



Response to Comments

242-A Evaporator Tie-in to Liquid Effluent Retention Facility Basin 41 Class 3 permit modification

Feb. 22 – April 8, 2021

For the **Nuclear Waste Program**

Washington State Department of Ecology

Richland, Washington

June 2021, Publication 21-05-017



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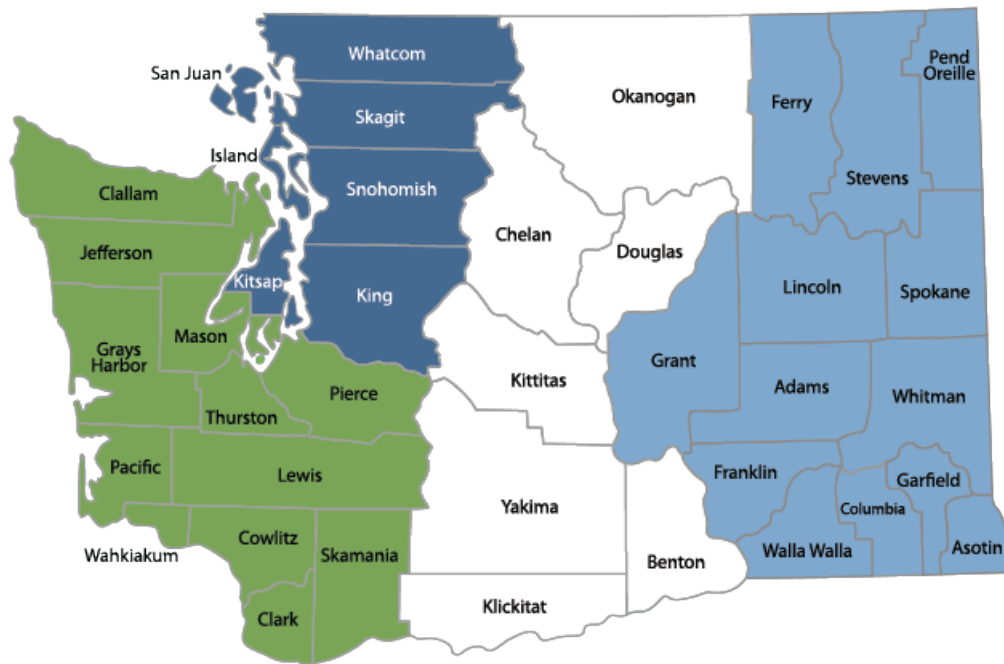
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Department of Ecology's Regional Offices

Map of Counties Served



Southwest Region
360-407-6300

Northwest Region
425-649-7000

Central Region
509-575-2490

Eastern Region
509-329-3400

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 Tie-in to Liquid Effluent Retention Facility Basin 41 permit modification, Feb. 22 – April 8, 2021
Permit	<i>Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit for the Treatment, Storage, and Disposal of Dangerous Waste, 242-A Evaporator</i>
Permittees	U.S. Department of Energy Washington River Protection Solutions
Original Issuance date	Nov. 11, 1980
Effective date	July 28, 2021

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.

Currently, the line PC-5000 exits the 242-A building and transfers waste to the Liquid Effluent Retention Facility (LERF) Basin 43. A second condensate line from the Effluent Management Facility (EMF) connects to the PC-5000 at a caisson about halfway to LERF Basin 43. Use of the PC-5000 is administratively controlled by the 242-A Evaporator.

The Waste Treatment and Immobilization Plant (WTP) EMF transfer line, 3"-WTP-002-M17, connects to the PC-5000 line at caisson MH-WTP-01. This proposed permit modification would allow connection of the PC-5000 line to the proposed LERF Basin 41, and require upgrades to the leak detection system for both the PC-5000 line and the EMF line.

Ecology has concerns on the adequacy of the leak detection system for the PC-5000 and 3"-WTP-002-M17 transfer lines. In order for the leak detection systems to meet regulatory requirements, this permit modification includes permit conditions requiring upgrades to these systems.

Since the leak detection systems do not meet the WAC 173-303-640(4)(c)(vi), Ecology is inserting permit condition III.4.C.1 and requiring upgrades to the leak detection systems prior to waste transfers.

Public Involvement Actions

Ecology encouraged public comment on the 242-A Evaporator Tie-in to LERF Basin 41 Class 3 permit modification during a 45-day public comment period held Feb. 22 through April 8, 2021.

The following actions were taken to notify the public:

- Mailed a public notice announcing the comment period to 1,122 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 notice in the Tri-City Herald on Feb. 21, 2021.
- Emailed a notice announcing the start of the comment period to the Hanford-Info email list, which has 1,306 recipients.
- Posted the comment period notice on the Washington Department of Ecology – Hanford’s Facebook and Twitter pages.

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:

- Focus Sheet
- Classified notice in the Tri-City Herald
- Notices sent to the Hanford-Info email list
- Notices posted on the Washington Department of Ecology – Hanford’s Facebook and Twitter pages

List of Commenters

The table below lists the names of organizations or individuals who submitted a comment on the 242-A Evaporator Permit modification. The comments and responses are in [Attachment 1](#).

Commenter	Organization
Mike Conlan	Citizen
Anonymous	Citizen
Energy	Agency

Attachment 1: Comments and Responses

Description of comments:

Ecology accepted comments from Feb. 22 through April 8, 2021. 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

Response to I-1-1

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

Comment I-1-2

2) Do not allow anymore nuclear waste into the facility

Response to I-1-2

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

Comment I-1-3

3) Replace all the single storage tanks

Response to I-1-3

Single-shell tanks are not in the scope of this comment period. 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 and Immobilization Plant now being built.

Comment I-1-4

4) Stop all the nuclear leakage entering the Columbia River

Response to I-1-4

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

Comment I-1-5

5) Glassification!

Response to I-1-5

Vitrification is out of scope of this permit modification, however continued operation of the 242-A Evaporator ensures waste is ready for treatment within the Waste Treatment and Immobilization Plant.

I-2: ANONYMOUS CITIZEN

Comment I-2-1

This Comment Period is from February 22, 2021 to April 8, 2021.

According to the fact sheet, the proposed modification will enable 242-A Evaporator Process Line PC-5000 to connect to a new LERF Basin 41. The LERF basin will feed the tank farms Effluent Treatment facility (ETF). Ecology's fact sheet also points out that pipeline PC-5000 is already interconnected with WTP's effluent exit piping from the Effluent Management Facility (EMF). As a result, this change will allow WTP effluent and 242-A Evaporator effluent to be treated at ETF, and received at Basin 41. These wastes are **secondary wastes**.

Of note is the July 25, 2019 Federal Facility Agreement and Consent Order Change Control Form for Change Number M-62-19-02, Direct Feed Low Activity Waste (DFLAW) Support Activities¹. This change was aimed directly at supporting actions for DFLAW, **including managing secondary waste**. Therefore the proposed modifications under current public review are clearly affected by the supporting information identified in Change Number M-62-19-02. The first change on this form was to "**Submit to Ecology, as a secondary document, a Mass Balance Flow from Tank Farms to Low Activity Waste Pretreatment Capability to Low Activity Waste to Effluent Management Facility to Recycle to Tank Farms and to LERF/ETF,**" due by January 30, 2021. The work product was identified as Milestone M-062- 50. The required document was not produced per the description in the change form, but Ecology accepted "completion" of the milestone anyway.

Response to I-2-1

The waste acceptance criteria for accepting waste streams into the Liquid Effluent Retention Facility (LERF) and subsequent treatment in the 200 Area Effluent Treatment Facility (ETF) is contained within the Addendum B, Waste Analysis Plan, for LERF/ETF, Operating Unit Group 3, chapter of the Hanford Facility Permit, WA7890008967.

Requirements under the Hanford Federal Facility Agreement and Consent Order, and any Tri-Party Agreement milestones, are out of scope for this permit modification.

Comment I-2-2

Recent public comments objected to Ecology's acceptance of DOE's piecemeal, out of date, informal, mass balance information² that was *referenced* by DOE (not even submitted in a package) in fulfillment of TPA Milestone M-052-50. Ecology in response to comments³ noted that "*while Ecology accepted the milestone as complete [even though it was not complete], it is important to acknowledge that DOE 's letter **committed to continued work** on the mass balance...*" This answer points out that Ecology was aware that the work was not really completed, and that the milestone submittal was accepted by Ecology based on "promises" of future work. This violates quality assurance requirements, for which a completed document is the only satisfactory work product.

Ecology's acceptance of DOE's deception [it was a "bait and switch" that was called out as on-schedule for many months until the very end] is disappointing. The decision to move on without demanding completed work will likely adversely affect safety and cost effectiveness. It's very

¹ Located at <https://pdw.hanford.gov/download/74b94bal-ffdl-47e8-belc-e2537d159826>.

² See 20-ECD-0057, COMPLETION OF TRI-PARTY AGREEMENT MILESTONE M-062-50, December 4, 2020

³ Response to Comments LERF/ETF Load-In Station Expansion/Backup Facility- Class 2 Permit Modification Dec. 15, 2020 to Feb. 13, 2021, Ecology Nuclear Waste Program Publication 21-05-009.

hard to know if the fluids planned to flow through the piping to Basin 41 will meet criteria, or will result in a new "crisis" orphan waste.

Response to I-2-2

Requirements under the Hanford Federal Facility Agreement and Consent Order, and any Tri-Party Agreement milestones, are out of scope for this permit modification. Please refer to the LERF and 200 Area ETF permit chapter for waste acceptance criteria at that facility.

Comment I-2-3

Ecology further noted that "Ecology's permitting decision is not dependent on acceptance of the milestone [M-062-50] as complete. Therefore, Ecology is not including the requested documents as part of this permit modification's administrative record." Ecology has declined to use what could have been relevant mass balance data, despite the clear indication in the Change Control Form that the purpose of the milestone was to describe supporting actions for managing secondary waste. This is directly applicable to the current proposed permit modifications. DOE's "bait and switch" approach indicates an intent to deceive, especially as the scope was changed at the last minute. Ecology's acceptance of unacceptable work indicates complicity. The loss is to workers, local residents, and taxpayers.

Response to I-2-3

Requirements under the Hanford Federal Facility Agreement and Consent Order, and any Tri-Party Agreement milestones, are out of scope for this permit modification.

Comment I-2-4

The missing mass balance data has value as a source of information that could be used to inform public comment, even if Ecology chooses to ignore it. The TPA administrative record is not restricted to items associated with specific permit modifications, but is intended to support permit review. I thought all TPA milestone work products were supposed to be provided in the TPA Administrative Record (AR). If this is not so, then why did Ecology establish a milestone with no relevance to permitting?

Response to I-2-4

Requirements under the Hanford Federal Facility Agreement and Consent Order, and any Tri-Party Agreement milestones, are out of scope for this permit modification.

