Results of the
Tri-Party Agreement Agencies Annual
Hanford Public Involvement Survey

2012

US Department of Energy
US Environmental Protection Agency
Washington State Department of Ecology

DEPARTMENT OF ENERGY
UNITED STATES OF AMERICA

DEPARTMENT OF
ECOLOGY
State of Washington

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

Introduction

The Tri-Party Agreement (TPA) agencies – U.S. Department of Energy (DOE), U.S. Environmental Protection Agency, and the Washington State Department of Ecology – work together on cleanup of the Hanford Site. Hanford 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 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 nuclear and chemically contaminated 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 and outreach to younger audiences to enable informed engagement and future 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 who listen to comments and consider input to decisions.
- Provide timely feedback after public involvement activities.
- Work with individuals and organizations to identify public information needs.

The TPA agencies conduct a variety of public involvement activities, which include meetings, workshops, 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 online from April 1-30, 2013. People were invited to take the survey through the following mechanisms.

- Listserv (multiple messages)
- Facebook
- DOE & Ecology websites
- Story in Tri-City Herald
- Stakeholder & Hanford Advisory Board outreach

Ninety-four people responded.

The following pages contain a listing of public involvement activities that occurred during 2012. The questions and responses begin on page 8. Raw data and any written comments are included in Appendix A, which begins on page 16.

Summary of 2012 Hanford Public Involvement Activites

2012 Meeting and Workshops

Activity: Waste Treatment Plant Open House
Date: March 14, 2012 Location: Richland, WA
The purpose of this activity was to share information on the status of construction activities at the Waste Treatment Plant.

Activity: 2014 Hanford Budget and Cleanup Priorities Public Meeting
Date: March 15, 2012 Location: Richland, WA
The purpose of this activity was to involve the public and stakeholders in the DOE Richland and Office of River Protection budget formulations. At these annual meetings, the TPA agencies discuss the impact of budget decisions and take public comment and questions on cleanup priorities.

Activity: Hanford Site-Wide Permit Workshop
Date: May 3, 2012 Location: Richland, WA
The purpose of this activity was to educate the public about the Hanford Site-Wide Permit, which is scheduled to be reissued. Ecology provided information about the permit and answered questions from the public.

Activity: Proposed Changes for Hanford's Permit for the Liquid Effluent Retention Facility and Effluent Treatment Facility and 400 Area Waste Management Unit Public Meeting
Date: May 9, 2012 Location: Richland, WA
The purpose of this activity was to hold a public meeting on proposed modifications to the current Hanford permit. The first modification was to replace an out-of-service tank at the Liquid Effluent Retention Facility and Effluent Treatment Facility. The second modification was to change the frequency of inspections at the 400 Area Waste Management Unit from twice a year to once a week.

Activity: Public hearings on the Draft Hanford Sitewide Permit
Dates: May 15 and 16; June 5 and 6, 2012 Locations: Seattle, WA; Portland, OR; Spokane, WA; Richland, WA
The purpose of this activity was to provide information, answer questions and collect public comment on the draft Hanford Sitewide Permit in response to a high level of public interest.

Activity: TPA Quarterly Public Involvement Planning Meeting
Dates: June 6 and October 31, 2012 Location: Richland, WA
The purpose of these meetings is for the TPA public involvement staffs to discuss current and future public involvement activities with the public and stakeholders. The agency representatives discuss the TPA Public Involvement Calendar (http://www.ecy.wa.gov/programs/nwp/PI/pdf/TPA_PI_Calendar.pdf), and solicit input on future activities, and request feedback from previous public involvement activities.

Activity: Hanford River Corridor Cleanup Workshops
Dates: June 12, 13, 14, and 26, 2012 Locations: Seattle, WA; Portland, OR; Hood River, OR; Richland, WA
The purpose of this activity was to provide a learning environment for participants and set context for the upcoming cleanup decisions along Hanford's River Corridor; foster opportunities for dialogue between agency representatives and the public; and address questions and identify key points of interest from the public and stakeholder groups.

Activity: HAB Committee of the Whole on Hanford Sitewide Permit
Dates: August 8, 2012 Location: Richland, WA
The purpose of this activity was to provide information and answer questions for the Hanford Advisory Board as the Board prepared to issue advice on the Hanford Sitewide Permit.

Activity: Additional Public Hearings on the Draft Hanford Sitewide Permit
Dates: August 7, September 13 and 19, 2012 Locations: Richland, WA; Portland, OR; Seattle, WA
The purpose of this activity was to provide information, answer questions and collect public comment on the draft Hanford Sitewide Permit in response to a high level of public interest.

Public meeting in Seattle for Hanford Sitewide Permit.

2012 Public Comment Periods

The purpose of public comment periods is to allow the public an opportunity to provide input on a specific proposed cleanup decision. Some public comment periods are accompanied by a public meeting or workshop. Comments taken during a formal public comment period are responded to through a Comment and Response document or a Responsiveness Summary, which are issued along with the cleanup decision. The following is a summary of public comment periods held in calendar year 2012.

April 23 - June 21, 2012
Proposed Changes for Hanford's Permit for the Liquid Effluent Retention Facility and Effluent Treatment Facility and 400 Area Waste Management Unit

May 1 – October 22, 2012
Hanford Dangerous Waste permit reissue

May 14 – June 15, 2012
Sanitary Sewer Lagoon for Hanford's Central Plateau

June 4 – July 20, 2012
Waste Treatment Plant design changes

June 4 – August 3, 2012; December 3, 2012 – January 4, 2013
Hanford Air Operating Permit renewal

July 17 – August 16, 2012
Proposed Cleanup Plan to Address Contaminated Groundwater in Hanford's Central Area (200-UP-1 OU)

October 8 – November 9, 2012
Draft Air Permit for Diesel Generator in Hanford's 200 East Area

December 10 – January 14, 2012
Diesel-Fired Water Heaters for Tank Retrieval (air permit)

November 15, 2012 – January 4, 2013
Draft Injury Assessment Plan for the Hanford Natural Resource Damage Assessment

December 10, 2012 -January 14, 2013
Draft Environmental Assessment for the Expansion of Borrow Areas on the Hanford Site

December 10, 2012 -January 24, 2013
Proposed TPA Changes to Prioritize Additional Cleanup Work

December 17, 2012– February 1, 2013
Renewal, State Waste Discharge permit for Miscellaneous Streams

2012 Informal Feedback Periods (1 total)
The purpose of informal comment periods is to allow the public an opportunity to provide input on a Hanford document or process that does not usually undergo a formal public comment period.

