



Response to Comments - 242-A Evaporator Wall Penetration to Connect the Double Shell Tanks

May 8, 2020 to July 7, 2020

By Andrew Pomiak

For the **Nuclear Waste Program**

Washington State Department of Ecology

Richland, Washington

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¹ www.ecology.wa.gov/contact

Department of Ecology's Regional Offices

Map of Counties Served



Southwest Region 360-407-6300	Northwest Region 425-649-7000	Central Region 509-575-2490	Eastern Region 509-329-3400
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Region	Counties served	Mailing Address	Phone
Southwest	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Mason, Lewis, Pacific, Pierce, Skamania, Thurston, Wahkiakum	PO Box 47775 Olympia, WA 98504	360-407-6300
Northwest	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom	3190 160th Ave SE Bellevue, WA 98008	425-649-7000
Central	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima	1250 W Alder St Union Gap, WA 98903	509-575-2490
Eastern	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman	4601 N Monroe Spokane, WA 99205	509-329-3400
Headquarters	Across Washington	PO Box 46700 Olympia, WA 98504	360-407-6000

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DEPARTMENT OF
ECOLOGY
State of Washington

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Introduction

The Washington State Department of Ecology's Nuclear Waste Program (Ecology) manages dangerous waste within the state by writing permits to regulate its treatment, storage, and disposal.

When a new permit or a significant modification to an existing permit is proposed, Ecology holds a public comment period to allow the public to review the change and provide formal feedback. (See [Washington Administrative Code \[WAC\] 173-303-830](#) for types of permit changes.)

The Response to Comments is the last step before issuing the final permit, and its purpose is to:

- Specify which provisions, if any, of a permit will become effective upon issuance of the final permit, providing reasons for those changes.
- Describe and document public involvement actions.
- List and respond to all significant comments received during the public comment period and any related public hearings.

This Response to Comments is prepared for:

Comment period	242-A Evaporator Wall Penetration to Connect the Double Shell Tanks, May 8, 2020 to July 7, 2020
Permit	<i>Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Operating Unit Group 4 (WA7890008967), 242-A Evaporator</i>
Permittees	United States Department of Energy, Office of River Protection and Washington River Protection Solutions
Original Issuance date	November 11, 1980

To see more information related to the Hanford Site and nuclear waste in Washington, please visit our webpage, [Hanford Cleanup](#)².

² <https://www.ecology.wa.gov/Hanford>

Reasons for Issuing the Permit

The 242-A Evaporator facility is a mixed-waste treatment and storage unit that concentrates the liquid portion of double-shell tank waste at Hanford.

In 2018, transfer lines from the Double-Shell Tank AW-Farm to the 242-A Evaporator failed encasement pressure tests. After more testing, the permittees decided to replace the lines rather than repairing and recertifying them.

This permit modification allows facility changes at the 242-A Evaporator to support installation of these new lines. The changes include new wall penetrations (including compliant secondary containment), new wall nozzles, and other facility upgrades.

Permitting of Hanford dangerous waste management is administratively divided into unit-groups, most often as an operation or collection of tank farms. The 242-A Evaporator and the double-shell tanks are separate unit groups. The boundary between the two unit groups is the outside of the 242-A Evaporator building wall.

This permit modification only addresses changes to the 242-A Evaporator unit group, which has a final status permit. The portions of the transfer line installations done outside of the 242-A Evaporator building are administratively controlled by the double-shell tank system and are being installed under Washington Administrative Code 173-303-805, *Interim Status Permits*.

Public Involvement Actions

The U.S. Department of Energy (USDOE) encouraged public comment on the permit modification package, including changes to Chapter 4.0, "Process Information," and the Permit Conditions, during a 60-day public comment period held May 8 through July 7, 2020.

The following actions were taken to notify the public:

- Mailed a public notice announcing the comment period to 1184 members of the public.
- Distributed copies of the public notice to members of the public at Hanford Advisory Board meetings.
- Placed a public announcement legal classified advertisement in the *Tri-City Herald* on May 8, 2020.
- Emailed a notice announcing the start of the comment period to the [Hanford-Info email](#) list, which has 1322 recipients.

USDOE held a public meeting on June 8, 2020, at 5:30 pm via GoToWebinar. There were 39 counted attendees, about half of whom were members of the public. Others may have joined the webinar anonymously, so the attendee count may not be accurate. No comments were collected during the meeting.

The Hanford information repositories located in Richland, Spokane, and Seattle, Washington, and Portland, Oregon, received the following documents for public review:

- Public Notice
- Transmittal letter
- Fact Sheet for the proposed 242-A Evaporator Permit Modification
- Draft 242-A Evaporator Permit Modification

The following public notices for this comment period are in [Appendix A](#) of this document:

- Fact sheet
- Classified advertisement in the *Tri-City Herald*
- Notices sent to the Hanford-Info email list

List of Commenters

The table below lists the names of organizations or individuals who submitted a comment on the [unit name] Permit modification. The comments and responses are in [Attachment 1](#).

Commenter	Organization
Mike Conlan	Citizen
Nancy Arbuckle	Citizen
James Millbauer	Citizen
John Wolcott	Citizen
Shannon Cram	Citizen
Christian Swenson	Citizen
Steven Gary	Citizen
Kaitlin McCarthy	Citizen
Heather Berg	Citizen
Harry Anonymous	Citizen
Becca Hall	Citizen
Tom Carpenter	Hanford Challenge
Anonymous	Citizen

Attachment 1: Comments and Responses

Description of comments:

Ecology accepted comments from May 8, 2020, through July 7, 2020. This section provides a summary of comments that we received during the public comment period and our responses, as required by RCW 34.05.325(6)(a)(iii). Comments are grouped by individual and each comment is addressed separately.

I-1: MIKE CONLAN

Comment I-1-1

1. Remove all nuclear waste,
2. Do not allow anymore nuclear waste into the facility,
3. Replace all the single storage tanks,
4. Stop all the nuclear leakage entering the Columbia River
5. Glassification!

Response to I-1-1

Thank you for your comment.

Ecology is working to ensure that long-term storage, treatment and disposal of the waste is protective of human health and the environment.

The proposed permit changes are not to allow new waste, but to better manage the waste already at Hanford.

Single-shell tanks are not in the scope of this permit modification. Ecology does agree the tanks pose a threat. We believe a better approach to addressing it is to remove the waste from the single-shell tanks and put it in the compliant double-shell tanks to prepare for eventual treatment in the Waste Treatment Plant now being built. When completed the Waste Treatment and Immobilization Plant will have the treatment capability to vitrify tank waste.

The continued operation of the 242-A Evaporator is a positive step to eventual treatment of tank waste currently stored at Hanford.

Prevention of groundwater and surface water impacts are addressed in operations associated with other units.

I-2: NANCY ARBUCKLE

Comment I-2-1

To Whom It May Concern,

Thank you for the opportunity to provide public comment on the Class Two Permit Modification for the 242-A Evaporator. I am writing because I care about efforts to protect human and environmental health and I believe in transparency and accountability. I was born in Richland when my Dad worked at the reactors and I have had two family members die relatively young. I feel a personal responsibility for preventing further harm to people and the planet.