Comment I-2-5

I would appreciate if you would add Milestone M-062-50 cited records (even the out of date ones and the informal presentations by ORP management) to the AR as one file so that the public can see them. In particular, the M-062-50 record document should contain or provide links in the Administrative Record for the following:

- Waste Treatment and Immobilization Plant (WTP) Direct Feed Low-Activity Waste and Effluent Management Facility (EMF) mass balance information submitted by ORP in April 2017.
- Tank Side Cesium Removal mass balance information submitted by ORP in May 2019.

- Information provided by ORP employee Erik Olds, including revised information for EMF mass balance to the Liquid Effluent Retention Facility/Effluent Treatment Facility to Washington State Department of Ecology (Ecology) on March 25, 2020.

Also the briefing that was provided on April 13, 2020, and the subsequent briefing that was provided on October 27, 2020.

These are not in the administrative record as far as I can tell.

Response to I-2-5

Requirements under the Hanford Federal Facility Agreement and Consent Order, and any Tri-Party Agreement milestones, are out of scope for this permit modification.

Comment I-2-6

I looked at the items in the proposed permit change package and was unable to find specific process flow diagrams with chemical concentrations and mass flow rates. It is hard to find a complete basis to underpin decisions. For example, RPP-IQRPE-50063, *IQRPE Design Assessment Report for LERF Basin 41*, has a corrosion assessment that relies on the "waste compatibility" section. The waste compatibility section refers to RPP-RPT-62215, *2020, LERF Basin 41 Material Compatibility with Wastewater*. But RPP-RPT-62215 says the criterion is that the wastewater will meet acceptance criteria in HNF-3172. Nowhere does the documentation show the expected composition of effluent versus the HNF-3172 criteria. In addition, HNF-3172 only addresses two materials in the basin 41 system. Further, the recipe used in laboratory testing was based on out-of-date data. If Ecology had insisted that DOE correctly complete milestone M-062-50, we might have a better idea if the new wastewater recipes (including from the EMF) actually meet the corrosion criteria - or if the constituents were ever even addressed by those criteria. This is just one example. It appears the IQRPE omits EMF/SBS condensate information on corrosion. RPP-IQRPE-50063 also makes assumptions based on "anticipated" chemistry that includes past processing experience - but the effluents from WTP and the EMF and WTP scrubbers will be new, with some novel components.

Response to I-2-6

The waste acceptance criteria for accepting waste streams into the Liquid Effluent Retention Facility (LERF) and subsequent treatment in the 200 Area Effluent Treatment Facility (ETF) is contained within the Addendum B, Waste Analysis Plan for LERF/ETF, Operating Unit Group 3, chapter of the Hanford Facility Permit, WA7890008967.

Requirements under the Hanford Federal Facility Agreement and Consent Order, and any Tri-Party Agreement milestones, are out of scope for this permit modification.

Comment I-2-7

The omission of a genuine, updated, integrated, process mass balance contributes to project risk and creates a risk to the future safety of Richland residents. "Breaking the WTP recycle loop" or disposing of difficult effluents off-site at Perma-Fix Northwest, in order to maintain WTP operations, is a likely scenario, given the lack of good planning information afforded by a genuine mass balance. When effluent can't be sent to LERF/ETF, the result will be an attempt to

push risks and wastes into the Richland Perma-Fix Northwest (PFNW) facility, which is hundreds of feet closer to the water table than the Hanford 200 Areas. See the link below for recently documented safety and regulatory problems at PFNW⁴. DOE should be required to treat all tank related waste on-site at Hanford, far from the public, where it belongs.

Response to I-2-7

The waste acceptance criteria for accepting waste streams into the Liquid Effluent Retention Facility (LERF) and subsequent treatment in the 200 Area Effluent Treatment Facility (ETF) is contained within the Addendum B, Waste Analysis Plan for LERF/ETF, Operating Unit Group 3, chapter of the Hanford Facility Permit, WA7890008967.

Requirements under the Hanford Federal Facility Agreement and Consent Order, and any Tri-Party Agreement milestones, are out of scope for this permit modification.

Comment I-2-8

I wanted to research prior Ecology responses to comments in support of this comment period, but found that the Nuclear Waste Program Publications Web Page⁵ no longer includes links to documents dated 2018 or earlier. These documents, while not that old, are marked as **"This publication is historical. It is unavailable on our website."** I would appreciate if you would please put all of the publications back on this web page - there are only 217 of them, so it is not difficult to keep them there.

Response to I-2-8

Ecology originally had them posted to the agency Publications Web Page, but removed the historical response to comment documents and focus sheets. If you would like copies of any historical publications developed by the Nuclear Waste Program, please contact Hanford@ecy.wa.gov. We are more than happy to provide these upon request.

A-1: USDOE

Comment A-1-1

Comment 1, Response to Comments. According to the response to comments O-2-8, the supporting documents contains a "Report on leak detection capability"; however, the report was not provided with the supporting documents. Did Ecology intend to provide WTP/Evaporator Transfer System Hydraulic Analysis (RPP-CALC-62638) with the supporting documents?

Response to A-1-1

Ecology provided both RPP-CALC-62638, Revision 0, "WTP/Evaporator Transfer System hydraulic Analysis" and RPP-RPT-61976, Revision 1, "Effluent Management Facility (EMF) to Liquid

⁴ https://static1.squarespace.com/static/568adf4125981deb769d96b2/t/Sfbde47518e72e5fdb9a8298/160628031_9740/FINAL+PermaFix+Report.pdf

⁵ <https://apps.ecology.wa.gov/publications/UIPages/Publicationlist.aspx?IndexTypeName=Program&NameValue=Nuclear+Waste&DocumentTypeName=Publication&yearDate=2018>

Effluent Retention Facility (LERF) Process Condensate Transfer Pipeline Leak Detection" as supplemental information to the draft permit modification during the public comment period from February 22, 2021 through April 8, 2021.

Comment A-1-2

Comment 2, Response to Comments. Public Comments (1-4-1, I-4-2, I-5-1, I-7-1, I-8-1, O-1-4) commented to "Require Protective Leak Inspections: Ensure that the timing and rigor of leak detection inspections are not decreased by the permit modification."

The public commented on the frequency of inspections, and did not comment that additional leak detection equipment should be installed on the existing transfer line as suggested in Ecology's Response to these comments, which states: *"Ecology shares similar concerns with the public as to the adequacy of leak detection systems for the PC-5000/3"-WTP-002-M17 transfer lines The draft permit conditions were drafted in response to public comments and require USDOE to upgrade the leak detection systems for this line prior to use"*

The assertion that additional leak detection equipment should be installed on these lines as a means to address public comments is a remedy that goes far beyond addressing the concerns expressed by the public.

Response to A-1-2

The formal submittal of the permit modification request, 20-ECD-0032, included changes to the inspection schedule in Chapter 6.0, Procedures to Prevent Hazards. The request included changing the frequency of visual sight glass inspections from once-per-shift to daily, thereby reducing the frequency of leak detection inspections. Ecology is not accepting that request in the final permit issuance. Though Ecology did not specifically respond to the comments with a description of the sight glass inspection frequency, Ecology did consider the comments and responded appropriately.

The public had several concerns in addition to frequency of inspections. For example, see the comment O-2-10 which begins "Leak Detection Requirements Are Inadequate and Do Not Meet Legal Requirements...". Additionally, this comment states, "The capability of the single endpoint electronic leak detection (and visual sight glass backup) is woefully inadequate."

Ecology performed a review of the system design and determined it does not meet the regulatory requirements of WAC 173-303-640(4)(c)(iii), as documented in letter 19-NWP-072-Reissue, dated April 19, 2019, from Alexandra K. Smith to Glyn D. Trenchard. Therefore Ecology is requiring upgrades to the leak detection system in the permit conditions associated with this permit modification.

Comment A-1-3

Comment 3, Delete Proposed Permit Condition III.4.C.1: "The Permittees must upgrade the existing leak detection system for the PC-5000 and 3"-WTP-002-M17 lines to meet the requirements of Washington Administrative Code (WAC) 173-303-640(4)(c)(iii)."

This permit condition exceeds the scope of this permit modification (20-ECD-0032, July 8, 2020). The PC-5000 and 3"-WTP-002-M17 transfer line and associated leak detection system was determined to meet the requirements of WAC 173-303-640(4)(c)(iii), with Ecology issuance of the *Approval of the Proposed Class 2 Permit Modification 8C.2019.4F to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste (Site-wide Permit), Part III, Operating Unit Group 4, 242-A Evaporator, WA 7890008967, (19-NWP-182*, November 12, 2019).

As stated in the Permit the 242-A Evaporator has used the PC-5000 transfer line to transfer process condensate to Liquid Effluent Retention Facility (LERF) Basin 43 since January 1998, during this time there have been no leaks to secondary containment or the environment to warrant installation of additional leak detection as proposed by this permit condition. Since 2007, the 242-A Evaporator Permit Chapter 4, Process Information contains a provision that allows use of an 'alternate' leak detection system consisting of visual observation of a sight glass at the end of the PC-5000 transfer line at LERF Catch Basin 242Al-43. The sight glass essentially provided for the same number of leak detectors as the single low-endpoint electronic detector; but with arguably less capability to detect a leak (the sight glass is only observed twice a day vs. the electronic detector that is monitored continuously). While this for the 242-A Evaporator may not be a preferable method, the sight glass method is written into the Permit, and was deemed a compliant way of monitoring for leaks year after year by the compliance inspectors. The Permittees did not propose changes to this portion of the Permit for the PC-5000 transfer system, nor have the Permittees received a satisfactory explanation of Ecology's regulatory basis for why additional leak detection is needed for an established waste transfer system.

Restricting 242-A Evaporator process condensate transfers until upgrades to the PC-5000 leak detection is completed exceeds the scope of this modification (20-ECD-0032, July 8, 2020). The permit conditions should not go beyond what is considered to be an appropriate level of regulatory control. This level of control generally has been defined as that necessary to ensure compliance with applicable regulations and requirements. The PC-5000 transfer line between the 242-A Evaporator and LERF Catch Basin 242AL-43 has operated under the provisions Hanford Site-Wide Permit since January 1998, without incident. During this time there have been no leaks to secondary containment or a release to the environment from the PC-5000 transfer line. As such, the current 242-A Evaporator Permit is sufficient to protect human health and the environment.

The Permit and regulations include controls to insure the integrity of the combined PC-5000 and 3"-WTP-002-M17 waste transfer system and that it does not leak to be protective of human health and the environment. For example, WAC 173-303-640(3)(e) requires tightness testing prior to placing the combined PC-5000 and 3"-WTP-002-M17 waste transfer system in use. Permit Condition III.4.C.2, requires the test results to be submitted to the department as proof that the waste transfer system does not leak; and Permit Condition III.4.C.2.a, requires this tightness testing be performed every 10 years.