Informal Feedback Dates	2012 Documents Issued for Informal Feedback
February 6 - April 13, 2012	2012 Hanford Lifecycle Scope, Schedule and Cost Report

2012 Hanford-related activities held by other agencies (Non-TPA events)

A number of Hanford-related public involvement activities are conducted outside of the TPA process. The following is a list of public involvement opportunities not directly related to TPA and cleanup activities.

- January 23 – February 22, 2012: Public comment period on scoping of an Environmental Impact Statement for the Acquisition of a Natural Gas Pipeline and Natural Gas Utility Service.
A public meeting was held in Pasco on February 9, 2012.

- August 15 and 22, 2012: Meetings on Radioactive Material Transportation in Oregon were held in Portland and Hood River.

- September 19 – October 19, 2012: Public comment period on scoping of an Environmental Assessment for the Proposed Conveyance of Land at the Hanford Site.
A public meeting was held in Richland on October 10, 2012.

- November 15, 2012 – January 4, 2013: Public comment period on Hanford Natural Resource Damage Assessment. A public meeting was held in Richland on December 12, 2012.

Public meeting for Hanford Sitewide Permit.

Results of the Annual Public Involvement Survey

The TPA agencies issued a survey consisting of 23 questions. 94 people took the survey. The top responses to each question are listed in the following sections. To see the full results of the survey, including all comments, see Appendix A.

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

Hanford Listserv:	54.8 %
Newspaper:	48.4%
Hanford.gov website:	33.3%

Question 2: How would you prefer to receive information about Hanford topics?

Hanford Listserv:	62.4%	
Newspaper:	43.0%	
Ecology Website and Social Media:	25.8%	(tie between these two methods)

Question 3: Which group(s) do you represent?

General Public:	66.3%
Citizens Group:	23.6%
Hanford Workforce:	15.7%

Question 4: How far in advance are you usually notified about an upcoming Hanford public involvement activity?

3-4 weeks:	30.1%
2 weeks:	28.0%
Less than 1 week:	12.9%

Question 5: How far in advance would you like to be notified about an upcoming Hanford public involvement activity?

3-4 weeks:	47.8%
2 weeks:	23.9%
More than 4 weeks:	19.6%

Question 6: Please rate the quality of notices you have received from TPA agencies.

Good:	37.0%
Average:	27.2%
I have not seen a notice:	13.0%

DEPARTMENT OF ECOLOGY
State of Washington

PUBLIC COMMENT PERIOD — December 2012

Nuclear Waste Program

Miscellaneous Streams Waste Discharge Permit

The Washington State Department of Ecology invites you to comment on a proposed state waste discharge permit for miscellaneous streams at the Hanford Site in south-central Washington. The draft permit is available for your review.

This permit consolidates four previous permits into one. The formal name of this permit is "Categorical State Waste Discharge Permit ST0004511."

What are "miscellaneous streams?"

Miscellaneous streams include liquids from the following:

- Construction.
- Maintenance.
- Cooling.
- Fire suppression.
- Industrial stormwater.
- Hydrotesting.

What does the permit cover?

The permit exists to control the discharge of wastewater streams on the Hanford Site. Ecology's main concern is to prohibit practices that could increase, move, or spread groundwater contamination.

Permit conditions include discharge limitations, source water limitations, pollution prevention, and best management practice requirements. The permit fact sheet includes more information on how this permit came about and the kinds of wastes it covers.

The permit covers water discharges from across the Hanford Site, in areas related to the Department of Energy's cleanup mission. It does not cover leased areas or those managed by other agencies.

Publication Number: 12-05-020

WHY IT MATTERS

Though Hanford has many more complex and dangerous wastes to manage, even the routine waste water from common industrial sources must be managed in a way that protects the environment.

Public Comment Period

December 17, 2012, through February 1, 2013

To submit comments or request a public hearing, contact (in writing):

Stacy Nichols
3100 Port of Benton Blvd
Richland, WA 99354
hanford@ecy.wa.gov

Document Review Locations:

Nuclear Waste Program website
www.ecy.wa.gov/programs/nwp/commentperiods.htm

Public Information Repositories (see page 2 for locations and co information.)

Tips on Effective Com

http://www.ecy.wa.go 3.html

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If you need this d format for the vis the Nuclear Wa 509-372-7950.

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AVAILABLE FOR PUBLIC COMMENT

Draft Environmental Assessment for the Expansion of Borrow Areas on the Hanford Site

The U.S. Department of Energy (DOE) has prepared a Draft Environmental Assessment (EA) to assess potential environmental effects from the proposed expansion of eleven existing sand and gravel material borrow areas and development of one new borrow area on the Hanford Site. DOE needs the materials to backfill and close waste sites and to carry out road maintenance and construction projects in support of its environmental cleanup mission at the Hanford Site.

What is a borrow area?

A borrow area on the Hanford Site is land that provides clean material for use in supporting DOE's environmental cleanup mission. This document addresses sand and gravel borrow areas. It does not address borrow activities for silt and soil materials.

Background

The DOE's Hanford Site is making tremendous progress in cleaning up contaminated buildings, soil and groundwater resulting from past plutonium production activities dating back to the 1940's. An important part of cleanup activities involves filling in excavated areas left after contaminated buildings and soil are removed. The DOE has historically secured clean sand and gravel from a number of borrow areas on the Hanford Site for this purpose, as well as other purposes that support DOE's cleanup mission such as road maintenance and construction.

Borrow area operations are addressed in the Final Hanford Comprehensive Land Use Plan (CLUP) Environmental Impact Statement (DOE 1999), which provides overall guidance and direction for land management and land use activities on the Hanford Site. Two follow-on environmental assessments addressed use of specific borrow areas: the EA for Use of Existing Borrow Areas, Hanford Site (DOE 2001), and EA for Reactivation and Use of Three Former Borrow Sites in the 100-F, 100-H, and 100-N Areas (DOE 2003).