Here are my biggest concerns:

- **Safety:** Make sure requirements are in place to protect workers and the environment from the radioactivity and chemical toxins and toxic chemical vapors present in the waste that will be moved back and forth through the new transfer lines and 242-A Evaporator.
- **Transparency:** It was unclear in the fact-sheet and public meeting materials provided for this comment period that this action to drill three holes into the evaporator was being taken because the existing transfer lines for tank waste were not safe. It was also unclear how important the evaporator is to tank waste treatment and that it is not currently operating. Share the details of the action AND the problems underpinning that action – like failing tank waste transfer pipes, and the timeline for fixing problems.
- **High-Level Tank Waste:** When you are soliciting input on anything that deals with treating tank waste, share the big picture of where the facility or action fits with immobilizing Hanford's high-level tank waste in glass.
- **Make a Long-Term Plan:** Make and share the plan for how this aging 43-year-old facility will safely work for another 40 years.

Thank you for considering my comments.

Sincerely,

Nancy Arbuckle

Response to I-2-1

Thank you for your comment. Ecology greatly appreciates your concern and ability to provide input.

1. *Safety: Ecology shares similar concerns about protecting workers and the environment. The 242-A Evaporator has extensive administrative and engineering controls in place to protect workers and the environment. The new wall penetrations and transfer lines will further increase safety during transfers by preventing further pipeline failures.*

The Permittees have established procedures in place to address worker safety and chemical vapor protection that will be followed during construction. A comprehensive work planning process will be implemented and work packages will incorporate specific worker safety protocols for this project.

2. *Transparency: The new transfer lines are being installed because the existing lines are no longer fit-for-use. Installation of these new lines will be conducted once the permit modification is effective. Campaigns will resume once these new lines are installed, currently planned for 2022.*

The Hanford permit has been administratively separated into unit groups. The boundary between the DSTs and the 242-A Evaporator has been designated at the outside of the 242-A building wall. Therefore, the permit modification information on the project to install new transfer lines was limited to those actions that will occur within the exterior building wall of the 242-A building.

However, Ecology understands the public concern about the limits these administrative separations present. Ecology is working to ensure the fact sheet and presentations during the public comment period display the complex interactions between unit groups and the reasons for modifying the permit.

- 3. High-Level Tank Waste: Ecology is working on including more comprehensive information provided in fact sheets and during public meetings. This will include discussions of the big picture how the facility supports immobilizing Hanford's high-level tank waste into glass.*
- 4. Make a Long-Term Plan: United States Department of Energy (USDOE) produced a life-extension report, HNF-3327 Engineering Study for the 242-A Life Extension Upgrades for Fiscal Years 2010 Through 2052, Revision 2, for the 242-A Evaporator as well as performs periodic assessment of the tank systems integrity. Ecology will continue to monitor the facility and ensure it will work safely through its lifespan. These pipelines were identified in the report as necessary upgrades, and other upgrades have happened since the report was issued.*

I-3: JAMES MILLBAUER

Comment I-3-1

To Whom It May Concern,

Thank you for the opportunity to provide public comment on the Class Two Permit Modification for the 242-A Evaporator. I am writing because I care about efforts to protect human and environmental health and I believe in transparency and accountability.

Thank you for considering my comments:

- **Prioritize Safety:** Make sure requirements are in place to protect workers and the environment from the radioactivity and chemical toxins and toxic chemical vapors present in the waste that will be moved back and forth through the new transfer lines and 242-A Evaporator. As a current Hanford worker, I ask that you to please put worker safety first as we clean up the most contaminated site in the USA.
- **Increase Transparency:** It was unclear in the fact-sheet and public meeting materials provided for this comment period that this action to drill three holes into the evaporator was being taken because the existing transfer lines for tank waste were not safe. It was also unclear how important the evaporator is to tank waste treatment and that it is not currently operating. Share the details of the action AND the problems underpinning that action – like failing tank waste transfer pipes, and the timeline for fixing problems.
- **Share the Big Picture:** When you are soliciting input on anything that deals with treating tank waste, share the big picture of where the facility or action fits with immobilizing Hanford's high-level tank waste in glass.

- **Make a Long-Term Plan:** Make and share the plan for how this aging 43-year-old facility will safely work for another 40 years.

Sincerely,

James P. Millbauer
713 S. Young Pl.
Kennewick, WA. 99336

Response to I-3-1

Thank you for your comment. Ecology greatly appreciates your concern and ability to provide input.

1. *Safety: Ecology shares similar concerns about protecting workers and the environment. The 242-A Evaporator has extensive administrative and engineering controls in place to protect workers and the environment. The new wall penetrations and transfer lines will further increase safety during transfers by preventing further pipeline failures.*

The Permittees have established procedures in place to address worker safety and chemical vapor protection that will be followed during construction. A comprehensive work planning process will be implemented and work packages will incorporate specific worker safety protocols for this project.

2. *Transparency: The new transfer lines are being installed because the existing lines are no longer fit-for-use. Installation of these new lines will be conducted once the permit modification is effective. Campaigns will resume once these new lines are installed, currently planned for 2022.*

The Hanford permit has been administratively separated into unit groups. The boundary between the DSTs and the 242-A Evaporator has been designated at the outside of the 242-A building wall. Therefore, the permit modification information on the project to install new transfer lines was limited to those actions that will occur within the exterior building wall of the 242-A building.

However, Ecology understands the public concern about the limits these administrative separations present. Ecology is working to ensure the fact sheet and presentations during the public comment period display the complex interactions between unit groups and the reasons for modifying the permit.

3. *High-Level Tank Waste: Ecology is working on including more comprehensive information provided in fact sheets and during public meetings. This will include discussions of the big picture how the facility supports immobilizing Hanford's high-level tank waste into glass.*
4. *Make a Long-Term Plan: United States Department of Energy (USDOE) produced a life-extension report, HNF-3327 Engineering Study for the 242-A Life Extension Upgrades for Fiscal Years 2010 Through 2052, Revision 2, for the 242-A Evaporator as well as performs periodic assessment of the tank systems integrity. Ecology will continue to monitor the facility and ensure it will work safely through its lifespan. These pipelines were identified*

in the report as necessary upgrades, and other upgrades have happened since the report was issued.

I-4: JOHN WOLCOTT

Comment I-4-1

Thank you for the opportunity to provide comment on the Class Two Permit Modification for the 242-A Evaporator. I am writing because I care about efforts to protect human and environmental health and I believe transparency and accountability are essential to completing the goal of remedying this situation.

With any action regarding cleanup at the Hanford site, but specifically regarding the DOE's current strategy, the following points are critical:

- **Prioritize Safety:** Make sure requirements are in place to protect workers and the environment from the radioactivity and chemical toxins and toxic chemical vapors present in the waste that will be moved back and forth through the new transfer lines and 242-A Evaporator.
- **Increase Transparency:** It was unclear in the fact-sheet and public meeting materials provided for this comment period that this action to drill three holes into the evaporator was being taken because the existing transfer lines for tank waste were not safe. It was also unclear how important the evaporator is to tank waste treatment and that it is not currently operating. Share the details of the action AND the problems underpinning that action – like failing tank waste transfer pipes, and the timeline for fixing problems.
- **Share the Big Picture:** When you are soliciting input on anything that deals with treating tank waste, share the big picture of where the facility or action fits with immobilizing Hanford's high-level tank waste in glass.
- **Make a Long-Term Plan:** Make and share the plan for how this aging 43-year-old facility will safely work for another 40 years.

Thanks for your consideration of my comments. Please help us clean up this mess.

John Wolcott

Response to I-4-1

Thank you for your comment. Ecology greatly appreciates your concern and ability to provide input.

1. *Safety: Ecology shares similar concerns about protecting workers and the environment. The 242-A Evaporator has extensive administrative and engineering controls in place to protect workers and the environment. The new wall penetrations and transfer lines will further increase safety during transfers by preventing further pipeline failures.*

The Permittees have established procedures in place to address worker safety and chemical vapor protection that will be followed during construction. A comprehensive

work planning process will be implemented and work packages will incorporate specific worker safety protocols for this project.