Nor does this proposed Permit condition give sufficient recognition for requirements in WAC 173-303-640(3) for written integrity assessments and Chapter 4, Section 4.1.5, which requires

periodic tank system integrity assessments every 10 years. WAC 173-303-640(3) requires the written assessment, be reviewed and certified by an independent, qualified registered professional engineer, attesting that the tank system has sufficient structural integrity and is acceptable for the storing and treating of dangerous waste. The assessment must show that the foundation, structural support, seams, connections, and pressure controls (if applicable) are adequately designed and that the tank system has sufficient structural strength, compatibility with the waste(s) to be stored or treated, and corrosion protection to ensure that it will not collapse, rupture, or fail. Both the tightness testing of the primary and encasement lines, and integrity assessments provide assurance that PC-5000, 3"-WTP-002-M17 waste transfer system, and caisson MH-WTP-01 waste transfer system is structurally sound and does not leak.

While extensive communication has occurred between the Permittees and Ecology, the Permittees have not received a satisfactory explanation of Ecology's regulatory basis for stating the existing leak detection on this transfer line is not compliant with WAC 173-303-640. The Permittees understand WAC 173-303-640(4)(c)(iii) provides two alternative means to provide adequate leak detection. One is to show that a leak, of an unspecified de minimis leak rate, can be detected within 24 hours. The other option allows for a demonstration that site conditions or existing technologies allow for detection as soon as practicable if not detected within 24 hours. The Permittees have provided information showing a leak of approximately 1.6 gallons per hour can be detected within 24 hours. Additionally, the Permittees generated report RPP-RPT-61976, *Effluent Management Facility (EMF) to Liquid Effluent Retention Facility (LERF) Process Condensate Transfer Pipeline Leak Detection*, concluding the site conditions and nature of the already installed pipeline and available technologies could not be well adapted to install additional equipment that are also effective for leak detection and reliable for operation. The Permittees do not interpret WAC 173-303-640(4)(c)(iii) to be a mandate that drives development of new technology or adaptation of technologies for retrofit on a system for which they are not well adapted.

Furthermore, the Permit conditions must be consistent with the provisions of the Hanford Federal Facility Agreement and Consent Order (HFFACO). All schedules of compliance must be maintained and controlled in the HFFACO to ensure proper consistency and prioritization of work. The Permit conditions must not place the DOE, through its own actions, or those of its contractors, in a position where the conditions of the Permit only can be met by a violation of the HFFACO. This condition risks impact to the Consent Decree for Start LAW Cold Commissioning by 12/31/2022, and Complete LAW Hot Commissioning by 12/31/2023.

Upgrading the Permitted leak detection system could require significant modifications to the piping; thereby risking delays to the overall mission at Hanford and Direct Feed Low-Activity Waste (DFLAW). Delay of DFLAW would result in a violation of the HFFACO; and would be more harmful to human health and the environment than utilizing the existing Permitted leak detection system for the PC-5000 and 3"-WTP-002-M17 waste transfer systems, which is arguably in compliance with the regulatory requirements, since WAC 173-303-640(4)(c)(iii) does not specify an assumed leak rate, only that leaks must be detectable within 24 hours unless other criteria is met.

Key DFLAW HFFACO Milestones that could be impacted.

- Milestone M-062-54B, 12/31/2022, *Achieve Substantial Completion of LAW Pretreatment Capability Construction for DFLAW Initial Ops.*
- Milestone M-062-54, 4/30/2023, *Low Activity Waste Pretreatment Capability; Cold Commissioning Complete.*
- Milestone M-062-53, 8/15/2023, *Effluent Management Facility (EMF) Cold Commissioning Start.*
- Milestone M-062-52, 6/30/2023, *Achieve Substantial Completion of Secondary Waste Construction Necessary for LAW Hot Commissioning.*

Response to A-1-3

As previously stated in the Ecology letter 19-NWP-072, dated April 19, 2019, the leak detection system does not meet the requirements of WAC 173-303-640(4)(c)(iii). WAC 173-303-815(2)(b)(i) requires Ecology to include permit conditions as necessary to achieve compliance with the Hazardous Waste Management Act and the Dangerous Waste regulations. Further, WAC 173-303-815(2)(b)(ii) requires that each permit contain terms and conditions as determined necessary to protect human health and the environment.

For the benefit of the Permittees and the public, Ecology provides the following summary of the history of how the leak detection system for the PC-5000 was initially permitted, how it was altered without Ecology's knowledge or approval, and why the current system does not meet applicable leak detection requirements.

Previously the PC-5000 pipeline had a robust leak detection system comprising of six discrete conductivity probe-type leak detectors spaced approximately 1,000 ft apart. This leak detection system was determined to be in compliance with WAC 173-303-640(4)(c)(iii). Several years ago, DOE replaced the permitted leak detection system without notifying Ecology, submitting a permit modification request, or otherwise obtaining Ecology's approval. The replacement system is comprised of a single leak detector of a different style, located at a low point at the end of the mile-long pipeline. Moreover, this replacement system was not installed correctly and has never operated; see the problem evaluation report WRPS-PER-2019-1430, dated July 11, 2019. As a result, the sight glass that Ecology initially permitted as a backup to the primary leak detection system for the PC-5000 line is currently the only functioning leak detection system for the pipeline.

Ecology first learned of the replaced leak detection system in 2018, when DOE initiated preliminary discussions about an upcoming permit modification to connect the WTP backup effluent line to the PC-5000 line. DOE said that the multi-point leak detection system had been turned off several years earlier because of issues with false alarms. Because this permit modification was needed to support the DFLAW schedule, Ecology elected to exercise enforcement discretion with respect to DOE's failure to obtain Ecology's approval before disabling the six-point leak detection system that had been permitted. However, Ecology expressed its concerns to DOE about its failure to submit a permit modification for the replacement and about the adequacy of the new single-point detection system under WAC 173-303-640(4)(c)(iii).

In response to Ecology's concerns about the adequacy of the replaced system, DOE submitted a report that estimated the size of a leak that could be detected by this system within 24 hours. The report showed that DOE's contractor had expressed concerns about the considerable uncertainty in the calculation and had recommended that DOE conduct a field test to better ascertain the minimum detectable leak rate. However, DOE rejected that recommendation.

In Ecology's December 2018 comments on the leak rate calculation report, Ecology reiterated its concerns about the adequacy of the replaced system and questioned the reliability of the leak rate calculation in light of the contractor's recommendation. DOE responded in March 2019, largely rejecting Ecology's comments and refusing to perform a field test as recommended. In response, Ecology sent letter 19-NWP-072 to formally notify DOE that the replaced leak detection system does not meet the regulatory requirement under WAC 173-303-640(4)(c)(iii) to be able to detect "any release" within 24 hours or as soon as practicable.

Because the connection of the WTP backup effluent line to the PC-5000 line was needed to support the DFLAW schedule, Ecology proceeded to approve the permit modification in November 2019. In order to satisfy regulatory requirements, Ecology added Permit Condition III.4.C.1, requiring the Permittees to submit a report with 90 days to demonstrate that the leak detection system was designed and operated in compliance with WAC 173-303-640(4)(c)(iii) and to evaluate the feasibility of additional upgrades to the leak detection system. DOE did not appeal this permit condition.

In accordance with Permit Condition III.4.C.1, DOE submitted a demonstration report to Ecology on March 10, 2020. Two days later, DOE submitted a Class 2 permit modification request to connect the PC-5000 line to the new LERF Basin 41. This permit modification included a new single-point leak detector at the end of the line to Basin 41. However, this modification to the pipeline's leak detection system was not included in the demonstration report submitted to Ecology two days beforehand.

In its June 2020 comments on the demonstration report, Ecology concluded that the report failed to address existing leak detection technologies and site conditions as required by WAC 173-303-640(4)(c)(iii). In particular, Ecology noted that certain leak detection technologies that are currently in use on the Hanford Site could readily be implemented on the PC-5000, but DOE failed to consider or rejected without adequate justification these existing technologies. In its August 2020 response, DOE largely rejected Ecology's comments and claimed that further changes to the leak detection system were not feasible. Ecology replied on October 12, 2020, that DOE's comment dispositions were non-responsive and contained numerous conflicting and unsupported claims.

In the meantime, a number of Hanford stakeholders expressed concern about the adequacy of the replaced leak detection system via written comments and at a public meeting on August 18, 2020. This public concern, combined with Ecology's outstanding concerns and DOE's inadequate responses, led Ecology to reclassify the permit modification to a Class 3 in November 2020.

Pursuant to WAC 173-303-830(3)(a)(ii), Ecology determined that new permit conditions were needed to address the newly available information from the demonstration report, which failed to properly address existing leak detection technologies and site conditions. Had this

information been available at the time Ecology approved the prior permit modification to connect the WTP backup effluent line to the PC-5000 line, it would have justified the application of different permit conditions at the time of issuance.

With that historical context, Ecology will now address the specific issues raised in this comment.

The existing one-point leak detection system does not meet regulatory requirements and requires upgrades. Ecology is responsible for inserting permit conditions that achieve compliance with the Dangerous Waste regulations and conditions that are necessary for the protection of human health and the environment. [-815(2)(b)(i) - (ii)].

The use of the sight glass is only authorized as a backup to the electronic leak detection system. The permit clearly states that "If the electronic leak detection system is not available, visual inspection can be employed at the PC-5000 encasement catch tank 60M-TK-1 (sight glass FG-60M-001)."

Successful past operation of a pipeline is no guarantee that a leak will not occur the next time the line is used. The PC-5000 line was installed in 1994 and is almost 30 years old. Fiberglass lines like these have a life expectancy of 50 years. DOE should be planning to replace the line in the near future so as to not impact WTP operations. In addition, the absence of past leaks from this system does not justify noncompliance with applicable leak detection requirements.

Likewise, having performed a tightness test and an integrity assessment in the past is no guarantee that a leak will not occur the next time the line is used. The demonstration report claimed that fiberglass lines such as the PC-5000 line are subject to large sudden failures rather than small leaks. Further, the tightness test has no relation to the ability to detect leaks in accordance with -640(4)(c)(iii). And past compliance with requirements related to tightness testing and integrity assessments does not justify noncompliance with applicable leak detection requirements.

As Ecology stated in the letter 19-NWP-072, the existing system is not capable of detecting "any release" as required by -640(4)(c)(iii). DOE's previous estimate of being able to detect a leak greater than 1.67 gph or 40 gallons in 24 hours was calculated for the system before it was modified to connect to LERF Basin 41 by DOE's current permit modification request. A revised estimate was not provided for the proposed changes. DOE stated in the informal review that it was unknown how the changes would affect the minimum detectable leak rate. In particular, DOE could not answer Ecology's questions about which leak detector (Basin 41 or Basin 43) would detect a leak first and whether the flow would be split.

Ecology reviewed the demonstration report and was clear in the letter 20-NWP-110: "The report does not adequately address available leak detection technologies and site conditions" as required by -640(4)(c)(iii). DOE's conclusory statement that available technologies could not be adapted to provide effective and reliable leak detection is false and unsupported. Technologies are currently in use elsewhere on the Hanford Site which could readily be implemented.