DOE's Proposed Action

DOE has identified the need for approximately 10,704,000 bank cubic meters of sand and gravel materials beyond the amount evaluated in the previous EAs. As DOE progresses with environmental

Public Comment Period runs from December 10, 2012 – January 14, 2013

Public notices are distributed by agencies singly or jointly, depending on the action being discussed.

Question 7: Did you comment on any of these Hanford-related topics in 2012?

Topics	**Yes Responses**	**Unaware of Opportunity**
Hanford Budget and Cleanup Priorities (March-April)	19	25
Proposed Changes for Hanford's Permit for the Liquid Effluent Retention Facility and Effluent Treatment Facility and 400 Area Waste Management Unit (April-June)	7	28
Hanford Dangerous Waste permit reissue (May-October)	24	26
Sanitary Sewer Lagoon for Hanford's Central Plateau (May-June)	4	33
Hanford Air Operating Permit renewal (June-August 2012 and December 2012-January 2013)	7	30
Proposed Cleanup Plan to Address Contaminated Groundwater in Hanford's Central Area (200-UP-1 OU) (July – August)	17	25
Draft air permit for diesel Generator in Hanford's 200 East Area (October – November)	1	35
Diesel-Fired Water Heaters for tank retrieval (air permit (December 2012 – January 2013)	1	35
Draft Injury Assessment Plan for the Hanford Natural Resource Damage Assessment (November 2012-January 2013)	7	33
Draft Environmental Assessment for the Expansion of Borrow Areas on the Hanford Site (December 2012-January 2013)	3	34
Proposed TPA Changes to Prioritize Additional Cleanup Work (December 2012-January 2013)	12	30
Renewal, State Waste Discharge permit for Miscellaneous Streams (December 2012-February 2013)	7	31

Question 8: Please select and rate the public involvement activities you attended in 2012.

2012 Meeting/Workshop	Number of Responses from Attendees	Rating with Highest Selection (5-Excellent, 4-Good, 3-Average, 2-Poor, 1-Very Poor)
Waste Treatment Plant Open House (March)	11	Average
2014 Hanford Budget and Cleanup Priorities Public Meeting (March)	10	Good
Hanford Site-Wide Permit Workshop (May)	13	Good
Proposed Changes for Hanford's Permit for the Liquid Effluent Retention Facility and Effluent Treatment Facility and 400 Area Waste Management Unit Public Meeting (May)	4	Average
Public hearings on the Draft Hanford Site-Wide Permit (May/June)	19	Average
TPA Quarterly Public Involvement Planning Meeting (June/October)	8	Excellent and Good (tie)
Hanford River Corridor Cleanup Workshops (June)	12	Excellent and Average (tie)
HAB Committee of the Whole on Hanford Site-Wide Permit (August)	7	Good
Additional public hearings on the Draft Hanford Site-Wide Permit (August/September)	15	Good
Final Tank Closure and Waste Management EIS Webinar Meeting (December)	10	Poor

Question 9: In which city are you most likely to attend a public meeting/workshop?

Richland:	44.4%
Seattle:	25.9%
Portland:	19.8%

Question 10: How would you rate the locations of the public meetings/workshops you attended? (For example, hotel, library, etc.)

Good:	30.1%
Average:	26.5%
Excellent:	7.2%

Question 11: How would you rate the TPA agencies' presentations at the public meeting/workshops you attended?

I have not seen a presentation:	32.1%
Good:	26.2%
Average:	22.6%

Question 12: How would you rate the dialogue between the public and TPA agency representatives at public meetings/workshops?

Average:	31.3%
I haven't gone to a meeting or workshop:	30.1%
Good:	18.1%

Question 13: If you provided public comment and your contact information, were you notified when responses to comments were available?

Not applicable:	62.0%
Yes, by email:	19.0%
No, I was not notified:	15.2%

Question 14: If you provided public comment(s), how satisfied were you with the response(s)?

Not applicable:	71.1%
Neutral:	13.2%
Unsatisfied:	7.9%

Question 15: How would you answer the following statement: "I believe that the TPA agencies are interested in my input and participation in Hanford Cleanup decisions."

Agree:	29.6%
Neutral:	28.4%
Disagree:	22.2%

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

Disagree:	34.2%
Neutral:	27.8%
Agree:	20.3%

Question 17: Will you participate in future activities on Hanford topics?

Very likely:	46.3%
Likely:	37.5%
Undecided:	15.0%

Question 18: Would you participate in a webinar on Hanford topics?

Likely:	43.8%
Very Likely:	26.3%
Undecided:	16.3%

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

Underground storage tanks:	74.0%
Waste Treatment Plant:	61.0%
General cleanup progress and challenges:	58.4%

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

Yes:	29.5%
No:	19.7%
I am already on the email list:	53.8%

Question 21: Please provide us with any other thoughts on public involvement at Hanford.

Responses to question 21, and raw data, including all comments provided through the survey is provided in Appendix A, which starts on page 16.

Question 22: Geographic Information

City and state of residence of survey participants.

Geographic Area	Total	Percentage
Tri-Cities, WA and surrounding areas	35	43.8%
Seattle, WA and surrounding areas	20	25.0%
Spokane and Cheney, WA	4	5.0%
Portland, OR and surrounding areas	15	18.8%
Eugene, OR and surrounding areas	4	5.0%
San Diego, CA	1	1.3%
Lapwai, ID	1	1.3%

Question 23: Demographic Information

Demographic information of survey participants.