- 2. Transparency: The new transfer lines are being installed because the existing lines are no longer fit-for-use. Installation of these new lines will be conducted once the permit modification is effective. Campaigns will resume once these new lines are installed, currently planned for 2022.*

The Hanford permit has been administratively separated into unit groups. The boundary between the DSTs and the 242-A Evaporator has been designated at the outside of the 242-A building wall. Therefore, the permit modification information on the project to install new transfer lines was limited to those actions that will occur within the exterior building wall of the 242-A building.

However, Ecology understands the public concern about the limits these administrative separations present. Ecology is working to ensure the fact sheet and presentations during the public comment period display the complex interactions between unit groups and the reasons for modifying the permit.

- 3. High-Level Tank Waste: Ecology is working on including more comprehensive information provided in fact sheets and during public meetings. This will include discussions of the big picture how the facility supports immobilizing Hanford's high-level tank waste into glass.*
- 4. Make a Long-Term Plan: United States Department of Energy (USDOE) produced a life-extension report, HNF-3327 Engineering Study for the 242-A Life Extension Upgrades for Fiscal Years 2010 Through 2052, Revision 2, for the 242-A Evaporator as well as performs periodic assessment of the tank systems integrity. Ecology will continue to monitor the facility and ensure it will work safely through its lifespan. These pipelines were identified in the report as necessary upgrades, and other upgrades have happened since the report was issued.*

I-5: SHANNON CRAM

Comment I-5-1

To Whom It May Concern,

Thank you for the opportunity to provide public comment on the Class Two Permit

Modification for the 242-A Evaporator. I am writing as a fifth generation Washingtonian who cares about protecting future generations from Hanford's Contamination.

I respectfully request that this permit modification ensures that requirements are in place to protect workers and the environment from the radioactivity and chemical toxins and toxic chemical vapors present in the waste that will be moved back and forth through the new transfer lines and 242-A Evaporator. I also request increased transparency on this issue as it was unclear to me from both the fact-sheet and public meeting materials that this action to drill three holes into the evaporator was being taken because the existing transfer lines for tank

waste were not safe. It was also unclear how important the evaporator is to tank waste treatment and that it is not currently operating. Share the details of the action AND the problems underpinning that action – like failing tank waste transfer pipes, and the timeline for fixing problems.

I ask that when you are soliciting input on anything that deals with treating tank waste, you share the big picture of where the facility or action fits with immobilizing Hanford's high-level tank waste in glass. I also ask that you make and share the plan for how this aging facility will work safely for another 40 years.

Thank you for considering my comments about this important issue,

Shannon Cram

Response to I-5-1

Thank you for your comment. Ecology greatly appreciates your concern and ability to provide input.

1. *Safety: Ecology shares similar concerns about protecting workers and the environment. The 242-A Evaporator has extensive administrative and engineering controls in place to protect workers and the environment. The new wall penetrations and transfer lines will further increase safety during transfers by preventing further pipeline failures.*

The Permittees have established procedures in place to address worker safety and chemical vapor protection that will be followed during construction. A comprehensive work planning process will be implemented and work packages will incorporate specific worker safety protocols for this project.

2. *Transparency: The new transfer lines are being installed because the existing lines are no longer fit-for-use. Installation of these new lines will be conducted once the permit modification is effective. Campaigns will resume once these new lines are installed, currently planned for 2022.*

The Hanford permit has been administratively separated into unit groups. The boundary between the DSTs and the 242-A Evaporator has been designated at the outside of the 242-A building wall. Therefore, the permit modification information on the project to install new transfer lines was limited to those actions that will occur within the exterior building wall of the 242-A building.

However, Ecology understands the public concern about the limits these administrative separations present. Ecology is working to ensure the fact sheet and presentations during the public comment period display the complex interactions between unit groups and the reasons for modifying the permit.

3. *High-Level Tank Waste: Ecology is working on including more comprehensive information provided in fact sheets and during public meetings. This will include discussions of the big picture how the facility supports immobilizing Hanford's high-level tank waste into glass.*

4. *Make a Long-Term Plan: United States Department of Energy (USDOE) produced a life-extension report, HNF-3327 Engineering Study for the 242-A Life Extension Upgrades for Fiscal Years 2010 Through 2052, Revision 2, for the 242-A Evaporator as well as performs periodic assessment of the tank systems integrity. Ecology will continue to monitor the facility and ensure it will work safely through its lifespan. These pipelines were identified in the report as necessary upgrades, and other upgrades have happened since the report was issued.*

I-6: CHRISTIAN SWENSON

Comment I-6-1

Sample Comments Prepared by Hanford Challenge

To Whom It May Concern,

Thank you for the opportunity to provide public comment on the Class Two Permit Modification for the 242-A Evaporator. I am writing because I care about efforts to protect human and environmental health and I believe in transparency and accountability.

Thank you for considering my comments:

- **Prioritize Safety:** Make sure requirements are in place to protect workers and the environment from the radioactivity and chemical toxins and toxic chemical vapors present in the waste that will be moved back and forth through the new transfer lines and 242-A Evaporator.
- **Increase Transparency:** It was unclear in the fact-sheet and public meeting materials provided for this comment period that this action to drill three holes into the evaporator was being taken because the existing transfer lines for tank waste were not safe. It was also unclear how important the evaporator is to tank waste treatment and that it is not currently operating. Share the details of the action AND the problems underpinning that action – like failing tank waste transfer pipes, and the timeline for fixing problems.
- **Share the Big Picture:** When you are soliciting input on anything that deals with treating tank waste, share the big picture of where the facility or action fits with immobilizing Hanford's high-level tank waste in glass.
- **Make a Long-Term Plan:** Make and share the plan for how this aging 43-year-old facility will safely work for another 40 years.

Sincerely,

Chris Swenson

Response to I-6-1

Thank you for your comment. Ecology greatly appreciates your concern and ability to provide input.

1. *Safety: Ecology shares similar concerns about protecting workers and the environment. The 242-A Evaporator has extensive administrative and engineering controls in place to*

protect workers and the environment. The new wall penetrations and transfer lines will further increase safety during transfers by preventing further pipeline failures.

The Permittees have established procedures in place to address worker safety and chemical vapor protection that will be followed during construction. A comprehensive work planning process will be implemented and work packages will incorporate specific worker safety protocols for this project.

- 2. Transparency: The new transfer lines are being installed because the existing lines are no longer fit-for-use. Installation of these new lines will be conducted once the permit modification is effective. Campaigns will resume once these new lines are installed, currently planned for 2022.*

The Hanford permit has been administratively separated into unit groups. The boundary between the DSTs and the 242-A Evaporator has been designated at the outside of the 242-A building wall. Therefore, the permit modification information on the project to install new transfer lines was limited to those actions that will occur within the exterior building wall of the 242-A building.

However, Ecology understands the public concern about the limits these administrative separations present. Ecology is working to ensure the fact sheet and presentations during the public comment period display the complex interactions between unit groups and the reasons for modifying the permit.

