded to these contractors on projects they lead until there is meaningful and substantial cleanup, closure, and compliance of their projects.

Waste treatment plant delays and restarts are costing billions and delaying removal of mixed waste from underground tanks. Any efforts to move ahead to retrieve and treat tank waste are vital to preventing more irreversible delays to the species in the River and on the Hanford site.

I appreciate that some significant progress has been made, particularly in the last 10-15 years, though it would be nice to be further along.

I would like to receive notice when docs. Are available, not just when they will be available.

Hanford projects are always over budget and running behind schedule. DOE contractors are being over paid for shoddy work. Washington Department of Ecology isn't enforcing the TPA milestones.

From the perspective of a retired senior scientist who has worked on numerous Hanford projects and for a variety of contractors, the Hanford Site's primary objective certainly appears to be to perpetuate the cleanup from past activities, as that supports the local economy, the State's coffers, and I'm sure, many 'vested interest' contractors whose lobbyists work very hard! If the collective objective were first and foremost to design effective cleanup and waste management solutions, and there is most assuredly the engineering and scientific skill to do so in a timely manner and for reasonable taxpayer cost, we could move forward with use of the land for productive purposes and STILL support the local economy and State coffers... and much better oversight of contractors would STILL provide a good business opportunity to make a profit. (P.S. For item 23, get rid of "race/ethnicity" and replace it with "educational background.")

It will never be cleaned up with the current interests being so unaligned to completing the clean up, DOE being so risk averse, and congress not caring about the deficit If you actually want to clean up Hanford, look at Rocky Flats for some clues...what worked, what didn't, & why

worker health effects from exposure to tank waste vapors and site soil contaminants (non-rad)

I provided public comment during a number of public comment periods in 2015.

There are many risks at the "canyon" facilities that have not been recognized or simply are being ignored. I also question the controls for demolition of the PFP facility to preclude spread of Pu contamination.

Q21: Please provide us with any other thoughts on Hanford cleanup.

Answered: 99

Skipped: 84

The latest delays by the TPA in extending key cleanup actions by approximately 10 additional years is not a credible proposal, and should be revisited by the TPA organizations. Production of a ~4 page quarterly newsletter (included as an insert in the local newspapers for communities affected by Hanford) should be seriously considered. I believe it would be an effective and very important communication tool for the TPAs to inform the public of Hanford activities and progress, and to foster better understanding and support from the local communities.

It would be to your advantage to hold some public awareness events in Hermiston or Morrow County. I'm not sure about the turnout for something like this. City Hall is only interested in promoting Hermiston's livability in order to further grow the community. They seldom discuss our areas water issues or other environmental issues. My natural resource group is the only citizen based organization of it's kind in the region. We live in an "environmental black hole". Most of the community is blind to the fact that Hanford is so close. I think most people that are aware of Hanford feel it's a Tri/Cities/State of Washington problem.

I really want the TPA agencies to have honest conversations about the state of the Hanford clean up with the public. The rosy glow that seems to be painted every time the TPA agencies speak at public events feels disingenuous. Be honest with the public about the problems and the expenses and the issues that have not yet been resolved. We need to be having real conversations about this and I think this feeling that the TPA agencies are not willing to admit problems is part of what makes the public feel that they are not in touch with what is going on.

As I said, Hanford cleanup should be accelerated, not slowed. Poison is escaping. It is very dangerous, with the tanks leaking, new tanks should be made faster, and the poison contained. The mighty Columbia needs to be protected, our water, our fish. Also, the unlined trenches need to be redone, unfortunately. They will leak and add more poison.

Cleanup is taking too long at the risk of locals and everyone downwind and everyone downstream. Congress needs to look at the risk and provide proper budgets. Also groups that have no direct interest such as the west side of the State of Washington should have limited input as they are not directly impacted.

This cleanup is systemically broken, and has little chance of success the way things are going. The 2039 proposed opening date for the WTP was only slightly less shocking than the State's proposal of 2036. A new cleanup agency needs to be formed to take over the cleanup obligations at Hanford. There is far too much corruption, insider-dealing, and revolving doors between agency officials and contractors to assure that cleanup progress will be made instead of keeping the money flowing for as long as possible.

the delays are unacceptable - more money and better management is needed to speed up the schedule

Q23: Demographic information (Optional)