Age	Under 30	30-45	46-65	Over 65
	9.2%	21.1%	47.4%	22.4%

Gender	Male	Female
	57.3%	42.7%

Race/ Ethnicity	Caucasian	Hispanic	African-American	Asian-American	Native American	Other Ethnicity
	87.3%	1.4%	0%	2.8%	0%	6%

Lessons Learned

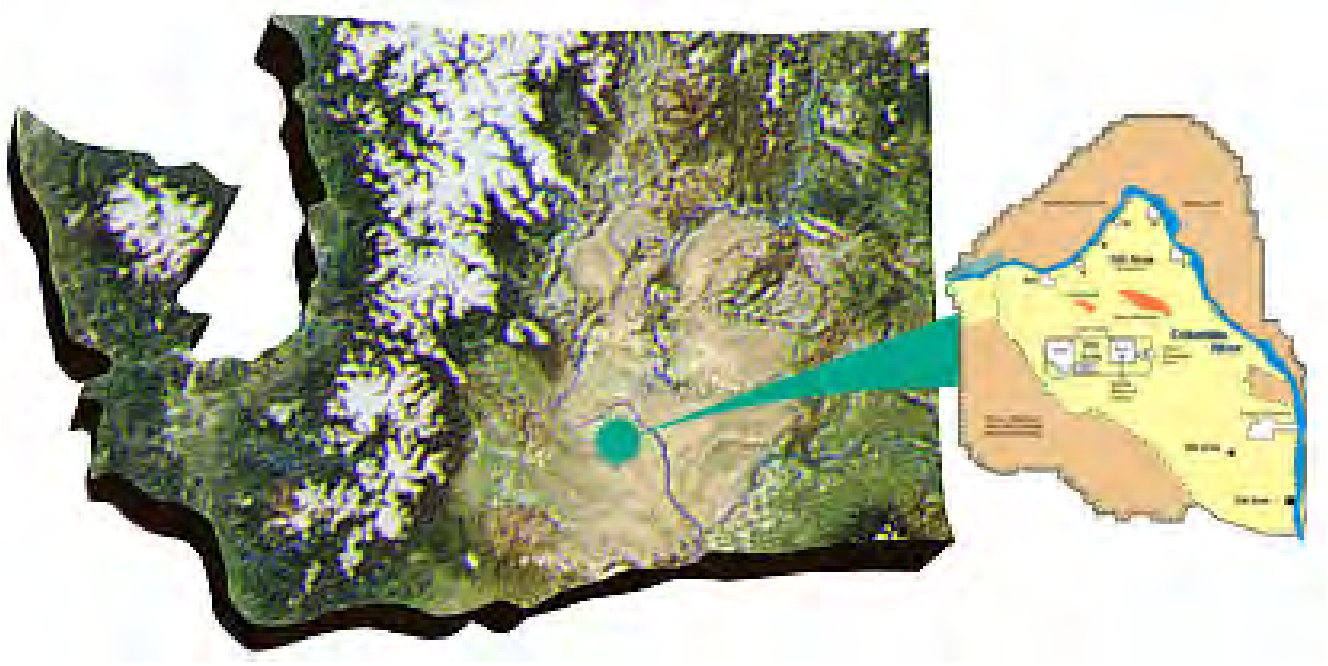
Public input helps the TPA agencies evaluate public perception of our strengths and weaknesses in engaging people. It creates an opportunity for us to improve our public involvement planning and communications. The input received in the 2012 Hanford Public Involvement Survey identified several areas where the TPA agencies could improve:

- Increasing awareness of public comment opportunities
- Providing 3-4 weeks of advance notice for upcoming Hanford public involvement activities
- Ensuring people who provide public comment are informed when responses to their comments are issued and how to access the responses
- Ensuring comment and response documents and responsiveness summaries clearly respond to public comments
- Improving communications on how public input influences cleanup decisions
- Increasing the use of webinars for Hanford topics

Conclusion

The 2012 Hanford Public Involvement Survey had the largest number of participants compared to previous Hanford surveys. The variety of people who took the survey shows a wide range of interest in Hanford cleanup. The TPA agencies plan to put the survey findings to use as we work to improve public involvement at the Hanford site. For more information, email hanford@ecy.wa.gov or call the Hanford Cleanup Line at 1-800-321-2008.

Please see Appendix A for complete data and any comments submitted by survey respondents.



The Hanford Site is about 200 miles from both Seattle and Portland. Public meetings are often held in those cities to allow for broad public participation. Meetings are also sometimes held in Spokane and Hood River.

APPENDIX A - RAW DATA FROM SURVEY MONKEY

1. How do you usually receive information about Hanford topics? (Please select all that apply)

	Response Percent	Response Count
Advisory Board	23.4%	22
Citizens Group	31.9%	30
Ecology website	22.3%	21
Hanford.gov website	34.0%	32
Hanford Listserv (email)	**54.3%**	**51**
Hanford Mailing (postal)	13.8%	13
Newspaper	48.9%	46
Radio	26.6%	25
Social Media (Facebook, Twitter, etc.)	26.6%	25
Television	17.0%	16
Work Announcements	11.7%	11
I don't usually see information about Hanford issues	3.2%	3
Other (please specify)	21.3%	20
	answered question	**94**
	skipped question	**0**

"Other" responses specified Heart of America NW (6), Hanford Challenge (3), Hanford class at UW, and personal contacts such as family and colleagues.

2. How would you prefer to receive information about Hanford topics? (Please select top 3)

	Response Percent	Response Count
Advisory Board	21.3%	20
Citizens Group	23.4%	22
Ecology website	26.6%	25
Hanford.gov website	23.4%	22
Hanford Listserv (email)	**62.8%**	**59**
Hanford Mailing (postal)	11.7%	11
Newspaper	42.6%	40
Radio	19.1%	18
Social Media (Facebook, Twitter, etc.)	25.5%	24
Television	18.1%	17
Work Announcements	10.6%	10
Other (please specify)		6
answered question		**94**
skipped question		**0**

Media campaigns
the more information available the less likely to get away with deceit.
Tribal Meetings
Social media from official sites
whistleblowers
More published reports containing interpretations and analyeses of environmental monitoring activities

3. Which group(s) do you represent? (Please select all that apply)

	Response Percent	Response Count
Advisory Board	13.3%	12
Business/Industry	3.3%	3
Citizens Group	23.3%	21
Federal Government	4.4%	4
General Public	**65.6%**	**59**
Hanford Workforce	15.6%	14
State Government	6.7%	6
Tribal Nation	3.3%	3
Other (please specify)		11
answered question		**90**
skipped question		**4**

“Other” responses included private citizen/taxpayer, former Hanford worker, student and media.