Ecology was also clear in the letter 19-NWP-072 that the leak detection system does not meet regulatory requirements. Despite Ecology's repeated and consistent expression of concern regarding the adequacy of the replaced leak detection system, DOE has delayed taking any

action for more than two years for unknown reasons. If DFLAW schedules are now at risk, it is not due to Ecology's lack of communication of the regulatory requirements. Further, the claim that upgrading the leak detection system would be more harmful to human health and the environment is simply without merit. The need to meet a milestone does not justify noncompliance with the Dangerous Waste regulations; both can and should be achieved simultaneously. DOE is responsible for coordinating and implementing work schedules for all of its projects in a manner that achieves compliance with applicable regulatory requirements.

Comment A-1-4

Comment 4, Delete Proposed Permit Condition III.4.C.1.a: "The upgrades must include the installation of additional leak detectors along the PC-5000 and 3"-WTP-002-M17 lines, and in the caisson MH-WTP-01."

This permit condition exceeds the scope of this permit modification (20-ECD-0032, July 8, 2020). The PC-5000 and 3"-WTP-002-M17 lines, caisson MH-WTP-01, and associated leak detection system was determined to meet the requirements of WAC 173-303-640(4)(c)(iii), with issuance of the *Approval of the Proposed Class 2 Permit Modification 8C.2019.4F to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste {Site-wide Permit}, Part III, Operating Unit Group 4, 242-A Evaporator, WA 7890008967, (19-NWP-182, November 12, 2019).*

Permit conditions to provide a leak detection report considering alternate technologies and site conditions was added by Ecology in two separate permit modifications (20-NWP-079, *Final Class 3 Permit Modification 8C.2020.6F to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Operating Unit Group 3, Liquid Effluent Retention Facility (LERF) and 200 Area Effluent Treatment Facility (ETF), WA7890008967*; and 19-NWP-182). The Permittees did not propose changes to PC-5000 and 3"-WTP-002-M17 waste transfer system. The proposed change was to connect a transfer line from Basin 41 to the existing PC-5000 and 3"-WTP-002-M17 transfer line and add additional leak detection for the new transfer line from LERF Basin 41.

While extensive communication has occurred between the Permittees and Ecology, the Permittees have not received a satisfactory explanation of Ecology's regulatory basis for stating the existing leak detection on this transfer line is not compliant with WAC 173-303-640. The Permittees understand WAC 173-303-640(4)(c)(iii) provides two alternative means to provide adequate leak detection. One is to show that a leak, of an unspecified de minimis leak rate, can be detected within 24 hours. The other option allows for a demonstration that site conditions or existing technologies allow for detection as soon as practicable if not detected within 24 hours. The Permittees have provided information showing a leak of approximately 1.6 gallons per hour can be detected within 24 hours. Additionally, the Permittees generated report RPP-RPT-61976, *Effluent Management Facility (EMF) to Liquid Effluent Retention Facility (LERF) Process Condensate Transfer Pipeline Leak Detection*, concluding the site conditions and nature of the already installed pipeline and available technologies could not be well adapted to install additional equipment that are also effective for leak detection and reliable for operation. The

Permittees do not interpret WAC 173-303-640(4)(c)(iii) to be a mandate that drives development of new technology or adaptation of technologies for retrofit on a system for which they are not well adapted.

The Permit conditions must be consistent with the provisions of the HFFACO. All schedules of compliance must be maintained and controlled in the HFFACO to ensure proper consistency and prioritization of work. The Permit conditions must not place the DOE, through its own actions, or those of its contractors, in a position where the conditions of the Permit only can be met by a violation of the HFFACO. This condition risks impact to the Consent Decree for Start LAW Cold Commissioning by 12/31/2022, and Complete LAW Hot Commissioning by 12/31/2023.

See Comment 3 for Key DFLAW HFFACO Milestones that could be impacted.

Response to A-1-4

Please see the Ecology response to Comment A-1-3. The existing leak detection system does not meet regulatory requirements and requires upgrades. Ecology is responsible for inserting permit conditions that are necessary for the protection of human health and the environment. [WAC 173-303-815(2)(b)(iii)]

Comment A-1-5

Comment 4, Delete Proposed Permit Condition III.4.C.1.b. "The Permittees must submit a permit modification for upgrades to the leak detection system for the PC-5000 and 3" - WTP-002-M 17 lines. The permit modification must include the final design of the upgrades."

This permit condition exceeds the scope of this permit modification (20-ECD-0032, July 8, 2020). The leak detection system for the PC-5000 and 3"-WTP-002-M17 lines were determined to meet the requirements of WAC 173-303-640(4)(c)(iii), with issuance of the *Approval of the Proposed Class 2 Permit Modification 8C.2019.4F to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste (Site-wide Permit), Part III, Operating Unit Group 4, 242-A Evaporator, WA 7890008967, (19-NWP-182*. November 12, 2019).

The Permit conditions must be consistent with the provisions of the HFFACO. All schedules of compliance must be maintained and controlled in the HFFACO to ensure proper consistency and prioritization of work. The Permit conditions must not place the DOE, through its own actions, or those of its contractors, in a position where the conditions of the Permit only can be met by a violation of the HFFACO. This condition risks impact to the Consent Decree for Start LAW Cold Commissioning by 12/31/2022, and Complete LAW Hot Commissioning by 12/31/2023.

See Comment 3 for Key DFLAW HFFACO Milestones that could be impacted.

Response to A-1-5

Please see the Ecology response to Comment A-1-3. The existing leak detection system does not meet regulatory requirements and requires upgrades. Ecology is responsible for inserting permit

conditions that are necessary for the protection of human health and the environment. [WAC 173-303-815(2)(b)(iii)]

Comment A-1-6

Comment 5, Delete Proposed Permit Condition III.4.C.1.c: "The Permittees must submit a schedule to the Department of Ecology (Ecology) for completing the permit modification and the upgrades within 30 days of the effective date of this permit condition."

Implementation of the required schedule relies on Ecology actions to assure completion; and therefore Permittee compliance, by the deadline provided in Permit Condition III.4.C.1.c. The permittees have no assurance of Ecology actions or the permit modification process will support the deadline imposed by Permit Condition III.4.C.1.d. Permittee reliance on Ecology to take actions on permit conditions that cannot be made enforceable for Ecology in order for the permittees to achieve permit compliance is not a reasonable proposition.

In order to undertake design, permitting, and installation of additional leak detection equipment, the permittees must have certainty that the new equipment will operate as designed, without false alarms or other issues that would be a detriment to 242-A Evaporator and DFLAW operations. Doing so requires development or adaptation of technologies to unique circumstances of current installed line; a significant challenge that will take a significant time commitment. Ecology has repeatedly stated they believe current technologies could be implemented on this line; however, as the design authority and operators of this line, the Permittees can assure Ecology that such design and installation is not as feasible as Ecology seems to expect.

The permittees request additional time to implement Permit Conditions III.4.C.1 through III.4.C.1.d, if the conditions must remain, and the 242-A Evaporator and WTP EMF transfers be allowed to proceed so as to not interfere with 242-A Evaporator and DFLAW operation. The relative low hazard of 242-A Evaporator and EMF liquids and reliable end point leak detection support this approach.

Response to A-1-6

Permit condition III.4.C.1.c does not rely on Ecology actions to assure completion. The condition only requires DOE submit a schedule to Ecology within 30 days of the effective date. The deadline (prior to waste transfers) imposed by III.4.C.1.d requires processing a permit modification by Ecology. Though historically permit modifications of this scope may take time to process, Ecology has expressed concerns over the single low-point leak detection measures currently installed for the combined PC-5000 and 3"-WTP-002-M17 since informal discussions began on permitting the 3"-WTP-002-M17 line in early 2019. Ecology formally expressed the position that the single low-point leak detection system does not meet regulatory requirements in letter 19-NWP-072, dated April 19, 2019. DOE is solely responsible for any impacts to Direct Feed Low Activity Waste treatment.

Ecology is not granting additional time for the permittees to submit a schedule according to permit condition III.4.C.1.c. Additionally, the permit condition does not have specific times required, other than the upgrades must be operational prior to waste transfers, and have not been extended.

Comment A-1-7

Comment 6, Delete Proposed Permit Condition III.4.C.1.d: "The upgraded leak detection system must be operational prior to waste transfers from 242-A Evaporator or the Waste Treatment and Immobilization Plant (WTP) to the Liquid Effluent Retention Facility (LERF)."

This permit condition exceeds the scope of this permit modification (20-ECD-0032, July 8, 2020). The leak detection system for PC-5000 and 3"-WTP-002-M17 lines, and caisson MH-WTP-01 waste transfer system was approved with issuance of the *Approval of the Proposed Class 2 Permit Modification 8C.2019.4F to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste (Site-wide Permit), Part III, Operating Unit Group 4, 242-A Evaporator, WA 7890008967, (19-NWP-182, November 12, 2019).*

In addition, requiring an upgraded leak detection system to be operational prior to waste transfers from 242-A Evaporator and WTP-EMF to the LERF would delay DFLAW and startup of WTP operations. This proposed permit condition does not take into consideration that Permit Condition III.4.C.2, requires the Permittees to submit the tightness test for the combined PC-5000/3"-WTP-002-M17 waste transfer system to the department prior to receipt of dangerous waste in accordance with WAC 173-303-640(3)(e); and Permit Condition II.4.C.2.a that requires this tightness test be performed for these transfer lines at a frequency of every 10 years. Furthermore, the 242-A Evaporator Permit requires the Permittees to conduct periodic integrity assessments every 10 years, the integrity assessments are certified by an Independent Qualified Registered Professional Engineer. The tightness testing of the combined PC-5000 and 3"-WTP-002-M17 primary and encasement lines is a control in place to ensure the pipelines do not leak, in addition to the integrity assessments performed by an IQRPE who certifies that this transfer line is structurally sound and does not leak.

The Permit conditions must be consistent with the provisions of the HFFACO. All schedules of compliance must be maintained and controlled in the HFFACO to ensure proper consistency and prioritization of work. The Permit conditions must not place the DOE, through its own actions, or those of its contractors, in a position where the conditions of the Permit only can be met by a violation of the HFFACO. This condition risks impact to the Consent Decree for Start LAW Cold Commissioning by 12/31/2022, and Complete LAW Hot Commissioning by 12/31/2023.

See Comment 3 for Key DFLAW HFFACO Milestones that could be impacted.

Response to A-1-7

Please see the Ecology response to Comment A-1-3. The existing leak detection system does not meet regulatory requirements and requires upgrades. Ecology is responsible for inserting permit conditions that are necessary for the protection of human health and the environment. [WAC 173-303-815(2)(b)(iii)]

Appendix A. Copies of All Public Notices

Public notices for this comment period:

- Focus sheet
- Classified notice in the Tri-City Herald
- Notices sent to the Hanford-Info email list
- Notices posted on Washington Department of Ecology – Hanford’s Facebook and Twitter pages

242-A Evaporator permit modification

Basin 41 Tie-in to LERF

- Public comment period Feb. 22 – Apr. 8, 2021.
- Modification proposal will allow the facility's existing transfer line to connect with the proposed Liquid Effluent Retention Facility (LERF) Basin 41.
- Reclassified from a Class 2 to a Class 3 permit modification to require changes to the leak detection system for the transfer line.