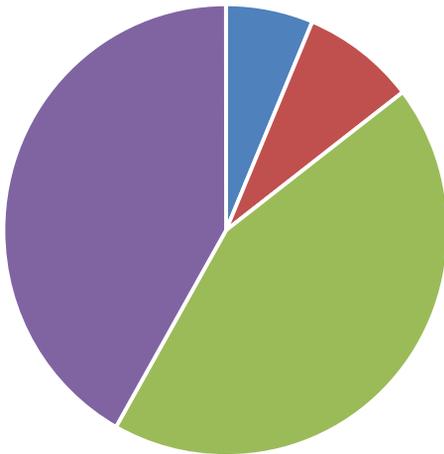
Answered: 158

Skipped: 25

Age					
	Under 30	30-45	46-65	Over 65	Total
Please select:	6.33% 10	8.23% 13	43.67% 69	41.77% 66	158

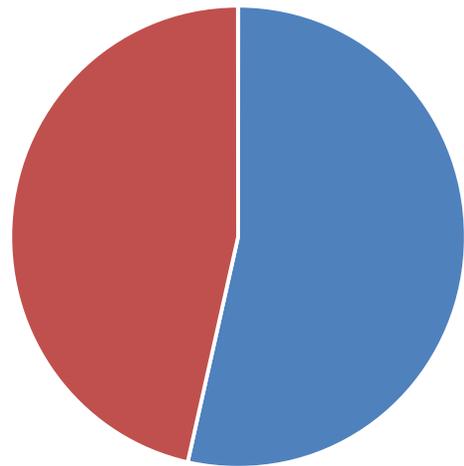
Gender			
	M	F	Total
Please select:	53.55% 83	46.45% 72	155

Age



■ Under 30 ■ 30-45 ■ 46-65 ■ Over 65

Gender



■ Male ■ Female

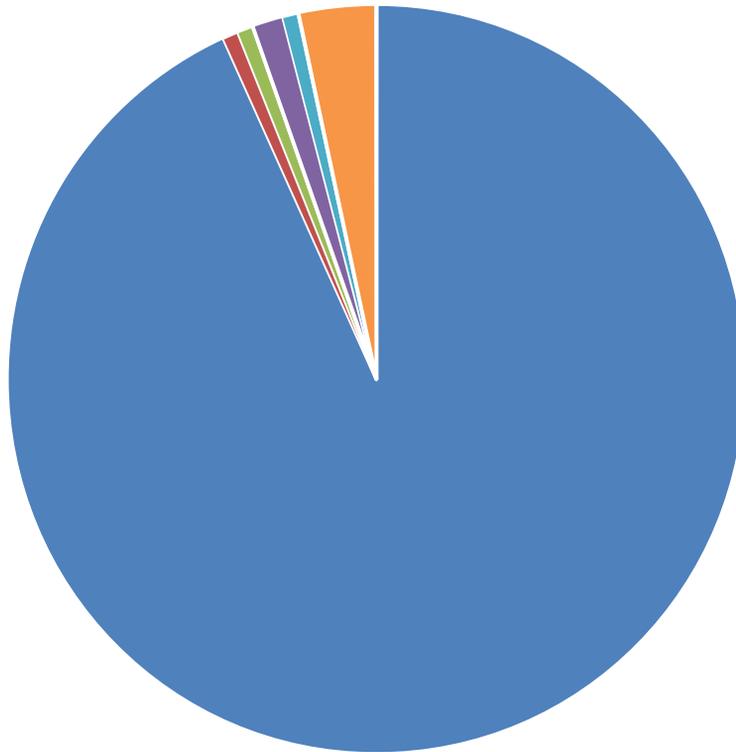
Q23: Demographic information (Optional)

Answered: 158

Skipped: 25

Race/Ethnicity							
	Caucasian	Hispanic	African-American	Asian-American	Native American	Other ethnicity	Total
Please select:	93.20%	0.68%	0.68%	1.36%	0.68%	3.40%	147
	137	1	1	2	1	5	

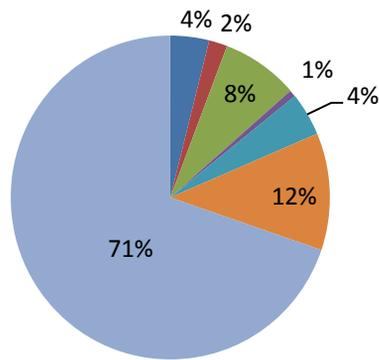
Ethnicity of Respondents



- Caucasian - 92%
- Hispanic - 1%
- African American - 1%
- Asian American - 2%
- Native American - 1%
- Other ethnicity - 5%