4. How far in advance are you usually notified about an upcoming Hanford public involvement activity?

	Response Percent	Response Count
Less than a week	12.8%	12
1 week	6.4%	6
2 weeks	27.7%	26
3-4 weeks	**30.9%**	**29**
More than 4 weeks	10.6%	10
I don't usually hear about upcoming activities	11.7%	11
	answered question	**94**
	skipped question	**0**

5. How far in advance would you like to be notified about an upcoming Hanford public involvement activity?

	Response Percent	Response Count
Less than a week	0.0%	0
1 week	8.6%	8
2 weeks	23.7%	22
3-4 weeks	**48.4%**	**45**
More than 4 weeks	19.4%	18
	answered question	**93**
	skipped question	**1**

6. Please rate the quality of notices you have received from TPA agencies.

	Response Percent	Response Count
Excellent	8.6%	8
Good	37.6%	35
Average	26.9%	25
Poor	8.6%	8
Very poor	5.4%	5
I have not seen a notice	12.9%	12
answered question		93
skipped question		1

7. Did you comment on any of these Hanford-related topics in 2012?

	Yes	No	Unaware of the opportunity	Rating Count
Hanford Budget and Cleanup Priorities (March-April)	22.9% (19)	**47.0% (39)**	30.1% (25)	83
Proposed changes for Hanford's permit for the Liquid Effluent Retention Facility and Effluent Treatment Facility and 400 Area Waste Management Unit (April-June)	8.6% (7)	**56.8% (46)**	34.6% (28)	81
Hanford Dangerous Waste Permit reissue (May-October)	28.9% (24)	**39.8% (33)**	31.3% (26)	83
Sanitary sewer lagoon for Hanford's central plateau (May-June)	5.1% (4)	**52.6% (41)**	42.3% (33)	78
Hanford Air Operating Permit renewal (June-August and December-January 2013)	9.0% (7)	**52.6% (41)**	38.5% (30)	78
Proposed cleanup plan to address contaminated groundwater in Hanford's central plateau (200-UP-1 OU) (July-August)	21.5% (17)	**46.8% (37)**	31.6% (25)	79
Draft air permit for diesel generator in Hanford's 200 East Area (October-November)	1.3% (1)	**53.8% (42)**	44.9% (35)	78
Diesel-fired water heaters for tank retrieval (air permit) (December-January 2013)	1.3% (1)	**53.2% (41)**	45.5% (35)	77
Draft Injury Assessment Plan for the Hanford Natural Resource Damage Assessment (November-January 2013)	9.1% (7)	**48.1% (37)**	42.9% (33)	77
Draft Environmental Assessment for the expansion of borrow areas on the Hanford Site (December-January 2013)	3.8% (3)	**52.6% (41)**	43.6% (34)	78

7. Did you comment on any of these Hanford-related topics in 2012?

	Yes	No	Unaware of the opportunity	Rating Count
Proposed TPA changes to prioritize additional cleanup work (December-January 2013)	15.0% (12)	**47.5% (38)**	37.5% (30)	80
Renewal, State Waste Discharge Permit for Miscellaneous Streams (December-February 2013)	9.0% (7)	**51.3% (40)**	39.7% (31)	78
			answered question	**86**
			skipped question	**8**

8. Please select and rate the public involvement activities you attended in 2012.

	5-Excellent	4-Good	3-Average	2-Poor	1-Very Poor	NA-not applicable	Rating Count
Waste Treatment Plant Open House (March)	4.4% (3)	1.5% (1)	5.9% (4)	2.9% (2)	1.5% (1)	**83.8% (57)**	68
2014 Hanford Budget and Cleanup Priorities Public Meeting and Webinar (March)	1.5% (1)	8.8% (6)	2.9% (2)	1.5% (1)	0.0% (0)	**85.3% (58)**	68
Hanford Site-Wide Permit Workshop (May)	1.4% (1)	8.5% (6)	4.2% (3)	4.2% (3)	0.0% (0)	**81.7% (58)**	71
Proposed Changes for Hanford's Permit for the Liquid Effluent Retention Facility and Effluent Treatment Facility and 400 Area Waste Management Unit Public Meeting (May)	0.0% (0)	0.0% (0)	4.5% (3)	1.5% (1)	0.0% (0)	**93.9% (62)**	66
Public hearings on the Draft Hanford Site-Wide Permit held in Seattle, Portland, Spokane, and Richland (May/June)	2.8% (2)	9.9% (7)	8.5% (6)	4.2% (3)	1.4% (1)	**73.2% (52)**	71
TPA Quarterly Public Involvement Planning Meetings (June/October)	4.5% (3)	4.5% (3)	1.5% (1)	1.5% (1)	0.0% (0)	**88.1% (59)**	67
Hanford River Corridor Cleanup Workshops held in Seattle, Portland, Hood River, and Richland (June)	5.8% (4)	4.3% (3)	5.8% (4)	1.4% (1)	0.0% (0)	**82.6% (57)**	69
HAB Committee of the Whole on Hanford Site-Wide Permit (August)	3.0% (2)	7.6% (5)	0.0% (0)	0.0% (0)	0.0% (0)	**89.4% (59)**	66
Additional public hearings on the Draft Hanford Site-Wide Permit held in Richland, Portland, and Seattle (August/September)	2.9% (2)	8.6% (6)	5.7% (4)	4.3% (3)	0.0% (0)	**78.6% (55)**	70
Final Tank Closure & Waste Management EIS Webinar Meeting (December)	1.5% (1)	3.0% (2)	3.0% (2)	4.5% (3)	3.0% (2)	**85.1% (57)**	67
						answered question	**76**
						skipped question	**18**

9. In which city are you most likely to attend a public meeting/workshop?

	Response Percent	Response Count
Richland	44.4%	36
Seattle	25.9%	21
Portland	19.8%	16
Hood River	4.9%	4
Spokane	4.9%	4
Other (please specify)		8
answered question		81
skipped question		13

“Other” answers included Yakima, Walla Walla and Bellevue/Issaquah

10. How would you rate the locations of the public meetings/workshops you attended? (For example, hotel, library, etc.)

	Response Percent	Response Count
Excellent	7.1%	6
Good	29.8%	25
Average	26.2%	22
Poor	2.4%	2
Very poor	0.0%	0
I have not attended a meeting or workshop	**34.5%**	**29**
Why did you like/dislike the location?		7
answered question		**84**
skipped question		**10**

"Other" responses listed below as input (no edits).