- 3. High-Level Tank Waste: Ecology is working on including more comprehensive information provided in fact sheets and during public meetings. This will include discussions of the big picture how the facility supports immobilizing Hanford's high-level tank waste into glass.*
- 4. Make a Long-Term Plan: United States Department of Energy (USDOE) produced a life-extension report, HNF-3327 Engineering Study for the 242-A Life Extension Upgrades for Fiscal Years 2010 Through 2052, Revision 2, for the 242-A Evaporator as well as performs periodic assessment of the tank systems integrity. Ecology will continue to monitor the facility and ensure it will work safely through its lifespan. These pipelines were identified in the report as necessary upgrades, and other upgrades have happened since the report was issued.*

I-7: STEVEN GARY

Comment I-7-1

To Whom It May Concern,

Thank you for the opportunity to provide public comment on the Class Two Permit Modification for the 242-A Evaporator. I am writing because I care about efforts to protect human and environmental health and I believe in transparency and accountability.

Thank you for considering my comments:

- **Prioritize Safety:** Make sure requirements are in place to protect workers and the environment from the radioactivity and chemical toxins and toxic chemical vapors present in the waste that will be moved back and forth through the new transfer lines and 242-A Evaporator.
- **Increase Transparency:** It was unclear in the fact-sheet and public meeting materials provided for this comment period that this action to drill three holes into the evaporator was being taken because the existing transfer lines for tank waste were not safe. It was also unclear how important the evaporator is to tank waste treatment and that it is not currently operating. Share the details of the action AND the problems underpinning that action – like failing tank waste transfer pipes, and the timeline for fixing problems.
- **Share the Big Picture:** When you are soliciting input on anything that deals with treating tank waste, share the big picture of where the facility or action fits with immobilizing Hanford's high-level tank waste in glass.
- **Make a Long-Term Plan:** Make and share the plan for how this aging 43-year-old facility will safely work for another 40 years.

Sincerely, Steven Gary

Response to I-7-1

Thank you for your comment. Ecology greatly appreciates your concern and ability to provide input.

1. *Safety: Ecology shares similar concerns about protecting workers and the environment. The 242-A Evaporator has extensive administrative and engineering controls in place to protect workers and the environment. The new wall penetrations and transfer lines will further increase safety during transfers by preventing further pipeline failures.*

The Permittees have established procedures in place to address worker safety and chemical vapor protection that will be followed during construction. A comprehensive work planning process will be implemented and work packages will incorporate specific worker safety protocols for this project.

2. *Transparency: The new transfer lines are being installed because the existing lines are no longer fit-for-use. Installation of these new lines will be conducted once the permit modification is effective. Campaigns will resume once these new lines are installed, currently planned for 2022.*

The Hanford permit has been administratively separated into unit groups. The boundary between the DSTs and the 242-A Evaporator has been designated at the outside of the 242-A building wall. Therefore, the permit modification information on the project to install new transfer lines was limited to those actions that will occur within the exterior building wall of the 242-A building.

However, Ecology understands the public concern about the limits these administrative separations present. Ecology is working to ensure the fact sheet and presentations

during the public comment period display the complex interactions between unit groups and the reasons for modifying the permit.

- 3. High-Level Tank Waste: Ecology is working on including more comprehensive information provided in fact sheets and during public meetings. This will include discussions of the big picture how the facility supports immobilizing Hanford's high-level tank waste into glass.*
- 4. Make a Long-Term Plan: United States Department of Energy (USDOE) produced a life-extension report, HNF-3327 Engineering Study for the 242-A Life Extension Upgrades for Fiscal Years 2010 Through 2052, Revision 2, for the 242-A Evaporator as well as performs periodic assessment of the tank systems integrity. Ecology will continue to monitor the facility and ensure it will work safely through its lifespan. These pipelines were identified in the report as necessary upgrades, and other upgrades have happened since the report was issued.*

I-8: KAITLIN MCCARTHY

Comment I-8-1

Please prioritize safety by making sure requirements are in place to protect workers and the environment from the radioactive waste and toxic chemical vapors present in the waste that will be moved back and forth through the new transfer lines and evaporator.

It was unclear in the fact-sheet and public meeting materials provided for this comment period that this action was being taken because the existing transfer lines for tank waste were not safe. It was also unclear how important the evaporator is to tank waste treatment. Please increase transparency and share the details of the action AND the other problems underpinning that action - like failing tank waste transfer pipes - and the timeline for fixing problems.

Please share the big picture. How will this aging 43 year old facility safely work for another 40 years?

Response to I-8-1

Thank you for your comment. Ecology greatly appreciates your concern and ability to provide input.

- 1. Safety: Ecology shares similar concerns about protecting workers and the environment. The 242-A Evaporator has extensive administrative and engineering controls in place to protect workers and the environment. The new wall penetrations and transfer lines will further increase safety during transfers by preventing further pipeline failures.*

The Permittees have established procedures in place to address worker safety and chemical vapor protection that will be followed during construction. A comprehensive work planning process will be implemented and work packages will incorporate specific worker safety protocols for this project.

- 2. Transparency: The new transfer lines are being installed because the existing lines are no longer fit-for-use. Installation of these new lines will be conducted once the permit*

modification is effective. Campaigns will resume once these new lines are installed, currently planned for 2022.

The Hanford permit has been administratively separated into unit groups. The boundary between the DSTs and the 242-A Evaporator has been designated at the outside of the 242-A building wall. Therefore, the permit modification information on the project to install new transfer lines was limited to those actions that will occur within the exterior building wall of the 242-A building.

However, Ecology understands the public concern about the limits these administrative separations present. Ecology is working to ensure the fact sheet and presentations during the public comment period display the complex interactions between unit groups and the reasons for modifying the permit.

- 3. High-Level Tank Waste: Ecology is working on including more comprehensive information provided in fact sheets and during public meetings. This will include discussions of the big picture how the facility supports immobilizing Hanford's high-level tank waste into glass.*
- 4. Make a Long-Term Plan: United States Department of Energy (USDOE) produced a life-extension report, HNF-3327 Engineering Study for the 242-A Life Extension Upgrades for Fiscal Years 2010 Through 2052, Revision 2, for the 242-A Evaporator as well as performs periodic assessment of the tank systems integrity. Ecology will continue to monitor the facility and ensure it will work safely through its lifespan. These pipelines were identified in the report as necessary upgrades, and other upgrades have happened since the report was issued.*

I-9: HEATHER BERG

Comment I-9-1

Please explain the SPECIFICS of what is happening. Please share specifics of other probable and known health issues that are not being discussed openly. We want OUTSIDE testing from 3 agencies. DoE chooses one, a neutral agency and an anti-nuclear waste testing group that has a history of accurate testing. The DOE is responsible for earning our trust back regarding the Hanford site and others.

Response to I-9-1

Thank you for your comment.

New transfer lines from the AW Double-Shell Tank Farm to the 242-A Evaporator are being constructed, following failed encasement pressure tests in 2018. These tests indicated a potential for waste to enter the secondary containment. According to Washington Administrative Code WAC 173-303-640(7), unfit-for-use tank system components must be repaired and recertified or closed. Since the extent and location of the deterioration could not be determined, the United States Department of Energy chose to construct new transfer lines.

This project requires modifications to the 242-A Evaporator building to accept the new transfer lines. This permit modification is to document those changes in the permit.

Agency roles are not in the scope of this permit modification. Ecology's role as an oversight agency is to ensure the permit material satisfies all applicable WAC 173-303 regulations.

I-10: HARRY

Comment I-10-1

Thank you for the opportunity to comment.

Please do the work safely, protecting workers.

Next time, please include the reason why the action is being taken, e.g. the existing lines are not safe because...

Response to I-10-1

Thank you for your comment.

Ecology is determined to ensure the clean up of Hanford is done with human health and environmental safety in mind. The Permittees have established procedures in place to address worker safety and chemical vapor protection that will be followed during construction. A comprehensive work planning process will be implemented and work packages will incorporate specific worker safety protocols for this project.