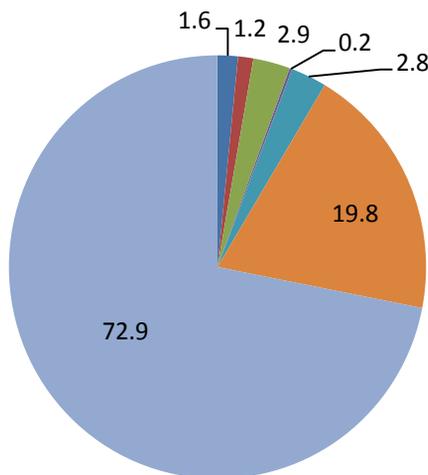
For comparison, local and state ethnicity data are on the following page

Ethnicity across Washington from 2013 Census



- Black or African American alone - 4%
- American Indian and Alaska Native - 2%
- Asian alone - 8%
- Native Hawaiian and Other Pacific Islander alone - 1%
- Two or More Races - 4%

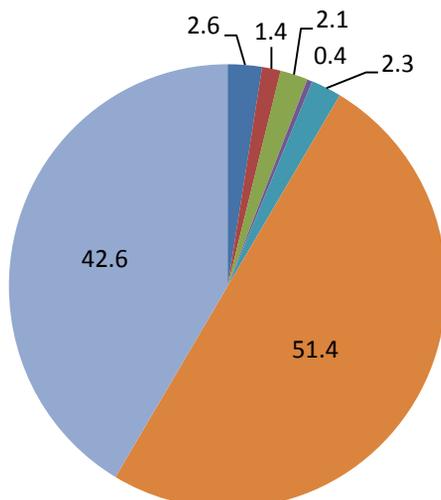
Benton County 2013 Census



- Black or African American alone - 4%
- American Indian and Alaska Native - 2%
- Asian alone - 8%
- Native Hawaiian and Other Pacific Islander alone - 1%
- Two or More Races - 4%
- Hispanic or Latino - 12%
- White alone, not Hispanic or Latino - 71%

The Hanford site lies solely within Benton County

Franklin County 2013 Census



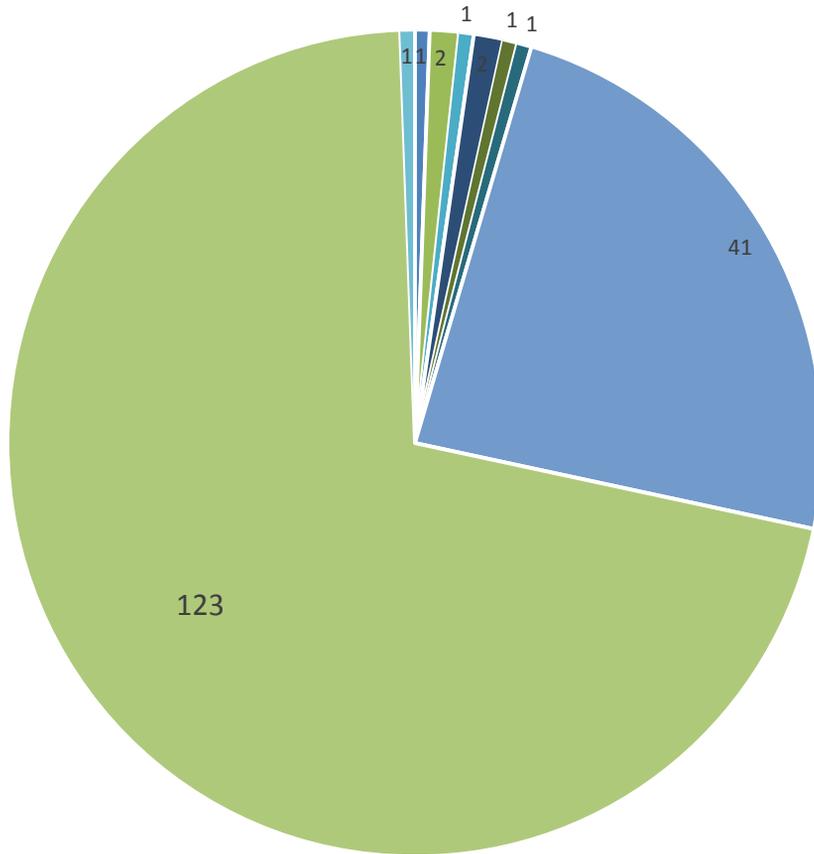
- Black or African American alone - 4%
- American Indian and Alaska Native - 2%
- Asian alone - 8%
- Native Hawaiian and Other Pacific Islander alone - 1%
- Two or More Races - 4%