Standing room only too crowded
easy access/ large enough (sort of)
Some locations were too large, some too small. Often, too many tables get in the way of more compact seating that facilitates good discussion.
The ones held at Double Tree were central and accessible.
much to distant from population centers (in past)
Not that ADA Compliant
I do not drive and find it impossible to travel to the meetings as they are not held near any easy transportation hubs for me, and I would have to stay overnight in a hotel to just attend.

11. How would you rate the TPA agencies' presentations at the public meetings/workshops you attended?

	Response Percent	Response Count
Excellent	5.9%	5
Good	25.9%	22
Average	22.4%	19
Poor	9.4%	8
Very poor	3.5%	3
I have not seen a presentation	**32.9%**	**28**
Any specific comments?		11
answered question		**85**
skipped question		**9**

"Other" responses listed next page as input (no edits).

I stopped going. The staff were very defensive and didn't provide useful relevant information.

unprofessionally written fact sheets

Often, the agency presence is overwhelming. If it's a meeting that gathers public comment, I think we need to move to public comments quickly. The back-and-forth is good, but it can and should happen in the context of public comments.

One is subjected to overwhelming/confusing info and has little opportunity to integrate it and make sense of it. I have to force myself to go to meetings/hearings. People I've succeeded in bringing with me never return. You might try one of the "Art of Hosting" techniques such as "World Cafe." Please google. I'd be happy to help.

very tendentious, evade facing truth

I have concerns about truth and reality of situation.

Too many too much talking; how about one consolidated presentation

Impression is that minimal time/effort goes into preparing for these meetings; presenters do not seem to be in full command of their subject areas; too many "....I'll have to get back to you" replies to questions.

Department of Energy presentations seem pre-determined and bureaucratic, and DOE employees seem unwilling/unable to answer some questions or acknowledge some concerns

1-2 page briefings were poorly written (typos, bad grammar and draft layouts distributed to public)

The presentations by both Oregon DOE and Washington Ecology that have come to OSU were outstanding

12. How would you rate the dialogue between the public and TPA agency representatives at public meetings/workshops?

	Response Percent	Response Count
Excellent	3.6%	3
Good	17.9%	15
Average	**31.0%**	**26**
Poor	14.3%	12
Very poor	2.4%	2
I haven't gone to a meeting or workshop	**31.0%**	**26**
Any specific comments?		11
answered question		**84**
skipped question		**10**

"Other" responses listed next page as input (no edits).

US Dept Energy not there!!!!!! needs to be.

I prefer workshop formats which allow for informal questioning.

Responses are "canned" and don't respond to the spirit of question

exception was river corridor workshops

The latest Hanford news items (tank leaks, etc.) can dominate a hearing, regardless of the purprorted topic for the hearing. This speaks to the need for more public hearings, not fewer. The DOE and other Tri-Party agencies should be aggressively scheduling hearings in Portland, Hood River, and other communities outside of the Tri-Cities in order to allay concerns and inspire support for the cleanup effort.

not enough meetings in Seattle to serve public

There has to be an educational component to these events. People are traumatized in part because there's never enough time for Q & A and dialogue. Breaking people up into groups with to discuss a certain part of the issue and then return to larger group would be a good start. There's also the issue of who to believe--watchdog agency or agency reps? A panel of both periodically would be helpful. Also "experts" need to learn how to speak in layperson's terms.

the public generally focuses on what DOE and WA Dept of Ecology ignore

The Heart off America are not very knowledgable of teh regulations, but no one from Ecology stod up and correcetd them when they missspoke

Agency Officials never seem to listen

More meetings near public transportation with enough notice that I could go or some sort of meeting plan outside of Portland into other parts of Oregon?

13. If you provided public comment and your contact information, were you notified when responses to comments were available?

	Response Percent	Response Count
Yes, by email	18.8%	15
Yes, by mail and email	1.3%	1
Yes, by mail	2.5%	2
No, I was not notified	15.0%	12
Not applicable	**62.5%**	**50**
	answered question	**80**
	skipped question	**14**

14. If you provided public comment(s), how satisfied were you with the response(s)?

	Response Percent	Response Count
Strongly satisfied	0.0%	0
Satisfied	3.9%	3
Neutral	13.0%	10
Unsatisfied	7.8%	6
Strongly unsatisfied	3.9%	3
Not applicable	**71.4%**	**55**
Any specific comments?		6
answered question		**77**
skipped question		**17**

"Other" responses listed below as input (no edits).

I never saw responses to my comments.
Again, public comments are deflected and not addressed head on
no feedback
steadfast government denial of unacceptable risk of nuclear energy to public health and safety, including use of DU by DoD which may be greatest war crime in human history
I don't get answers to my questions.
I emailed comments. Did not receive replies.

15. How would you answer the following statement: "I believe that the TPA agencies are interested in my input and participation in Hanford cleanup decisions."

	Response Percent	Response Count
Strongly agree	4.9%	4
Agree	30.5%	25
Neutral	28.0%	23
Disagree	22.0%	18
Strongly disagree	14.6%	12
answered question		82
skipped question		12

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

	Response Percent	Response Count
Strongly agree	1.3%	1
Agree	20.0%	16
Neutral	28.8%	23
Disagree	33.8%	27
Strongly disagree	16.3%	13
answered question		80
skipped question		14

17. Will you participate in future activities on Hanford topics?

		Response Percent	Response Count
Very Likely		46.9%	38
Likely		37.0%	30
Undecided		14.8%	12
Unlikely		1.2%	1
Highly unlikely		0.0%	0
		answered question	81
		skipped question	13

18. Would you participate in a webinar on Hanford topics?

	Response Percent	Response Count
Very likely	25.9%	21
Likely	44.4%	36
Undecided	16.0%	13
Unlikely	13.6%	11
Very Unlikely	0.0%	0
Any specific comments?		7
answered question		81
skipped question		13

"Other" responses listed below as input (no edits).