Public comment invited

The Washington State Department of Ecology (Ecology) is proposing a change to the Hanford Facility Resource Conservation and Recovery Act Permit, Revision 8C.

This change affects the Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste for the 242-A Evaporator.

This permit modification would allow connection of the 242-A Evaporator PC-5000 transfer line to the proposed LERF Basin 41.

The permittees are:

U.S. Department of Energy
Office of River Protection
P.O. Box 450
Richland, WA 99352

Washington River Protection Solutions
P.O. Box 850
Richland, WA 99352

LERF and 200 Area ETF also have a Class 3 permit modification to propose permit application material in support of constructing the LERF Basin 41.

Background

The Hanford Site occupies 560 square miles in southeastern Washington State. Beginning in 1943, the site produced plutonium for the nation's defense program. Plutonium production ceased in the late 1980s. Today, waste management and environmental cleanup are the primary missions at Hanford.

Reclassifying to a Class 3 permit modification

Originally proposed as a Class 2 permit modification, the permittees held a 60-day comment period from July 10 through Sept. 8, 2020, with a virtual public meeting on August 18, 2020. Ecology received comments from 12 members of the public during the public comment period. Thirty-two members of the public attended the public meeting and no formal comments were made during the virtual meeting.

Multiple public comments expressed concern with the adequacy of the leak detection system. Ecology shares similar concerns, and reclassified the permit modification to a Class 3 to address those concerns and require changes to the leak detection system.

Overview of changes

Currently, the line PC-5000 exits the 242-A building and transfers waste to LERF Basin 43. A second condensate line from Effluent Management Facility (EMF) connects to the PC-5000 at a caisson about halfway to LERF Basin 43. Use of the PC-5000 is administratively controlled by the 242-A Evaporator.

The Waste Treatment and Immobilization Plant (WTP) EMF transfer line, 3"-WTP-002-M17, connects to the PC-5000 line at caisson

MH-WTP-01. This proposed permit modification would allow connection of the PC-5000 line to the proposed LERF Basin 41, and require upgrades to the leak detection system for both the PC-5000 line and the EMF line.

Required upgrades

Ecology has concerns on the adequacy of the leak detection system for the PC-5000 and 3"-WTP-002-

M17 transfer lines. In order for the leak detection systems to meet regulatory requirements, this proposed permit modification includes draft permit conditions requiring upgrades to these systems.

Since the leak detection systems do not meet the WAC 173-303-640(4)(c)(vi), Ecology is proposing permit condition III.4.C.1 with conditions requiring upgrades of the leak detection systems prior to waste transfers.



Figure 1 242-A Evaporator Photo courtesy USDOE

Reviewing the proposed changes

Ecology invites to you to review and comment on this proposed 242-A Evaporator permit modification. See the back page for comment period dates and information on how to submit comments.

Copies of the application for the proposed permit and supporting documentation will be available during the public comment period online at Ecology's website¹. The documents will also be available at the Hanford Public Information Repositories listed on the next page.

Ecology will consider and respond to all significant comments received during the public comment period. We will document our responses and issue a response to comments document when we make our final permitting decision.

¹ [Ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-periods](https://ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-periods)

Hanford's Information Repositories

Ecology Nuclear Waste Program
Resource Center
3100 Port of Benton Blvd.
Richland, WA 99354
509-372-7950

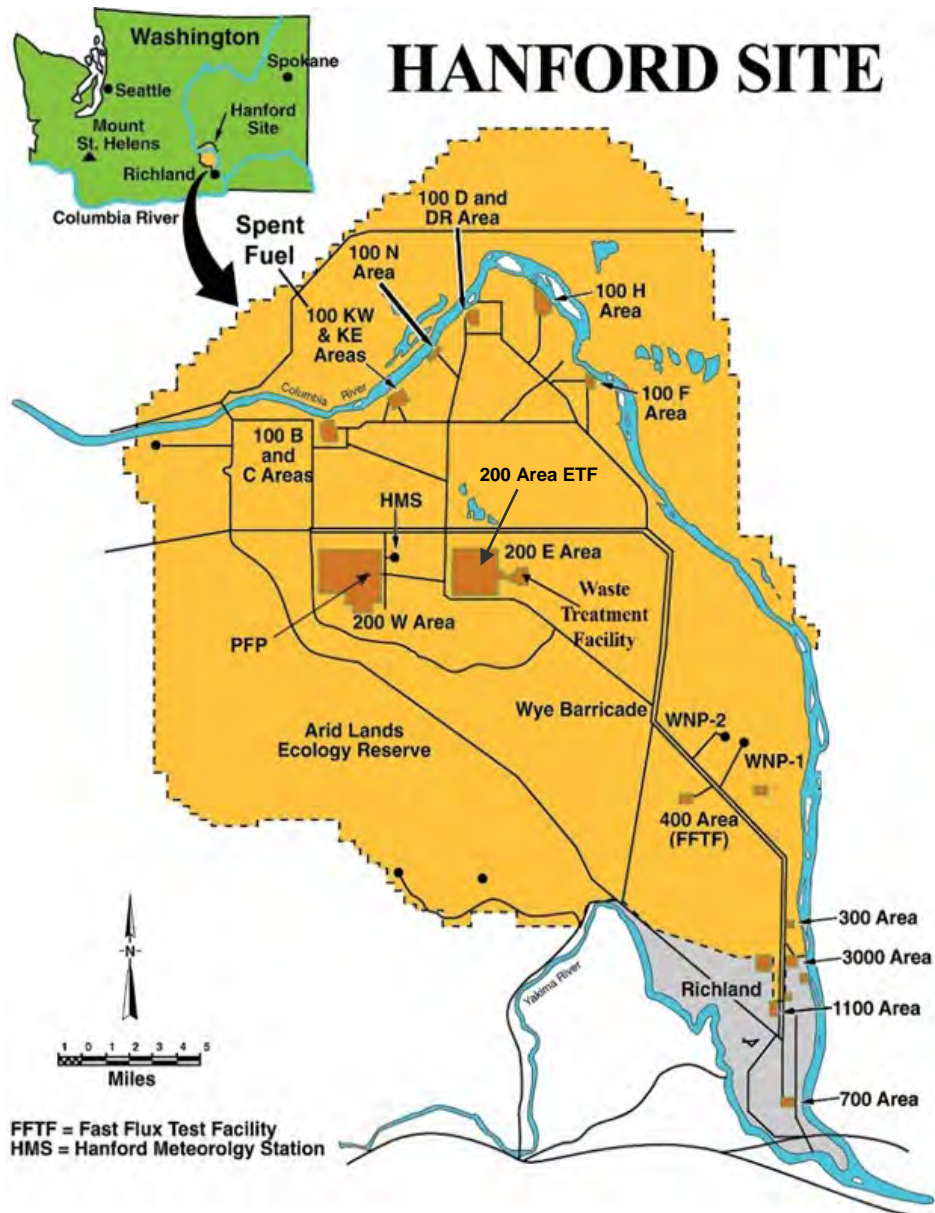
U.S. Department of Energy
Administrative Record
2440 Stevens Drive, Room 1101
Richland, WA 99354
509-376-2530

Washington State University Tri-Cities
Department of Energy Reading Room
2770 Crimson Way, Room 101L
Richland WA 99354

University of Washington
Suzzallo Library
P.O. Box 352900
Seattle, WA 98195
206-543-5597

Gonzaga University
Foley Center
502 E Boone Avenue
Spokane, WA 99258
509-313-6110

Portland State University
Millar Library
1875 SW Park Avenue
Portland, OR 97207
503-725-4542





3100 Port of Benton Blvd
Richland WA 99354

242-A Evaporator permit modification – Basin 41 Tie in

Public comment period Feb. 22 – Apr. 8, 2021

Electronic submission (preferred):
<http://nw.ecology.commentinput.com/?id=7SCZm>

Mail or hand delivery

Daina McFadden
3100 Port of Benton Blvd
Richland, WA 99354

A public hearing is not scheduled, but if there is enough interest, we will consider holding one. To request a hearing or for more information, contact:

Daina McFadden
509 372 7950
Hanford@ecy.wa.gov

To request an ADA accommodation, contact Ecology by phone at 509 372 7950, email at Daina.McFadden@ecy.wa.gov, or visit <https://ecology.wa.gov/accessibility>. For Relay Service or TTY call 711 or 877 833 6341.

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2 Large Beautiful Goblets \$5.00 Call: 509-440-4107.

Bargains under \$200

4 - Hand Blown Martini Glasses \$5.00 Call: 509-440-4107.

9' Spode Christmas Tree Canister Perfect \$20.00 509-440-4107.

Antique Round Ironstone Tureen & Lid \$25.00 Call: 509-440-4107.

90 audio cassette tapes \$5.00 509-735-6719, playman@owt.com

Christmas House with Removable Roof \$5.00 Call: 1-509-440-4107.

Bargains under \$200

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Howe Pottery Crock Cobalt Blue With Lid \$20.00 Call: 509-440-4107.

Mini Green Fiestaware Pitcher \$10.00 Call: 509-440-4107.

New Tommy Hilfiger Jacket Size Small \$30.00 1-509-440-4107

Oval Antique Ironstone Tureen & Lid \$25.00 Call: 509-440-4107.

Bargains under \$200

Spode Christmas Tree Bell \$5.00 Call: 509-440-4107.

Vintage Lead Crystal 8" Tall Ice Bucket \$10.00 Call: 509-440-4107.

WWII Wool Army Sleeping Bag \$15 Zipper & never used 734-1323

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Legals

Legals & Public Notices

242-A Evaporator permit modification public comment period notification

The Washington State Department of Ecology is providing notification of a 45-day public comment period starting Feb. 22 to April 8, 2021. This comment period will address proposed modifications to the Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste for the 242-A Evaporator. The Permittees are U.S. Department of Energy and Washington River Protection Solutions. The 242-A Evaporator is located on the Hanford Site in southeastern Washington.

What changes are being proposed?

This permit modification would allow connection of the 242-A Evaporator PC-5000 transfer line to the proposed LERF Basin 41.

Currently, the line PC-5000 exits the 242-A building and transfers waste to LERF Basin 43. A second condensate line from Effluent Management Facility (EMF) connects to the PC-5000 at a caisson about halfway to LERF Basin 43. Use of the PC-5000 is administratively controlled by the 242-A Evaporator.

The Waste Treatment and Immobilization Plant (WTP) EMF transfer line, 3"-WTP-002-M17, connects to the PC-5000 line in caisson MH-WTP-01. This proposed permit modification would allow connection of the PC-5000 line to the proposed LERF Basin 41, and require upgrades to the leak detection system for both the PC-5000 line and the EMF line.

How to comment

Ecology invites you to review and comment on this proposed 242-A Evaporator permit modification. The proposed modification is online at the Nuclear Waste Program's public comment page at <https://ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-period>. S. Copies of the proposed modification are located on the Administrative Record at <https://pdw.hanford.gov/> and at the Information Repositories listed on the Nuclear Waste Program's public comment page.