New transfer lines from the AW Double-Shell Tank Farm to the 242-A Evaporator are being constructed, following failed encasement pressure tests in 2018. These tests indicated a potential for waste to enter the secondary containment. According to Washington Administrative Code WAC 173-303-640(7), unfit-for-use tank system components must be repaired and recertified or closed. Since the extent and location of the deterioration could not be determined, the United States Department of Energy chose to construct new transfer lines.

Ecology is also working with the Department of Energy to ensure fact sheets and public meetings contain more comprehensive information on the reason for modifying the permit.

I-11: BECCA HALL

Comment I-11-1

To Whom It May Concern, Thank you for the opportunity to provide public comment on the Class Two Permit Modification for the 242-A Evaporator. I am writing because I care about efforts to protect human and environmental health and I believe in transparency and accountability. Thank you for considering my comments:

- Prioritize Safety: Make sure requirements are in place to protect workers and the environment from the radioactivity and chemical toxins and toxic chemical vapors present in the waste that will be moved back and forth through the new transfer lines and 242-A Evaporator.
- Increase Transparency: It was unclear in the fact-sheet and public meeting materials provided for this comment period that this action to drill three holes into the evaporator was being taken because the existing transfer

lines for tank waste were not safe. It was also unclear how important the evaporator is to tank waste treatment and that it is not currently operating. Share the details of the action AND the problems underpinning that action – like failing tank waste transfer pipes, and the timeline for fixing problems. •Share the Big Picture: When you are soliciting input on anything that deals with treating tank waste, share the big picture of where the facility or action fits with immobilizing Hanford's high-level tank waste in glass. •Make a Long-Term Plan: Make and share the plan for how this aging 43-year-old facility will safely work for another 40 years. Sincerely, Becca Hall

Response to I-11-1

Thank you for your comment. Ecology greatly appreciates your concern and ability to provide input.

1. *Safety: Ecology shares similar concerns about protecting workers and the environment. The 242-A Evaporator has extensive administrative and engineering controls in place to protect workers and the environment. The new wall penetrations and transfer lines will further increase safety during transfers by preventing further pipeline failures.*

The Permittees have established procedures in place to address worker safety and chemical vapor protection that will be followed during construction. A comprehensive work planning process will be implemented and work packages will incorporate specific worker safety protocols for this project.

2. *Transparency: The new transfer lines are being installed because the existing lines are no longer fit-for-use. Installation of these new lines will be conducted once the permit modification is effective. Campaigns will resume once these new lines are installed, currently planned for 2022.*

The Hanford permit has been administratively separated into unit groups. The boundary between the DSTs and the 242-A Evaporator has been designated at the outside of the 242-A building wall. Therefore, the permit modification information on the project to install new transfer lines was limited to those actions that will occur within the exterior building wall of the 242-A building.

However, Ecology understands the public concern about the limits these administrative separations present. Ecology is working to ensure the fact sheet and presentations during the public comment period display the complex interactions between unit groups and the reasons for modifying the permit.

3. *High-Level Tank Waste: Ecology is working on including more comprehensive information provided in fact sheets and during public meetings. This will include discussions of the big picture how the facility supports immobilizing Hanford's high-level tank waste into glass.*
4. *Make a Long-Term Plan: United States Department of Energy (USDOE) produced a life-extension report, HNF-3327 Engineering Study for the 242-A Life Extension Upgrades for Fiscal Years 2010 Through 2052, Revision 2, for the 242-A Evaporator as well as performs periodic assessment of the tank systems integrity. Ecology will continue to monitor the*

facility and ensure it will work safely through its lifespan. These pipelines were identified in the report as necessary upgrades, and other upgrades have happened since the report was issued.

O-1: HANFORD CHALLENGE

Comment O-1-1

To Whom It May Concern,

Thank you for the opportunity to submit comments on the 242-A Evaporator Class 2 Permit Modification for Three New Wall Penetrations in the 242-A Evaporator Facility.

Hanford Challenge is a non-profit, public interest, environmental and worker advocacy organization located at 2719 East Madison Street, Suite 304, Seattle, WA 98112. Hanford Challenge is an independent 501(c)(3) membership organization incorporated in the State of Washington with a mission to create a future for the Hanford Nuclear Site that secures human health and safety, advances accountability, and promotes a sustainable environmental legacy. Hanford Challenge has members who work at the Hanford Site. Other members of Hanford Challenge work and/or recreate near Hanford, where they may also be affected by hazardous materials emitted into the environment by Hanford. All members have a strong interest in ensuring the safe and effective cleanup of the nation's most toxic nuclear site for themselves and for current and future generations, and who are therefore affected by conditions that endanger human health and the environment.

As the Hanford site ages, we can expect Hanford site facilities to fail and need upgrades and replacements. The 242-A Evaporator is one of the facilities that concerns Hanford Challenge. It will be needed for at least 40 more years to concentrate tank waste as part of the tank waste treatment mission and it is already 43 years old. The safe and effective storage of Hanford's high-level tank waste is essential to the protection of human health and the environment as we wait for safe immobilization of Hanford's high-level tank waste in glass.

-Increase Transparency and Clarity in Communications: We appreciate efforts to install new transfer lines to the 242-A Evaporator to increase safety following the failed pneumatic pressure test for SL-167 in 2018 and signs of corrosion in SL-168, however this work/rationale was not front and center in the materials provided for the 242-A Permit Modification for the three new wall penetrations for these new transfer lines. Permit Modifications are notoriously inaccessible to the public, but this does not need to be the case. In future permit modification public materials like fact sheets and presentations use plain language to clearly communicate why an action is being taken and how it fits into the bigger picture of ultimate Hanford cleanup goals.

-Make Relevant Documents Easier to Navigate: In the future, please provide a summary of which documents are included in a permit modification package for ease of navigation. The 2,046 page permit modification package for 242-A would have been easier to navigate had the page numbers been available, or a separate link for each document included in the package. The presentation provided at the public meeting was also not available on the Hanford.gov

website until it was requested. Please make sure these materials are available and accessible in an easy to navigate format online.

-Include Chemical Vapor Protections: Make sure to include requirements that protect workers from chemical vapor exposure at the 242-A evaporator. This is a legal requirement under existing environmental, health and safety laws, as well as a commitment made by the DOE and contractors in recent legal resolutions.

-Make a Long-Term Plan for the Work of Evaporating Tank Waste: Hanford Challenge would like to see the Department of Energy make plans or provide plans already in place to ensure the work of the 242-A Evaporator continues safely over the next 40+ years that it will be needed to make space in the tanks, during the tank waste treatment mission. Assess the cost of repairs and upgrades as well as the cost of building a new evaporator.

Thank you for considering our comments.

Response to O-1-1

Thank you for your comment. Ecology greatly appreciates your concern and ability to provide input.

1. *Safety: Ecology shares similar concerns about protecting workers and the environment. The 242-A Evaporator has extensive administrative and engineering controls in place to protect workers and the environment. The new wall penetrations and transfer lines will further increase safety during transfers by preventing further pipeline failures.*

The Permittees have established procedures in place to address worker safety and chemical vapor protection that will be followed during construction. A comprehensive work planning process will be implemented and work packages will incorporate specific worker safety protocols for this project.