Depends on how educated it is or if it is properganda pushing nuke energy
Technical problems or audience noise made them difficult to listen to, so I'm not inclined to participate again.
Webinars are much less effective than in-person meetings. The in-person meetings are expensive, I realieze, but that is largely a product of the over-presence of agency representatives at these hearings.
I heard from people that the webinars weren't very successful. I might try however if the bugs are worked out.
nuclear energy needs to be left on the sun, not on this planet. Even at an average distance of 93 million miles, it causes skin cancer. Close it down, convert the facility to geothermal since it's located on a volcanic range.
Face-to-face interaction is far preferable to screen interaction.
great idea!

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19. Which Hanford topics would you most want to discuss or learn about in a public forum? (Please select top 3)

	Response Percent	Response Count
Central Plateau cleanup	33.3%	26
Changes to cleanup schedules	32.1%	25
General cleanup progress & challenges	59.0%	46
Hanford after cleanup	28.2%	22
Hanford budgets	33.3%	26
River Corridor cleanup	46.2%	36
Underground storage tanks	**74.4%**	**58**
Waste Treatment Plant	60.3%	47
Other (please specify)		13
answered question		**78**
skipped question		**16**

"Other" responses listed next page as input (no edits).

chacterize leaking tank waste and put it in the newspaper
Current radiation leaks air, soil, water
The public deserves more transparency with where federal money is going and doing.
They are all important. And you forgot groundwater, nrd, affects to wildlife, human health impacts,
Ways to move past WTP obstructionists
Really, the answer is all of the above. Groundwater is a key issue that interests everyone, as well as River Corridor cleanup final decisions.
All! PLUS Community Education about Hanford
Mothballing the Columbia Generating Station along with Trojan and getting out of business entirely, with all future funding allocated to cleanup and waste security.
Other impacts such as the shipments from Bremberton or land exchange..
WTP real schedule/cost and affect on Tank Farms Ops
Long-term environmental monitoring and implications for the Hanford Reach National Monument.
When is USDOE going to live up to it's obligations?
Returning Hanford Lands to Recreational Use

Question 20 asked people if they would like to join the TPA agency email list to recieve information about Hanford. Sixteen people shared their email address and were added to the list.

Survey Question 21 asked people to "please provide us with any other thougths on public involvement at Hanford." Thirty four people responded with the following comments (as entered, no edits were made).

1	Keep up the good work!
2	Anyone living near Columbia River basin is in grave danger if Hanford contamination spreads. The government's role should be to prevent this spread and to get all involved who are potentially affected.
3	It's like pulling teeth to get the truth. I just heard from Heart of America NW the high level waste tanks were leaking for a year but only brought to the public attention in February 2013. Where's the arrest of US DOE and corporate officials responsible? Where is the FBI on the scene? These are crimes of negligence and callous disregard for Indian Treaty Law and Human Rights of all the people in the Columbia Watershed. If N. Korea or Iran were allowing leaking high level waste to go on we would never hear the end of it and the US would probably be saying "all options are on the table" Ed Martiszus, BA,BS,RN
4	Staff tasked with public involvement and outreach seem genuine in their desire to solicit input from the public. However, leadership, especially at DOE, continues to scoff public concerns and not allow input to truly influence decision making. Many I know are disheartened and frustrated by the lack of transparency, public dialogue, and effort to engage the public on serious issues such as the Waste Treatment Plant and tank leaks, and waste cleanup. Hanford is at a critical juncture where serious public dialogue about the state of cleanup is needed, and yet there is a vacuum of information. In the end we all suffer if cleanup is done poorly; if taxpayer dollars are wasted; if a seriously flawed safety culture results in boondoggled projects, accidents, and the spread of contamination. It is time for bold leadership to be transparent, to solicit and really consider public input, and the input of independent experts. The risks are too great not to make big changes now.
5	it is essential that US Dept of Energy reps attend these hearings and testimonies. That dept has final say on what goes on with the radioactive waste, but if they do not show up, they can then just change their plans after the WDOE and maybe the EPA has been presenting. Is there ANYONE taking charge of the whole process? or do we just have it done bit by bit by bit?
6	Public involvement is essential to Management Hanford. The public funds Hanford. Hanford affects the public. Hanford without public consideration and input would be a worse disaster.

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7	Hanford and CGS need to be stopped and held responsible for the lies and deceit. There has been 2M a DAY spent on the Vit plant and the building is useless and unable to pump the waste safely. The Federal government continues to make waste and store it at "Hanford", leasing different "areas" to entities like The US Ecology that has nothing to do with the actual Department of Ecology. The Tri-Party agreement was placed to represent the people from and living down river and down wind from Hanford.... what have you done? The permit expired over 10 years ago and they already have a re-licensing for another 20 years on CGS. Where is the justice and who is going to demand it, if the TPA don't?!
8	For decades I have watched failed processes and delays efforts to secure radioactive wastes. All the while the situation becomes worse because demanded closure has not been used to force a failed process to cleanup. And worse every contractor is paid even when they fail to preform tasks as clearly specified. Besides even with all the effort to prevent failure to disclose risk problems that occur the fact is there is a very bad track record even to present in such compliance. Clearly the contractors engaged see the oversight as very weak and unable to take meaningful enforcement measures against responsible parties.
9	Ecology should restore funding to Heart of America Northwest for its Citizen Guides. These are the most informative things I receive, and HoANW is doing Ecology's outreach job for them.
10	It appears people from outside the area with their own agenda are obstructing timely Hanford cleanup. It is time to make decisions and get on with cleanup, especially completing the Waste Treatment Plant.