Please submit comments by April 8, 2021. Electronic submission (preferred): <http://nw.ecology.commentinput.com/?id=75C2m>

Mail or hand-deliver to: Daina McFadden 3100 Port of Benton Blvd Richland WA 99354 Fax 509-372-7971

Public hearing

A public hearing is not scheduled, but if there is enough interest, we will consider holding one. To request a hearing or for more information, contact: Daina McFadden Hanford@ecy.wa.gov 509-372-7950

CITY OF PASCO SPECIAL MEETING NOTICE

NOTICE IS HEREBY GIVEN that the City Council of the City of Pasco has scheduled a special meeting for Monday, February 22, 2021 at 7:00 PM, Pasco City Hall Council Chambers, 525 N 3rd Ave., Pasco, WA 99301. The purpose of the Special Meeting is for City Council to review and consider approval of the following items:

- Resolution to Ratify Emergency Order Related to COVID-19
- Resolution to Approve the Washington State Department of Health Interagency Agreement for COVID-19 Vaccination Site Reimbursement

A link to a detailed agenda is available on the City of Pasco's website on the City Council's webpage under City Council Agendas. The Pasco City Clerk's Office may also provide a copy of the agenda – call 509.543.5770 or email cityclerk@pasco-wa.gov.

Debra Barham, CMC City Clerk

Legals & Public Notices

NOTICE OF APPLICATION/SEPA DETERMINATION

Si necesita ayuda para entender este aviso o necesita más información, por favor llame al Departamento de Desarrollo Comunitario y Económico de la Ciudad de Pasco a 509-545-3441.

Comment Period Deadlines: Rezone application (MF# Z2021-001): March 10, 2021

Proposal: Rajiv Malhan has submitted a petition to rezone one parcel (2.38 acres) from C-1 (Retail Business District) to R-4 (High Density Residential) and subsequently construct of an estimated 68-unit apartment complex with associated right-of-way and on-site improvements located at Parcel #117-430-022 in Pasco, WA. The proposal is subject to regulations contained in the Pasco Municipal Code.

Public Comment Period: Written comments on the rezone proposal submitted to the Community Development Department by 5:00 p.m. on March 10, 2021, will be included in the Hearing Examiner's meeting packet. You may also submit comments at the Hearing Examiner meeting advertised below. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: planning@pasco-wa.gov.

Open Record Hearing: The Hearing Examiner will conduct an open record hearing on the rezone proposal at 6:00 p.m. on March 10, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Hearing Examiner will consider public testimony concerning the above application at this meeting.

If you wish to participate in the virtual hearing, please register at www.pasco-wa.gov/publiccomment

After registering, you will receive a confirmation email containing information about joining the webinar.

Determination of Completeness: The application has been declared complete for the purpose of processing.

least 2 hours prior to the meeting at the following registration link: www.pasco-wa.gov/publiccomment

After registering, you will receive a confirmation email containing information about joining the webinar.

Determination of Completeness: The application has been declared complete for the purpose of processing.

Required Permits: Grading, right-of-way and building permits will be required before any ground-disturbing activities occur.

Preliminary Determination of Regulations Used for Project Mitigation: To evaluate the impacts of the proposed project, the following may be used for mitigation, consistency, and the development of findings and conclusions:

Title 12 (Streets and Sidewalks), Title 16 (Buildings and Construction), Title 25 (Zoning), regulations of the Pasco Municipal Code, and the land use policies contained in the Pasco Comprehensive Plan; Regulations of the Washington State Department of Fish and Wildlife, Washington State Department of Ecology, and Washington State Department of Natural Resources; Other required agency evaluations, approvals, permits, and mitigations as necessary.

Estimated Date of the Decision: The City Council is estimated to make a decision on the requested rezoning on April 19, 2021.

Prepared 01/26/21 by: Andrew Hattori, Temporary Planner 1, PO Box 293 Pasco, WA 99301 (509) 545-3441

The City of Pasco welcomes full participation in public meetings by all citizens. No qualified individual with a disability shall be excluded or denied the benefit of participating in such meetings. If you wish to use auxiliary aids or require assistance to comment at this public meeting, please contact the Community Development Department at (509) 545-3441 or TDD (509) 585-4425 at least ten days prior to the date of the meeting to make arrangements for special needs.

NOTICE OF APPLICATION

Si necesita ayuda para entender este aviso o necesita más información, por favor llame al Departamento de Desarrollo Comunitario y Económico de la Ciudad de Pasco a 509-545-3441.

Comment Period Deadlines: Special Permit application: March 10, 2021

Proposal: John Pilcher has submitted a Special Permit application for an affordable multifamily housing project, which will include approximately dwelling units located at Parcel #112-230-168 in Pasco, WA (MF# SP 2021-002). The proposal is subject to regulations contained in the Pasco Municipal Code.

Public Comment Period: Written comments submitted to the Community Development Department by 5:00 p.m. on March 10, 2021 will be included in the Hearing Examiner's meeting packet. You may also submit comments at the Hearing Examiner meeting advertised below. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: hattoria@pasco-wa.gov.

Open Record Hearing: The Hearing Examiner will conduct an open record hearing at 6:00 p.m. on March 10, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Hearing Examiner will consider public testimony concerning the above application at this meeting.

If you wish to participate in the virtual hearing, please register at www.pasco-wa.gov/publiccomment

After registering, you will receive a confirmation email containing information about joining the webinar.

Determination of Completeness: The application has been declared complete for the purpose of processing.

Required Permits: Grading, right-of-way and building permits will be required before any ground-disturbing activities occur.

Preliminary Determination of Regulations Used for Project Mitigation: To evaluate the impacts of the proposed project, the following may be used for mitigation, consistency, and the development of findings and conclusions:

Title 12 (Streets and Sidewalks), Title 16 (Buildings and Construction), Title 25 (Zoning), regulations of the Pasco Municipal Code, and the land use policies contained in the Pasco Comprehensive Plan; Regulations of the Washington State Department of Fish and Wildlife, Washington State Department of Ecology, and Washington State Department of Natural Resources; Other required agency evaluations, approvals, permits, and mitigations as necessary.

Estimated Date of the Decision: The City Council is estimated to make a decision on the requested rezoning on April 19, 2021.

Prepared 01/26/21 by: Andrew Hattori, Temporary Planner 1, PO Box 293 Pasco, WA 99301 (509) 545-3441

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NOTICE OF APPLICATION

Si necesita ayuda para entender este aviso o necesita más información, por favor llame al Departamento de Desarrollo Comunitario y Económico de la Ciudad de Pasco a 509-545-3441.

Comment Period Deadlines: Special Permit application: March 10, 2021

Proposal: John Pilcher has submitted a Special Permit application for an affordable multifamily housing project, which will include approximately dwelling units located at Parcel #112-230-168 in Pasco, WA (MF# SP 2021-002). The proposal is subject to regulations contained in the Pasco Municipal Code.

Public Comment Period: Written comments submitted to the Community Development Department by 5:00 p.m. on March 10, 2021 will be included in the Hearing Examiner's meeting packet. You may also submit comments at the Hearing Examiner meeting advertised below. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: hattoria@pasco-wa.gov.

Open Record Hearing: The Hearing Examiner will conduct an open record hearing at 6:00 p.m. on March 10, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Hearing Examiner will consider public testimony concerning the above application at this meeting.

If you wish to participate in the virtual hearing, please register at www.pasco-wa.gov/publiccomment

After registering, you will receive a confirmation email containing information about joining the webinar.

Determination of Completeness: The application has been declared complete for the purpose of processing.

Required Permits: A building permit and right-of-way permit will be required.

Preliminary Determination of Regulations Used for Project Mitigation: To evaluate the impacts of the proposed project, the following may be used for mitigation, consistency, and the development of findings and conclusions:

Title 12 (Streets and Sidewalks), Title 16 (Buildings and Construction), Title 25 (Zoning), regulations of the Pasco Municipal Code, and the land use policies contained in the Pasco Comprehensive Plan; Regulations of the Washington State Department of Fish and Wildlife, Washington State Department of Ecology, and Washington State Department of Natural Resources; Other required agency evaluations, approvals, permits, and mitigations as necessary.

Estimated Date of the Decision: The Hearing Examiner is estimated to make a decision on the Special Permit within ten (10) business days of the hearing.

Prepared 01/19/21 by: Andrew Hattori, Temporary Planner 1, PO Box 293 Pasco, WA 99301 (509) 545-3441

The City of Pasco welcomes full participation in public meetings by all citizens. No qualified individual with a disability shall be excluded or denied the benefit of participating in such meetings. If you wish to use auxiliary aids or require assistance to comment at this public meeting, please contact the Community Development Department at (509) 545-3441 or TDD (509) 585-4425 at least ten days prior to the date of the meeting to make arrangements for special needs.

Legals & Public Notices

NOTICE OF APPLICATION

Si necesita ayuda para entender este aviso o necesita más información, por favor llame al Departamento de Desarrollo Comunitario y Económico de la Ciudad de Pasco a 509-545-3441.

Comment Period Deadlines: Special Permit application: March 10, 2021

Proposal: Ray Poland and Sons Inc. has submitted a Special Permit application for the continued use of the land to crush and recycle concrete and asphalt, located at Parcels #112-401-151, #112-401-142, and #112-401-124 in Pasco, WA (MF# SP 2021-001). The proposal is subject to regulations contained in the Pasco Municipal Code.

Public Comment Period: Written comments submitted to the Community Development Department by 5:00 p.m. on March 10, 2021 will be included in the Hearing Examiner's meeting packet. You may also submit comments at the Hearing Examiner meeting advertised below. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: hattoria@pasco-wa.gov.

Open Record Hearing: The Hearing Examiner will conduct an open record hearing at 6:00 p.m. on March 10, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Hearing Examiner will consider public testimony concerning the above application at this meeting.

If you wish to participate in the virtual hearing, please register at www.pasco-wa.gov/publiccomment

After registering, you will receive a confirmation email containing information about joining the webinar.

Determination of Completeness: The application has been declared complete for the purpose of processing.

least 2 hours prior to the meeting at the following registration link: www.pasco-wa.gov/publiccomment

After registering, you will receive a confirmation email containing information about joining the webinar.

Determination of Completeness: The application has been declared complete for the purpose of processing.

Required Permits: Grading, right-of-way and building permits will be required before any ground-disturbing activities occur.

Preliminary Determination of Regulations Used for Project Mitigation: To evaluate the impacts of the proposed project, the following may be used for mitigation, consistency, and the development of findings and conclusions:

Title 12 (Streets and Sidewalks), Title 16 (Buildings and Construction), Title 25 (Zoning), regulations of the Pasco Municipal Code, and the land use policies contained in the Pasco Comprehensive Plan; Regulations of the Washington State Department of Fish and Wildlife, Washington State Department of Ecology, and Washington State Department of Natural Resources; Other required agency evaluations, approvals, permits, and mitigations as necessary.

Estimated Date of the Decision: The City Council is estimated to make a decision on the requested rezoning on April 19, 2021.