2. *Transparency: The new transfer lines are being installed because the existing lines are no longer fit-for-use. Installation of these new lines will be conducted once the permit modification is effective. Campaigns will resume once these new lines are installed, currently planned for 2022.*

The Hanford permit has been administratively separated into unit groups. The boundary between the DSTs and the 242-A Evaporator has been designated at the outside of the 242-A building wall. Therefore, the permit modification information on the project to install new transfer lines was limited to those actions that will occur within the exterior building wall of the 242-A building.

However, Ecology understands the public concern about the limits these administrative separations present. Ecology is working to ensure the fact sheet and presentations during the public comment period display the complex interactions between unit groups and the reasons for modifying the permit.

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discussions of the big picture how the facility supports immobilizing Hanford's high-level tank waste into glass.

- 4. Make a Long-Term Plan: United States Department of Energy (USDOE) produced a life-extension report, HNF-3327 Engineering Study for the 242-A Life Extension Upgrades for Fiscal Years 2010 Through 2052, Revision 2, for the 242-A Evaporator as well as performs periodic assessment of the tank systems integrity. Ecology will continue to monitor the facility and ensure it will work safely through its lifespan. These pipelines were identified in the report as necessary upgrades, and other upgrades have happened since the report was issued.*

OTH-1

Comment OTH-1-1

The problem that contractors are faced with developing a path forward should have been stated as the "why" in the fact sheet and public meeting. The evaporator is key to safe reliable tank waste management and tank waste treatment. A weak link if not funded properly to allow a long term solution. A risk to the goals of safe uninterrupted tank waste treatment. DOE needs to be held to account to fund proper engineering design and operations with redundancy to insure success and worker protection. Look at the evaporator schedules for treatment and what is in the queue. Is it set up to be successful for all its missions? Short term actions to react to transfer line issues open the opportunity for DOE to openly and with transparency show the public how big this challenge is and how the evaporator without redundancy and a multi-decade plan can impact the big picture goal.

Fee for contractors, proper funding from DOE, and state and federal regulatory requirements drive the schedule together along with the public getting behind solutions.

Response to OTH-1-1

Thank you for your comment.

Ecology is working to ensure the fact sheet and presentations during the public comment period display the complex interactions between unit groups and the reasons for modifying the permit.

Ecology agrees that proper funding and planning is necessary to achieve the big picture cleanup activities. The 242-A Evaporator will continue to provide Double Shell Tank volume reduction to facilitate Single Shell Tank retrievals. Ecology and the permittees work collaboratively to ensure schedules and deadlines are met to ensure success of tank waste treatment and disposal. Every three years DOE collaborates with Ecology to prepare a detailed system plan for the full tank waste treatment mission. This plan includes Evaporator operations that ensure DOE has adequate information for future Evaporator campaigns.

Appendix A. Copies of All Public Notices

Public notices for this comment period:

- Fact sheet
- Classified advertisement in the Tri-City Herald
- Notices sent to the Hanford-Info email list



Comment Period

May 8 – July 7, 2020

Virtual Public Meeting

June 8, 5:30 p.m.
(see page 3 for details)

Send comments by July 7, 2020 to

[http://nw.ecology.commenting
ut.com/?id=HuitW](http://nw.ecology.commenting.ut.com/?id=HuitW)

Administrative Record:

<https://go.usa.gov/xdzgP>

Contact Information

Jennifer Colborn
(509) 376-5840
Jennifer_M_Colborn@rl.gov

Daina McFadden, Ecology
(509) 372-7950
Hanford@ecy.wa.gov



The U.S. Department of Energy (DOE) is holding a 60-day public comment period on a proposed Class 2 modification to the Hanford Dangerous Waste Permit. This proposed permit modification would allow the installation of three wall penetrations to connect three new double-shell tank transfer lines to the 242-A Evaporator facility.

Background

The Hanford Site is located in southeastern Washington state along the Columbia River. The 580-square-mile site was created in 1943 as part of the Manhattan Project to produce plutonium for the nation's defense program. Today, waste management and environmental cleanup are the main missions at Hanford.

The DOE and its contractor Washington River Protection Solutions are requesting a Class 2 permit modification to the 242-A Evaporator chapter of the Hanford Dangerous Waste Permit. The 242-A Evaporator facility is a mixed-waste treatment and storage unit that concentrates the liquid portion of double-shell tank waste. The facility is located in the 200 East Area of the Hanford Site (see map).



Public Comment Period for Class 2 Permit Modification for the Installation of New Wall penetrations in the 242-A Evaporator Facility

Overview

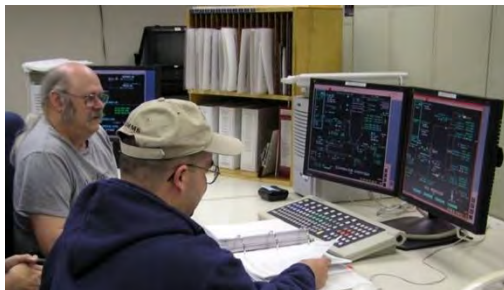
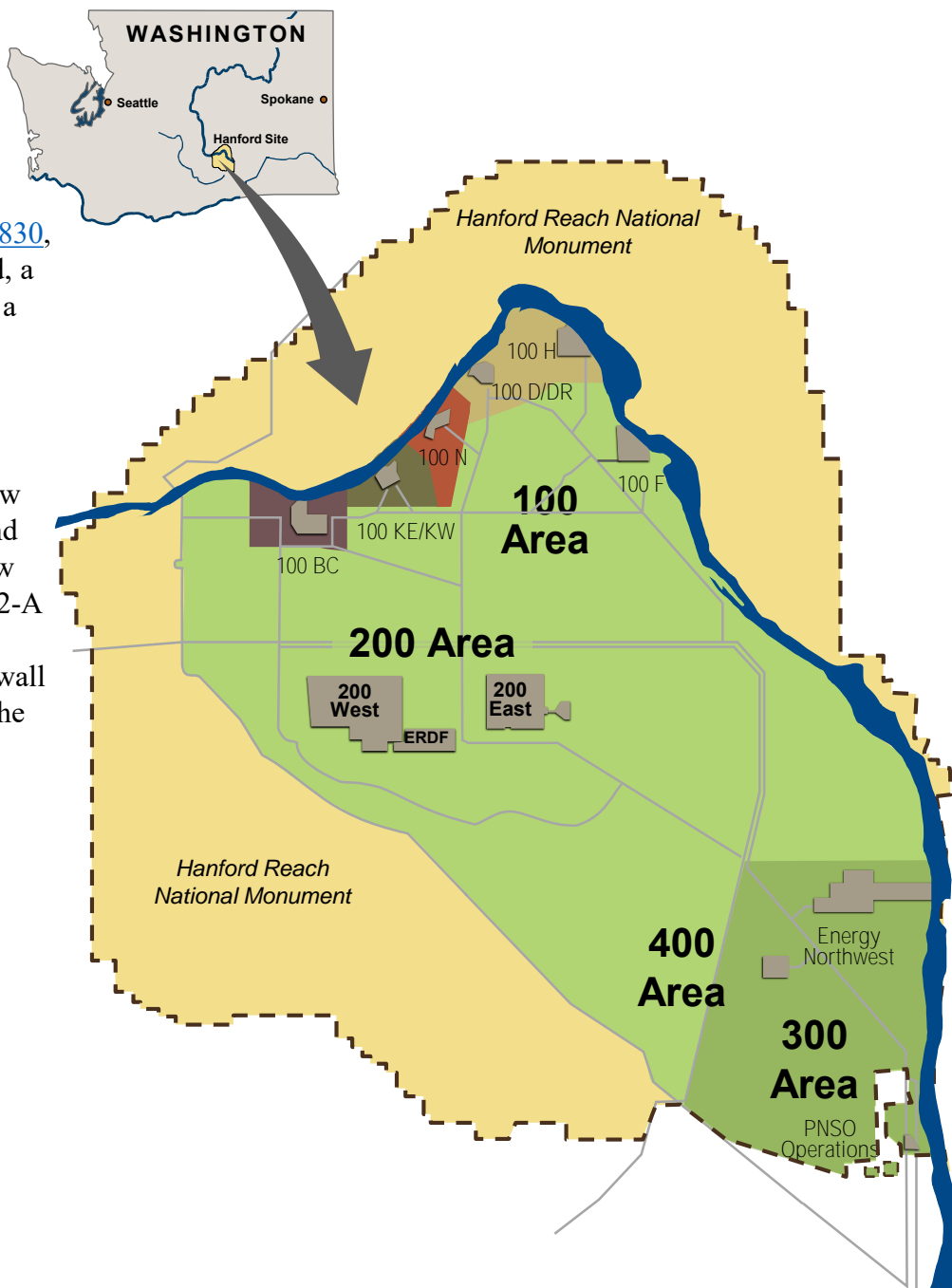
The Hanford Dangerous Waste Permit establishes requirements to ensure that waste management activities protect human health and the environment. DOE is proposing a Class 2 permit modification pursuant to [WAC 173-303-830](#), which requires a 60-day comment period, a public meeting, a newspaper notice, and a mailing list notice. This fact sheet is the mailing notice.