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11	I believe the staff tasked with public involvement and outreach are genuine in their desire to solicit input from the public, however I do not believe that leadership, especially at DOE, is really on board with letting public concerns and input truly influence decision making. I am disheartened and frustrated by the lack of transparency, public dialogue, and effort to engage the public on serious issues such as the Waste Treatment Plant and tank waste cleanup. Hanford is at a critical juncture where serious public dialogue about the state of cleanup and what is needed to be successful is essential, and yet there is a vacuum and even fortressing against openness and input from the public. In the end we all suffer if cleanup is done poorly; if taxpayer dollars are wasted; if a seriously flawed safety culture results in boondoggled projects, accidents, and the spread of contamination. It is time for bold leadership to solicit and really consider public input and shift cleanup policy to respond to the concerns of the public.
12	The utter lack of meaningful public involvement opportunities on the Waste Treatment Plant and the tank leaks is an outrage. You cannot really say that you engage in public involvement at Hanford without providing public involvement opportunities for these crucial topics. The ultimate disposition of the High Level Wastes from the tanks is "the" major issue at Hanford, and there is no public process other than whistleblowers, media, and public interest groups. A real shame.
13	1. Thank you for engaging the public on Hanford cleanup. I generally find TPA agency staff to be respectful, engaged, and interested in comments. 2. Public comment often has no bearing on pre-made decisions. For example, the public overwhelmingly recommended more aggressive cleanup of plutonium liquid waste sites, but these comments had no effect on the final decision. The River Corridor upcoming decisions are also very important, and they deserve a robust, region-wide discussion that has the potential to actually impact cleanup decisions. 3. Because the TPA involves three agencies, it often seems as if there are too many agency reps in comparison to the public folks who decide to attend. This might be necessary, but it often seems as if the public voices are stymied by an over-abundance of agency information. It's an understandable problem because the issues are complex, but it's something that could be improved. 4. It is more important than ever to prioritize public information and input when bad news (like tank leaks, etc.) emerges. At those moments, the public is engaged, concerned, and wants to support a robust cleanup. We need a unified voice that cleanup is critical. Sometimes it helps to be honest about the scale and severity of the problem, rather than to give the impression that we are close to completion of 90 percent of the cleanup.

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14	I don't feel that the concerns of the public are being considered. We need more meetings places that are easily accessible so everyone can weigh in on the subject of Hanford cleanup. Nuclear waste must not be moved around. We need dry cast permanent storage for the waste. No additional waste should be added to Hanford. The nuclear power power should be closed down. It is similar to the plants in Japan that meled down. The plant to convert nuclear material into a glass material is too dangerous. Washington State water should be monitored for radiation and the results should be made public.
15	Nuclear pollution is not regional. Chernobyl was global. Fukushima is global. Hanford is a global problem, not a regional problem.
16	have more meetings on this side of the mountains and let me know please leahboehm@hotmail.com
17	I'm on the email list but often can't understand what I'm reading so I often don't bother opening them. I recently graduated with a master's in Leadership for Sustainability Education from PSU. My comprehensive project was: "Sustainable Activism: The Hanford Nuclear Reservation." The gist is, creating an ongoing community/university partnership to participate in the clean-up which emerges from being literate about place--learning about Hanford as part of the Cascadia Bio-region. I'm currently working on the "Columbia River Walk" from Portland to the Hanford Reach where people will learn about the River and Hanford as part of place and develop an abiding relationship with both.
18	I always enjoy attending meetings/forums about Hanford. My lack of attending in 2012 was due to a hectic schedule on my part (not lack of interest).
19	The TPA agencies should avoid scheduling public comment periods and hearings between the Thanksgiving and New Years holiday season. Inclement weather and travel plans infringe on public involvement. The TPA agencies should also create summary fact sheets after a public comment period to plain talk how public comments did or did not change the proposed cleanup or other agency decision. The TPA agencies should continue to hold public meetings in Hood River, which is centrally located in the Columbia River Gorge. The TPA agencies should also consider holding more pubilic hearings in Vancouver, WA.
20	You must listen to the public. It's our country and our lives you are risking without our permission. There is no safe nuclear energy. After Fukushima, how can you honestly continue this potentially tragic charade?

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21	I think it is time to lay everything on the table. The tanks are failing, the area is accepting nuclear materials from Bremberton over the next three years - I am pretty sure I commented on the land exchange study and that isn't mentioned in this survey. We need a reality check - a true picture of what is going on. I don't think the companies or agencies really know how to clean up this mess. I heard a man speak at one of the public hearings about double walled tanks with lead linings. He was treated with such disdain - but maybe he has the solution. Studies, paperwork, charts and graphs are nice, but evidently haven't done the job.
22	The Tank Farms continue to age and you know what happens with age! What is the long term plan for WTP as it directly affects the Tank Farms.
23	The general public usally gets info about hanford weeks after the info was of any use.
24	I was astounded at the response to the public tours announcement. I waited 12 hours so I could ask my wife if she wanted to attend also, and when I went back to get two reservations, everything was booked for the year. More sessions would be good but the demand may be impossible to fulfill anyway. Next time I won't ask, I'll just reserve.
25	The disconnect between the apparent objectives of multiple organizations associated with Hanford Site cleanup, and the specific objectives for which public money is being spent, is becoming more apparent in the face of declining Federal budgets for such work. Bureaucracy for its own sake has no place, nor does 'slot-filling' employment benefit anyone.
26	I find the terminology very challenging. Thank you for every effort to present the issues to we "laymen". My primary issues: Cleanup delays by the Feds - not acceptable. The Columbia River, and therefore our west coast is being poluted as we speak. CLEAN IT UP! Spend money on research to dispose of Nuc. Waste. DO NOT allow more to be shipped to Hanford. Store it where it gets created, or don't create it!
27	Public involvement activities are not always scheduled with sufficient regularity to encourage planning and participation.
28	I am most interested in seeing the Hanford area restored to a place where people (the public) can go to walk, run, bicycle on trails. This includes access to the summit of Rattlesnake Mountain.
29	Please do a better job to create professionally written summaries and briefings.

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30	Public involvement at Hanford is certainly a good thing. There is sometimes an impression that organizations that communicate information (HAB in particular) sometimes get steered by DOE contract representatives to manage information to be more DOE friendly. While this has only happened a few times in my experience it tarnishes the reputation of these organizations.
31	re Q20: I'm on the listserve. Does this mean I'm on the "TPA agency email list?
32	Public involvement on Hanford issues seems to be designed to drive away anybody who might be interested in learning about or commenting on the urgent matters that need input. Agency representatives understate the significance of the issues, there isn't enough dialogue, the design of the meetings is abysmal, and the presentations are generally awful.
33	I would like to see more diversity from the Tri-City community. I am not comfortable with the large role that watchdog groups have in representing local citizens.
34	I want to commend Oregon DOE and Washington Ecology for coming to OSU to inform the public, very helpful for our community, thank you. I wish they could come on a regular basis for an ongoing conversation, or perhaps an Oregon waste board meeting could also be held near Corvallis and as far south as Ashland, where there is interest in these topics!!!