Prepared 01/26/21 by: Andrew Hattori, Temporary Planner 1, PO Box 293 Pasco, WA 99301 (509) 545-3441

The City of Pasco welcomes full participation in public meetings by all citizens. No qualified individual with a disability shall be excluded or denied the benefit of participating in such meetings. If you wish to use auxiliary aids or require assistance to comment at this public meeting, please contact the Community Development Department at (509) 545-3441 or TDD (509) 585-4425 at least ten days prior to the date of the meeting to make arrangements for special needs.

NOTICE OF APPLICATION

Si necesita ayuda para entender este aviso o necesita más información, por favor llame al Departamento de Desarrollo Comunitario y Económico de la Ciudad de Pasco a 509-545-3441.

Comment Period Deadlines: Special Permit application: March 10, 2021

Proposal: John Pilcher has submitted a Special Permit application for an affordable multifamily housing project, which will include approximately dwelling units located at Parcel #112-230-168 in Pasco, WA (MF# SP 2021-002). The proposal is subject to regulations contained in the Pasco Municipal Code.

Public Comment Period: Written comments submitted to the Community Development Department by 5:00 p.m. on March 10, 2021 will be included in the Hearing Examiner's meeting packet. You may also submit comments at the Hearing Examiner meeting advertised below. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: hattoria@pasco-wa.gov.

Open Record Hearing: The Hearing Examiner will conduct an open record hearing at 6:00 p.m. on March 10, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Hearing Examiner will consider public testimony concerning the above application at this meeting.

If you wish to participate in the virtual hearing, please register at www.pasco-wa.gov/publiccomment

After registering, you will receive a confirmation email containing information about joining the webinar.

Determination of Completeness: The application has been declared complete for the purpose of processing.

Required Permits: A building permit and right-of-way permit will be required.

Preliminary Determination of Regulations Used for Project Mitigation: To evaluate the impacts of the proposed project, the following may be used for mitigation, consistency, and the development of findings and conclusions:

Title 12 (Streets and Sidewalks), Title 16 (Buildings and Construction), Title 25 (Zoning), regulations of the Pasco Municipal Code, and the land use policies contained in the Pasco Comprehensive Plan; Regulations of the Washington State Department of Fish and Wildlife, Washington State Department of Ecology, and Washington State Department of Natural Resources; Other required agency evaluations, approvals, permits, and mitigations as necessary.

Estimated Date of the Decision: The Hearing Examiner is estimated to make a decision on the Special Permit within ten (10) business days of the hearing.

Prepared 01/19/21 by: Andrew Hattori, Temporary Planner 1, PO Box 293 Pasco, WA 99301 (509) 545-3441

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Legals & Public Notices

Required Permits: No additional permits will be required.

Preliminary Determination of Regulations Used for Project Mitigation: To evaluate the impacts of the proposed project, the following may be used for mitigation, consistency, and the development of findings and conclusions:

Title 12 (Streets and Sidewalks), Title 16 (Buildings and Construction), Title 25 (Zoning), regulations of the Pasco Municipal Code, and the land use policies contained in the Pasco Comprehensive Plan; Regulations of the Washington State Department of Fish and Wildlife, Washington State Department of Ecology, and Washington State Department of Natural Resources; Other required agency evaluations, approvals, permits, and mitigations as necessary.

Estimated Date of the Decision: The Hearing Examiner is estimated to make a decision on the Special Permit within ten (10) business days of the hearing.

Prepared 01/05/21 by: Andrew Hattori, Temporary Planner 1, PO Box 293 Pasco, WA 99301 (509) 545-3441

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NOTICE OF APPLICATION

Si necesita ayuda para entender este aviso o necesita más información, por favor llame al Departamento de Desarrollo Comunitario y Económico de la Ciudad de Pasco a 509-545-3441.

Comment Period Deadlines: Special Permit application: March 10, 2021

Proposal: John Pilcher has submitted a Special Permit application for an affordable multifamily housing project, which will include approximately dwelling units located at Parcel #112-230-168 in Pasco, WA (MF# SP 2021-002). The proposal is subject to regulations contained in the Pasco Municipal Code.

Public Comment Period: Written comments submitted to the Community Development Department by 5:00 p.m. on March 10, 2021 will be included in the Hearing Examiner's meeting packet. You may also submit comments at the Hearing Examiner meeting advertised below. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: hattoria@pasco-wa.gov.

Open Record Hearing: The Hearing Examiner will conduct an open record hearing at 6:00 p.m. on March 10, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Hearing Examiner will consider public testimony concerning the above application at this meeting.

If you wish to participate in the virtual hearing, please register at www.pasco-wa.gov/publiccomment

After registering, you will receive a confirmation email containing information about joining the webinar.

Determination of Completeness: The application has been declared complete for the purpose of processing.

Required Permits: A building permit and right-of-way permit will be required.

Preliminary Determination of Regulations Used for Project Mitigation: To evaluate the impacts of the proposed project, the following may be used for mitigation, consistency, and the development of findings and conclusions:

Title 12 (Streets and Sidewalks), Title 16 (Buildings and Construction), Title 25 (Zoning), regulations of the Pasco Municipal Code, and the land use policies contained in the Pasco Comprehensive Plan; Regulations of the Washington State Department of Fish and Wildlife, Washington State Department of Ecology, and Washington State Department of Natural Resources; Other required agency evaluations, approvals, permits, and mitigations as necessary.

Estimated Date of the Decision: The Hearing Examiner is estimated to make a decision on the Special Permit within ten (10) business days of the hearing.

Prepared 01/19/21 by: Andrew Hattori, Temporary Planner 1, PO Box 293 Pasco, WA 99301 (509) 545-3441

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Legals & Public Notices

wish to use auxiliary aids or require assistance to comment at this public meeting, please contact the Community Development Department at (509) 545-3441 or TDD (509) 585-4425 at least ten days prior to the date of the meeting to make arrangements for special needs.

NOTICE OF APPLICATION

Si necesita ayuda para entender este aviso o necesita más información, por favor llame al Departamento de Desarrollo Comunitario y Económico de la Ciudad de Pasco a 509-545-3441.

Comment Period Deadlines: Special Permit application: March 10, 2021

Proposal: Zaida E Guzman Rios has submitted a Special Permit application for a daycare center located at 4417 W Sylvester St (Parcel #119-564-125) in Pasco, WA (MF# SP 2021-003) . The proposal is subject to regulations contained in the Pasco Municipal Code.

Public Comment Period: Written comments submitted to the Community Development Department by 5:00 p.m. on March 10, 2021, will be included in the Hearing Examiner's meeting packet. You may also submit comments at the Hearing Examiner meeting advertised below. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: adamsi@pasco-wa.gov.

Open Record Hearing: The Hearing Examiner will conduct an open record hearing at 6:00 p.m. on March 10, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Hearing Examiner will consider public testimony concerning the above application at this meeting.

If you wish to participate in the virtual hearing, please register at www.pasco-wa.gov/publiccomment

After registering, you will receive a confirmation email containing information about joining the webinar.

Estimated Date of the Decision: It is estimated that the Hearing Examiner will make a decision on the Special Permit within ten (10) days of the public hearing.

Prepared 02/17/21 by: Jeffrey B. Adams, Associate Planner, PO Box 293 Pasco, WA 99301 (509) 545-3441

The City of Pasco welcomes full participation in public meetings by all citizens. No qualified individual with a disability shall be excluded or denied the benefit of participating in such meetings. If you wish to use auxiliary aids or require assistance to comment at this public meeting, please contact the Community Development Department at (509) 545-3441 or TDD (509) 585-4425 at least ten days prior to the date of the meeting to make arrangements for special needs.

NOTICE OF PENDING SHORT PLAT APPROVAL

February 16, 2021

PLEASE TAKE NOTICE that Knutzen Engineering has filed an application with the City of Pasco for the approval of an eight-lot residential short plat on a 4.95-acre parcel. The proposed short plat is located on the Parcel #118-632-061. The approval of a short plat is an administrative action not requiring a public hearing.

If you wish to comment on the proposed short plat you may do so by emailing the Pasco Planning Department at Planning@pasco-wa.gov or by writing us at: Pasco Planning Department P.O. Box 293 Pasco, WA 99301

Please have comments to the Pasco Planning Department by March 02, 2021.

For more information you may contact: Andrew Hattori, Temporary Planner I 525 N 3rd Ave Pasco, WA 99301 (509) 545-3441

Master File Number: SPLAT 2021-003

NOTICE OF PUBLIC HEARING

Proposal: Hayden Homes, LLC, submitted a preliminary plat application to subdivide a 65.15-acre lot into 192 lots, located at 7114 W Hildebrand Road. The Comprehensive Plan designation for the site is Low Density Residential. The site is zoned Residential, Low Density (RL) and is subject to Residential Design Standards. The file number is PP 20-03/PLN-2020-03218.

Open Record Hearing: The City of Kennewick Hearing Examiner will conduct an open record hearing at 6:00 p.m. on March 8, 2020 . In response to COVID-19 emergency, testimony will be taken online. To participate in the meeting, use the link found at <https://www.go2kennewick.com/244/Hearing-Examiner>

Submitting Written Comments

The City asks all members of the public that would like to comment regarding the Public Hearing to fill out an online form at <https://www.go2kennewick.com/244/Hearing-Examiner> no later than 5:00 p.m. on Friday, March 5th to be included in the Hearing Examiner packet for the record.

Interested parties may also submit written comments to P.O. Box 6108, Kennewick, WA 99336; or e-mail steve.donovan@ci.kennewick.wa.us no later than 5:00 p.m. on Friday, March 5th to be included in the Hearing Examiner packet for the record.

Commenting at the Meeting

If you wish to comment during the Public Hearing, please register at <https://www.go2kennewick.com/244/Hearing-Examiner>. Registrations must be received by 4:00 p.m. on Monday, March 8th.

Environmental Documents and/or Studies Applicable to this Proposal: A Determination of Non-significance, ED 20-31/PLN-2020-03225 was issued on February 3, 2021.

Determination of Completeness: The application was determined complete on November 12, 2020 for the purpose of processing.

Project Permits Associated with this Proposal: Civil

Preliminary Determination of Regulations Used for Project Mitigation: Title 18 (Zoning), Title 17 (Subdivision), Title 4 (Administrative Procedures) of the Kennewick Municipal Code and the land use policies contained in the Kennewick Comprehensive Plan.

Estimated Date of Decision: Within 10 business days of the Hearing Date of March 8, 2021.

To Receive Notification of the Decision: Contact the Development Services Division at 210 W. 6th Avenue, Kennewick, WA 99336 or via telephone at (509) 585-4280.

Appeal: Any person aggrieved by the decision of the Kennewick Hearing Examiner on this proposal may appeal to the Superior Court of Benton County within twenty-one (21) days of the date of decision.

Legals & Public Notices

of decision.

Steve Donovan, Senior Planner

The City of Kennewick welcomes full participation in public meetings by all citizens and does not discriminate on the basis of disability, pursuant to the requirements of the American with Disabilities Act of 1990, pub. L 101-336. No qualified individual with a disability shall be excluded or denied the benefit of participating in such meetings. If you wish to use auxiliary aids or require assistance to comment at this public meeting, please contact the City of Kennewick, Steve Donovan, Development Services Department at (509) 585-4361 or TDD (509) 585-4425 or through the Washington Relay Service Center TTY at #711 at least ten days prior to the date of the meeting to make arrangements for special needs.