Summary of Changes

If approved, the modification would allow DOE to install three wall penetrations and nozzle encasements connecting three new double-shell tank transfer lines to the 242-A Evaporator facility. The permit language regarding variances for existing facility wall penetrations will be amended to reflect the new configurations.

Permit Chapters Affected by this Modification

- Permit Conditions
- Chapter 4, Process Information



The 242 A Evaporator facility is monitored closely by the operations staff in the Evaporator Control Room.



242 A Evaporator facility at night



Public Comment Period for Class 2 Permit Modification for the Installation of New Wall penetrations in the 242-A Evaporator Facility

Public Involvement

A **60-day public comment period will begin May 8, 2020**, and continue through July 7. A public meeting will be held June 8, at 5:30 p.m. To participate via GoToWebinar, please follow the instructions below:

Visual:

Click the GoToWebinar link: <https://attendee.gotowebinar.com/register/1205093736545583884>;
ID #: 850-426-035

Audio (please mute your phone):

1. Dial: +1 509-931-1284
2. Enter in the Conference ID: 179286641#

All comments must be submitted by July 7 in writing by mail or electronically (preferred) to:

Washington State Department of Ecology
3100 Port of Benton Boulevard
Richland, WA 99354

<http://nw.ecology.commentinput.com/?id=HuitW> (preferred)

At the conclusion of the public comment period, the Washington State Department of Ecology will address public comments and prepare a Response to Comment document.

Copies of the proposed plan and supporting documentation will be available online during the public comment period in the Administrative Record at <https://go.usa.gov/xdzgP>. Hanford Public Information Repository locations are listed at <https://go.usa.gov/xVDTS>.

The permittee's compliance history during the life of the permit being modified is available from the Washington Department of Ecology contact person.

Please contact Jennifer Colborn, Jennifer_M_Colborn@rl.gov, (509) 376-5840 at least 10 working days prior to the event to request disability accommodation. DOE makes every effort to honor disability accommodation requests.



Jennifer Colborn
P.O. Box 450, H6-60
Richland, WA 99352

Daina McFadden, Ecology
3100 Port of Benton Boulevard
Richland, WA 99354



**Public Comment Period for Class 2 Permit Modification for the Installation of
New Wall penetrations in the 242-A Evaporator Facility**

Public Involvement Opportunity

**We want to hear from you on the proposed changes in the
242-A Evaporator facility chapter of the Hanford Dangerous Waste Permit**



Comment Period:

May 8 – July 7, 2020

Public Meeting: June 8, 5:30 p.m. (see page 3 for details)

Inslee gives OK to drive-in religious services

BY JAMES DREW
jdrew@thenewtribune.com

OLYMPIA

Gov. Jay Inslee released rules Wednesday afternoon that will allow religious, spiritual and faith-based organizations to conduct drive-in services.

“Faith is so important at all times, but especially during times of crisis and difficulty. This unique drive-in service option will allow people to come together,” Inslee said in a written statement. “Our goal has always been to keep Washingtonians safe and healthy, and this option allows them to do that while participating in religious, spiritual and faith-based activities.”

The guidance is part of the governor’s first phase in loosening restrictions

that have been in place since late March to combat the spread of the new coronavirus. Inslee’s stay-at-home order runs through May 31.

Here are the rules for attendees of drive-in services:

- All persons attending the service must drive up in an enclosed vehicle and remain in that same vehicle during the entire service. Individuals should not get out of their vehicle during the service for any reason.

- Vehicle windows, sunroofs and convertible tops must remain closed during the entire service, unless the vehicle is parked more than 6 feet from any other vehicle.

- No more than 10 people may be in a single vehicle.

- Each vehicle may be

occupied only by members of the same household who have already been in close contact with each other and are not sick.

Here are the rules for employees of the faith-based organization:

- All employees and employers must follow current state Department of Health, Labor and Industries, and Centers for Disease Control and Prevention guidelines.

- If it is necessary to collect a physical offering, the organizer may use a drop-box, while vehicles are entering or leaving the service, provided that vehicles and individuals remain at all times at least 6 feet apart. Accepting online donations is the best practice.

- No food or beverages or other materials (whether for religious or secular



JOSHUA L. JONES AP

Pastor Lance Brooks leads the worship band during a drive-in outdoor church service at Cornerstone Church in Athens, Georgia, on April 26.

NO MORE THAN 10 PEOPLE MAY BE IN A SINGLE VEHICLE.

COVID. Again, there may be ways to mitigate potential spread, but it would require additional guidance and would probably be tricky to deny,” he said in an email.

The governor’s office also released a six-page guidance memo Wednesday for reopening auto and vessel sales.

Information on that can be found on the governor’s website.

purpose) may be distributed or collected before, after, or as part of the service. This includes communion wafers or bread and wine or juices, Inslee spokesman Mike Faulk confirmed.

“Food and beverage, especially if they are in containers that are passed around in the same containers, being touched and breathed on by numerous

individuals, or even handed to people at close proximity could help transmit the virus,” he said.

“For example, I’ve been to services where they make you stick your tongue out and put the bread/cracker directly on your tongue. Some I’ve been to have everyone drink out of the same big silver goblet. Probably not a good idea in the time of

DEATH NOTICES

BEATRIZ B. ROBLEDO

Beatriz Barrueta Robledo, 63, of Kennewick, died May 6, in Kennewick.

She was born in Mexico City, and lived in the Tri-Cities for 15 years.

She was the owner of Donitas Tacos in Pasco.

Mueller’s Tri-Cities Funeral Home, Kennewick, is in charge of arrangements.

ROBERT HACKWITH

Robert Hackwith, 86, of Kennewick, died May 5 in Sunnyside.

He was born in Fort Monroe, Va., and lived in the Tri-Cities for 75 years.

He was a retired land

surveyor for R.L. Hackwith Surveying PLS.

Mueller’s Tri-Cities Funeral Home, Kennewick, is in charge of arrangements.

RAUL E. JASSO

Raul E. Jasso, 79, of Grandview, died May 5 in Sunnyside.

He was born in Nueva Rosita, Coahuila, Mexico, and was a longtime Lower Yakima Valley resident.