Q23: Demographic information (Optional)

Answered: 158

Skipped: 25

States of Residency



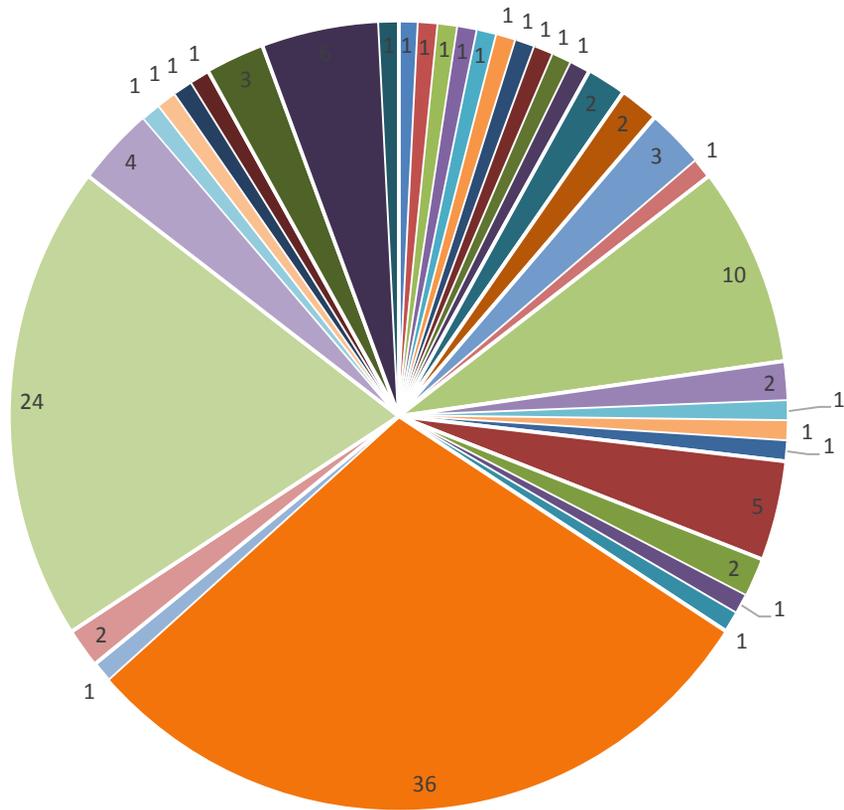
AZ - 1 CA - 2 CO - 1 ID - 2 MA - 1 NJ - 1 OR - 41 WA - 123 Japan - 1

Q23: Demographic information (Optional)

Answered: 158

Skipped: 25

Washington Cities of Residency



- Anacortes - 1
- Bellevue - 1
- Bellingham - 1
- Benton City - 1
- Camas - 1
- Cathlamet - 1
- Cheney - 1
- Colton - 1
- Custer - 1
- Dayton - 1
- Edmonds - 2
- Everett - 2
- Federal Way - 3
- Hamville - 1
- Kennewick - 10
- Kent - 2
- Lacey - 1
- Longview - 1
- Lyle - 1
- Olympia - 5
- Pasco - 2
- Port Townsend - 1
- Redmond - 1
- Richland - 36
- Rural King County - 1
- Sammamish - 2
- Seattle - 24
- Spokane - 4
- Tacoma - 1
- Tri-Cities - 1
- Trout Lake - 1
- Vancouver - 1
- Wenatchee - 3
- West Richland - 6
- Yakima - 1



Above: Ecology outreach specialist Ginger Wireman teaches kids about habitat and wildlife at Hanford.

Right: Ginger teaching kids water quality at WSU STEM summer camp.

Below: Dan McDonald, Tank Waste Treatment Project Manager, speaking to college students about Hanford at Walla Walla University.



Above: Former Ecology communication manager, Dieter Bohrmann, at the State of the Site Meeting in Vancouver, WA. March 2015. Bohrmann is a public involvement specialist for the Office of River Protection.

It is important to educate Hanford's future workers and tax-paying citizens.

The average age of a Hanford worker is 50. More than 60% of survey participants were 46 or older.

Thank you for taking the time to explore the results of this survey. For more information on the Tri-Party agencies, click on their logo below.

The agencies also provide up-to-date news through Facebook and Twitter. Find them online or through their agency home pages.