210 W. Sixth Avenue / PO Box 6108, Kennewick WA

ORDINANCE NO. 01-21, AN ORDINANCE of the City of Richland, Benton County Washington, amending Title 2: Administration and Personnel of the Richland Municipal Code by creating a new Chapter RMC 2.36 providing for relocation assistance.

Ordinance available at the City Clerk's Office, 625 Swift Boulevard MS-05, Richland, WA 99352 or (509) 942-7389.

CITY OF RICHLAND PUBLIC NOTICE

The City of Richland proposes to renew Industrial Wastewater Discharge Permit No. CR-U008. The proposed permit allows Framatome to discharge pollutants subject to effluent limitations and other conditions to Richland's Publicly Owned Treatment Works (POTW), pursuant to all applicable pretreatment regulations, standards, and requirements under local, state, and federal laws, or laws that may become effective during the term of the permit. Public Comment and Information: In accordance with state regulations, WAC 173-216-090 outlines requirements for public notice of draft permits. Interested persons are invited to submit written comments regarding the proposed permit. Comments must be submitted within 30 days of the date of the public notice. Comments and requests for copies of the proposed permit, the fact sheet, and any non-property permit application material should be sent to: City of Richland Wastewater Treatment Facility, Attn: Lead Plant Operator, 625 Swift Boulevard MS-27, Richland, WA 99352 or submitted/requested in person Mon-Fri, 7:00-3:30 p.m. at the Wastewater Treatment Facility, 555 Lacy Road, Richland, WA. A public hearing may be held on the permit application based on public interest. A public hearing notice will be published 30 days in advance of such hearing. For more information, please call 509-942-7485. Published: Sunday, February 21 and 28, 2021

PORT OF BENTON LED Lighting Replacement/Retrofit Project

The Port of Benton is seeking quotes from qualified contractors for the replacement/retrofit of older lighting fixtures throughout our 2345 Stevens Dr. building.

Project details and submission guidelines is available at portofbenton.com under Business with us – Bid Opportunities. Proposals are due by 11:00 a.m. Pacific on February 26, 2021.

In addition to submitting a quote, Contractors must also complete the Port's Small Works Application at portofbenton.com. Contractor must also have completed or be exempt from the L&I Public Works Training. The Port encourages minority, women-owned and veteran-owned firms to submit proposals.

Published: Sunday, February, 14 and 21, 2021 Tri-City Herald

Notice 2 Creditors

IN THE SUPERIOR COURT OF THE STATE OF WASHINGTON IN AND FOR THE COUNTY OF BENTON

In the Matter of the Estate of: JOHN EDWARD FLIEGER, Deceased.

NO. 20-4-00404-03

NOTICE OF HEARING ON PETITION FOR ORDER DETERMINING UNASCERTAINABLE CREDITORS AND TERMINATING RIGHTS

RCW 11.40.96A.110

NOTICE IS HEREBY GIVEN that KYLE FLIEGER, as personal representative of the above-named Estate, has filed in the office of the clerk of the above court the Petition for Order Determining Unascertainable Creditors and Terminating Rights (the "Petition").

The Petition will be heard on WEDNESDAY, MARCH 10, 2021, at 1:30p.m. in the courtroom of the Probate Department of the above court, at which time and place any person interested in the estate may appear and file objections to and contest the Petition.

Date of Second Publication: 02/21/2021

/s/ KYLE FLIEGER, Personal Representative

Address for Mailing and Service: 1814 Sagewood Loop Richland, WA 99352

Attorney for Personal Representative: ALBERT COKE ROTH, III, ESQ. LAW OFFICE OF COKE ROTH Address for Mailing and Service: 8836 GAGE BLVD - SUITE 204A KENNEWICK, WA 99336

Benton County Superior Court Cause No: 20-4-00404-03

CITY OF PASCO SPECIAL MEETING NOTICE

NOTICE IS HEREBY GIVEN that the City Council of the City of Pasco has scheduled a special meeting for Monday, February 22, 2021 at 7:00 PM, Pasco City Hall Council Chambers, 525 N 3rd Ave., Pasco, WA 99301. The purpose of the Special Meeting is for City Council to review and consider approval of the following items:

- Resolution to Ratify Emergency Order Related to COVID-19
- Resolution to Approve the Washington State Department of Health Interagency Agreement for COVID-19 Vaccination Site Reimbursement

A link to a detailed agenda is available on the City of Pasco's website on the City Council's webpage under City Council Agendas. The Pasco City Clerk's Office may also provide a copy of the agenda – call 509.543.5770 or email cityclerk@pasco-wa.gov.

Debra Barham, CMC City Clerk

CITY OF RICHLAND PUBLIC NOTICE OF INTENT

City of Richland, Danielle Mullins, 625 Swift Blvd Richland, WA 99352, is seeking coverage under the Washington State Department of Ecology's Construction Stormwater NPDES and State Waste Discharge General Permit.

The proposed project, 1st Street Extension, is located at the intersection of Kingsgate Way and 1st Street and surrounding area within the City of Richland and Benton County. It consists of approximately 0.3 miles of roadway extension west of the intersection. This project involves 31.8 acres of soil disturbance for roadway, grading, and utility construction activities. Nearby fields will receive stormwater.

Any persons desiring to present their views to the Washington State Department of Ecology regarding this Application, or interested in Ecology's action on this Application, may notify Ecology in writing no later than 30 days of the last date of publication of this notice. Ecology reviews public comments and considers whether discharges from this project would cause a measurable change in receiving waters quality, and, if so, whether the project is necessary and in the overriding public interest according to Tier II anti-degradation requirements under WAC 173-201A-320. Comments can be submitted to: ecyreginfo@ecy.wa.gov or Department of Ecology Attn: Water Quality Program, Construction Stormwater P.O. Box 47696, Olympia, WA 98504-7696

Insecticide Bid :

The Benton County Mosquito Control District is now accepting bids for insecticides used to control mosquitoes. Bids will be accepted until 1:00 p.m. Monday, March 15, 2021. Bid documents may be obtained at the District office located at 4951 W. Van Giesen Street, West Richland, WA 99353 or by calling Stephen Ingalls at (509) 967-2414.

All bids must be submitted on the bid form provided by the District.

LERF and 200 Area ETF permit modification public comment period notification

The Washington State Department of Ecology is providing notification of a 45-day public comment period starting Feb. 22 to April 8, 2021. This comment period will address proposed modifications to the Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste for the Liquid Effluent Retention Facility (LERF) and the 200 Area Effluent Treatment Facility (ETF). The Permittees are U.S. Department of Energy and Washington River Protection Solutions. The LERF and 200 Area ETF facilities are located on the Hanford Site in southeastern Washington.

What changes are being proposed?

This permit modification would allow the addition of a liquid retention basin to LERF.

The improvements include:

Mosquito Control Operations Begin :

The Benton County Mosquito Control District will commence field operations within the District boundaries for the control of both mosquito larvae and adult mosquitoes beginning March 1, 2021. Field operations will conclude on September 30, 2021, but weather conditions may necessitate the extension of field operations into and through the month of October 2021.

Etophenprox, Deltamethrin, Sumithrin, Malathion, Permethrin, and Naled will be used to control adult mosquitoes (fogging), during the late evening and early morning hours. EPA registration numbers for the products anticipated for use are: Anvil 10+10, 1021-1688-8329, Anvil 2+2, 1021-1687-8329, DeltaGard, 432-1534, Duet, 1021-1795-8329, Fyfanon EW, 279-3622, BioMist 4+4, 8329-35, Zenivex E4, 2724-807, Wisdom TC, 548

From: [McFadden, Daina \(ECY\)](#)
To: HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV
Subject: Upcoming 242-A Evaporator public comment period
Date: Friday, January 22, 2021 12:21:40 PM

242-A Evaporator permit modification 30-day advance notice

The Washington State Department of Ecology is providing notification of a 45-day public comment period starting mid to late February 2021. This comment period will address proposed modifications on the 242-A Evaporator. The Permittees are U.S. Department of Energy, Office of River Protection and Washington River Protection Solutions. The 242-A Evaporator is located on the Hanford Site in southeastern Washington.

What changes are being proposed?

This permit modification would allow the facility's existing transfer line to connect with the proposed LERF Basin 41.

Public Hearing

A public hearing is not scheduled, but if there is enough interest, we will consider holding one. To request a hearing or for more information, contact:

Daina McFadden

Hanford@ecy.wa.gov

509-372-7950

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From: [McFadden, Daina \(ECY\)](#)
To: HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV
Subject: New 242-A Evaporator public comment period starts today
Date: Monday, February 22, 2021 9:26:01 AM

242-A Evaporator permit modification public comment period notification

The Washington State Department of Ecology is providing notification of a 45-day public comment period starting Feb. 22 to April 8, 2021. This comment period will address proposed modifications to the *Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste* for the 242-A Evaporator. The Permittees are U.S. Department of Energy and Washington River Protection Solutions. The 242-A Evaporator is located on the Hanford Site in southeastern Washington.

What changes are being proposed?

This permit modification would allow an additional connection for the combined backup Waste Treatment and Immobilization Plant (WTP) Effluent Management Facility (EMF) transfer line and the 242-A Evaporator PC-5000 transfer line to the proposed Liquid Effluent Retention Facility (LERF) Basin 41. The permit modification also requires additional upgrades to the leak detection system for both the PC-5000 transfer line and the backup WTP EMF transfer line.

Currently, the combined transfer line connects to LERF Basin 43.

How to comment

Ecology invites you to review and comment on this proposed 242-A Evaporator permit modification. The proposed modification is online at the Nuclear Waste Program's [public comment page](#). Copies of the proposed modification are located on the [Administrative Record](#) and at [Information Repositories](#).

Please submit comments by April 8, 2021. Electronic submission (preferred):

<http://nw.ecology.commentinput.com/?id=7SCZm>

Mail or hand-deliver to:

Daina McFadden
3100 Port of Benton Blvd
Richland WA 99354

Fax 509-372-7971

[Public hearing](#)

A public hearing is not scheduled, but if there is enough interest, we will consider holding one. To request a hearing or for more information, contact:

Daina McFadden

Hanford@ecy.wa.gov

509-372-7950

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Washington Department of Ecology - Hanford

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Two new #Hanford public comment periods held by our agency began today, involving the 242-A Evaporator and the Liquid Effluent Retention Facility/Effluent Treatment Facility. Check them out and comment by April 8 here: <https://ecology.wa.gov/.../Nuclear.../Public-comment-periods>



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Two new #Hanford public comment periods held by our agency began today, involving the 242-A Evaporator and the Liquid Effluent Retention Facility/Effluent Treatment Facility. Check them out & comment here: ecology.wa.gov/Waste-Toxics/N... @EcologyWA @HanfordSite @EPAnorthwest



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