He was a retired farmer. Smith Funeral Home, Grandview, is in charge of arrangements.

LOLA M. BERGLIN

Lola Marie Berglin, 87, of Burbank, died May 3 in Richland.

She was born in Walla Walla and lived in Burbank for 26 years.

She was a homemaker. Mueller’s Tri-Cities Funeral Home, Kennewick, is in charge of arrangements.

MARK R. SMITH

Mark R. Smith, 68, of Kennewick, died May 5 in Kennewick.

He was born in Richland and lived in Kennewick for 68 years.

He was a retired boiler technician at Hanford. Mueller’s Tri-Cities Funeral Home, Kennewick, is in charge of ar-

rangements.

JOE D. JACKSON SR.

Joe Donald Jackson Sr., 84, of Kennewick, died April 26 in Pasco.

He was born in Miami, Okla., and lived in Kennewick for 59 years.

He was the retired owner of a travel agency.

Mueller’s Tri-Cities Funeral Home, Kennewick, is in charge of arrangements.

MYRNA FORESTER

Myrna Forester, 66, of Richland, died May 3 at home in Richland.

She was born in Jamestown, N.D., and lived in Richland since 1978.

She was a retired clinical information manager

at Kadlec Regional Medical Center.

Einan’s at Sunset, Richland, is in charge of arrangements.

DEBORAH STRINE

Deborah Strine, 68, of Richland, died May 2 at Kadlec Regional Medical Center in Richland.

She was born in Rochester, N.Y., and lived in the Richland for 34 years.

She was a retired administrator for Con Agra. Einan’s at Sunset, Richland, is in charge of arrangements.

JEFFREY D. HANAN

Jeffrey Dean Hanan, 65, of Pasco, died May 5 at Harborview Medical Center in Seattle.

He was born in Wenatchee, and lived in the Tri-Cities since 1967.

He was a teacher in the Pasco School District.

Life Tributes Cremation Center, Kennewick, is in charge of arrangements.

PAT SANDERS

Pat Sanders, 90, of Kennewick, died May 6 in Kennewick.

He was born in Tulia, Texas, and lived in the Tri-Cities for 83 years.

He was a retired ironworker.

Mueller’s Tri-Cities Funeral Home, Kennewick, is in charge of arrangements.

LEGENDS CASINO HOTEL ENCOURAGES YOU TO

STAY HOME

STAY HEALTHY

PLEASE PRACTICE SOCIAL DISTANCING

6 FEET

LEGENDS WILL REMAIN CLOSED THROUGH MAY 18.

FOR UPDATES DURING OUR TEMPORARY CLOSURE YOU CAN VISIT LEGENDSCASINO.COM OR CALL 1.877.726.6311.

THE HANFORD SITE

Learn About a Permit Modification for New Wall Penetrations at the 242-A Evaporator Facility

PUBLIC COMMENT PERIOD: May 8 to July 7, 2020

The U.S. Department of Energy is holding a 60-day public comment period on a proposed Class 2 modification to the Hanford Dangerous Waste Permit. This proposed permit modification would allow for three new wall penetrations in the 242-A Evaporator facility to connect three new double-shell tank transfer lines.

A public meeting will be held June 8, at 5:30 p.m. To participate via GoToWebinar, please follow the instructions below:

Visual:
Click the GoToWebinar link:
<https://attendee.gotowebinar.com/register/1205093736545583884>
ID #: 850-426-035

Audio (please mute your phone):
1. Dial: +1 509-931-1284
2. Enter in the Conference ID: 179286641#

Visit <https://go.usa.gov/xdzgP> to review details on these proposed changes. All comments must be submitted by July 7, 2020, in writing by mail or electronically to:

Washington State Department of Ecology
3100 Port of Benton Boulevard
Richland, WA 99354
eComments (preferred): <http://nw.ecology.commentinput.com/?id=HuitW>

Questions? Please contact Jennifer Colborn at Jennifer_M_Colborn@ri.gov, or Daina McFadden, Washington State Department of Ecology, at Hanford@ecy.wa.gov.

The permittee’s compliance history during the life of the permit being modified is available from the Washington State Department of Ecology contact person. To request disability accommodation, please contact Jennifer Colborn, jennifer_m_colborn@ri.gov, 509-376-5840 at least 10 working days prior to the event.

Learn more about Hanford cleanup at www.hanford.gov

From: [^TPA](#)
To: HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV
Subject: Public Comment Period on Proposed Changes to the Hanford Dangerous Waste Permit
Date: Friday, May 8, 2020 9:41:02 AM
Attachments: [image003.png](#)
[242-A Evaporator Fact Sheet FINAL 5-6-2020.pdf](#)

THE HANFORD SITE

This is a message from the U.S. Department of Energy

Public Comment Period on Proposed Changes to the Hanford Dangerous Waste Permit

The U.S. Department of Energy is holding a 60-day public comment period on a proposed Class 2 modification to the Hanford Dangerous Waste Permit. This proposed permit modification would allow for three new wall penetrations in the 242-A Evaporator facility to connect three new double-shell tank transfer lines.

The comment period is from May 8 to July 7, 2020.

A public meeting will be held June 8, at 5:30 p.m. To participate via GoToWebinar, please follow the instructions below:

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Click the GoToWebinar link:

<https://attendee.gotowebinar.com/register/1205093736545583884>; -

ID #: 850-426-035

Audio (please mute your phone):

1. Dial: +1 509-931-1284
2. Enter in the Conference ID: 179286641#

Copies of the proposed modification and supporting documentation will be available online during the comment period in the [Hanford Administrative Record](#), on the Washington State Department of [Ecology's website](#), and at the [Hanford Public Information Repositories](#). A summary fact sheet is attached to this message and posted online.

Please submit any comments [electronically](#) (preferred) or by mail by **July 7** to:

-
Washington State Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

Questions? Please contact Jennifer Colborn at Jennifer_M_Colborn@rl.gov, or Daina McFadden, Washington State Department of Ecology, at Hanford@ecy.wa.gov.

The permittee's compliance history during the life of the permit being modified is available from the Washington State Department of Ecology contact person.

To request disability accommodation, please contact Jennifer Colborn, jennifer_m_colborn@rl.gov, 509-376-5840

at least 10 working days prior to the event. DOE makes every effort to honor disability accommodation requests.

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From: [^TPA](#)
To: HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV
Subject: Upcoming comment period on proposed changes to the Hanford Dangerous Waste Permit
Date: Monday, March 9, 2020 3:45:20 PM
Attachments: [image002.png](#)

THE HANFORD SITE

This is a message from the U.S. Department of Energy

Notice of Upcoming Public Comment Period on Proposed Changes to the Hanford Dangerous Waste Permit

The U.S. Department of Energy is planning a 60-day public comment period on a proposed modification to the Hanford Dangerous Waste Permit. This proposed Class 2 permit modification is required to install three new transfer lines to the 242-A Evaporator. Permit language regarding variances for existing 242-A components will be amended to reflect the new configurations.

The comment period is expected to begin in early April with a public meeting in May.

The proposed modification and supporting documentation will be available online during the public comment period at the Hanford [events calendar](#), the Hanford [Administrative Record](#), and at the Hanford [Public Information Repositories](#).

A summary fact sheet and details of the public meeting will be provided when the comment period begins.

Questions? Please contact Jennifer Colborn, Mission Support Alliance, at Jennifer_M_colborn@rl.gov, or Daina McFadden, Washington State Department of Ecology, at Hanford@ecy.wa.gov.

Ecology logo



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