



# **Response to Comments State Waste Discharge Permit ST0004502 for the 200 Area TEDF**

**June 28 - Aug. 26, 2021**

**Feb. 22 - March 24, 2022**

For the **Nuclear Waste Program**

Washington State Department of Ecology

Richland, Washington

May 2022, Publication 22-05-011



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# Department of Ecology's Regional Offices

## Map of Counties Served



<b>Southwest Region</b> 360-407-6300	<b>Northwest Region</b> 425-649-7000	<b>Central Region</b> 509-575-2490	<b>Eastern Region</b> 509-329-3400
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Region	Counties served	Mailing Address	Phone
<b>Southwest</b>	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Mason, Lewis, Pacific, Pierce, Skamania, Thurston, Wahkiakum	PO Box 47775 Olympia, WA 98504	360-407-6300
<b>Northwest</b>	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom	3190 160th Ave SE Bellevue, WA 98008	425-649-7000
<b>Central</b>	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima	1250 W Alder St Union Gap, WA 98903	509-575-2490
<b>Eastern</b>	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman	4601 N Monroe Spokane, WA 99205	509-329-3400
<b>Headquarters</b>	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 State Waste Discharge Permits within the Hanford Site by writing permits to regulate discharge of wastewater to the waters of the state. 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 \[WAC\] 173-216-090](#) for public notice requirements.)

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	State Waste Discharge Permit ST0004502 for the 200 Area TEDF, June 28 – Aug. 26, 2021 and Feb. 22 - March 24, 2022.
Permit	State Waste Discharge Permit ST0004502 for the 200 Area TEDF
Permittees	U.S Department of Energy, Office of River Protection
Original Issuance date	May 31, 2022
Effective date	July 1, 2022

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

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

## Reasons for Issuing the Permit

State Waste Discharge Permit ST0004502 (SWDP ST0004502) authorizes the Department of Energy (USDOE) to discharge wastewater to the ground at the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The wastewater is sourced from non-contact cooling water, steam condensate, raw and treated Columbia River water, boiler blowdown, and other sources of non-dangerous process wastewater generated from multiple facilities on the Hanford Site. The 200 Area TEDF has been in operation since 1995.

The 200 Area TEDF is a disposal site and does not treat wastewaters discharged to it. Wastewaters discharged to the 200 Area TEDF are required to already meet effluent limits set by the permit.

State Water Discharge Permit (SWDP) ST0004502 ensures that USDOE operates the 200 Area TEDF according to requirements of the Washington State Waste Discharge Permit Program. SWDP ST0004502 defines the authorized discharge sources, schedules for submittal of documents, effluent limits, monitoring, operations and maintenance, reporting and recordkeeping, etc.

Through strict source control and careful siting of the discharge location, there is little risk of driving contamination into the soil or groundwater or impacting historical, archaeological, and cultural resources.

## Public Involvement Actions

Ecology encouraged public comment on the State Waste Discharge Permit ST0004502 renewal for the 200 Area TEDF during a 60-day public comment period held June 28 – Aug. 26, 2021 and a 30-day public comment period held Feb. 22 - March 24, 2022.

The following actions were taken to notify the public:

- Mailed the June 2021 public notice announcing the comment period to 1,107 members of the public.
- Mailed the February 2022 public notice announcing the comment period to 1,006 members of the public.
- Placed a public announcement legal classified notice in the Tri-City Herald on June 27, 2021 and Feb. 22, 2022.
- Emailed a notice announcing the start of the June 2021 comment period to the Hanford-Info email list, which has 1,285 recipients.
- Emailed a notice announcing the start of the Feb. 2022 comment period to the Hanford-Info email list, which has 1,287 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:

- Focus sheet
- Transmittal letter
- Fact Sheet for the proposed 200 Area TEDF permit renewal
- Draft State Waste Discharge Permit ST0004502 renewal for the 200 Area TEDF

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

- Focus sheets
- Classified notices 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 SWDP ST450004502 Permit modification. The comments and responses are in [Attachment 1](#).

Commenter	Organization
Steven Clark	Citizen
USDOE	Agency
USDOE	Agency

# Attachment 1: Comments and Responses

## **Description of comments:**

Ecology accepted comments from June 28 through Aug. 26, 2021 and Feb. 22 through March 24, 2022. 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: STEVEN CLARK**

### **Comment I-1-1**

The Permit and Fact Sheet contain text referring to a "POTW" which is apparently a "publicly owned treatment works." Such a facility does not exist at the Hanford Site. All referrals to a "POTW" and the discussions and acronyms associated with such a facility should be stricken from these documents. Such discussions are confusing and distracting.

#### ***Response to I-1-1***

*"POTW" is referenced in General Condition G4. Ecology does not make changes to General Conditions required to be in all permits. Reference to POTWs will be removed from Special Conditions.*

## **A-1: HANFORD DEPARTMENT OF ENERGY**

### **Comment A-1-1**

See the attached file for the consolidated comments from Hanford Department of Energy.

#### ***Response to A-1-1***

*No final response has been entered.*

### **Comment A-1-2**

ST0004502 Permit, Entire Document.

The page numbers within the proposed ST0004502 permit are not formatted correctly. The current ST0004502 permit starts the page numbering on the title page and continues increasingly in the same format (i.e., 1, 2, 3...).

Reformat the page numbering to be consistent with other permits recently issued, such as State Waste Discharge Permit ST0045514, and update the page numbering within the Table of Contents.

#### ***Response to A-1-2***

*Hanford Water State Waste Discharge Permits will be formatted according to the NWP style guide.*

### **Comment A-1-3**

ST0004502 Permit, Title Page, NAICS Code.

The appropriate NAICS Code for the 200 Area TEF is 924110, "Administration of Air and Water Resource and Solid Waste Management Programs." The NAICS Code 924110 also cross-references to the listed SIC Code 9511, "Air, Water, and Solid Waste Management." The NAICS code 562910 does not cross-reference to SIC Code 9511.

Revise the NAICS Code to 924110.

***Response to A-1-3***

*Ecology will revise the text as requested.*

**Comment A-1-4**

ST0004502 Permit, Page iii, Table.

The table reads: "Miscellaneous waste streams permitted by ST-4511." For clarity, please state "State Waste Discharge Permit ST0004511."

Revise the text to read: "Miscellaneous waste streams permitted by State Waste Discharge Permit ST0004511."

***Response to A-1-4***

*Ecology will revise the text as requested.*

**Comment A-1-5**

ST0004502 Permit, Page iii, Table.

For the Waste Treatment and Immobilization Plant (WTP), the Uses Generating Effluent reads: "Cooling water, steam condensate, boiler blowdown, reverse osmosis brine, reverse osmosis permeate, and nondangerous, non-radioactive water." Please add "cooling tower blowdown" to the Uses Generating Effluent. The cooling tower blowdown was listed in the draft ST0004502 Fact Sheet on Page 15: "Cooling tower blowdown and reverse osmosis brine are the primary WTP wastewater contributions to the 200 Area TEDF."

Please add "cooling tower blowdown" to the Uses Generating Effluent for the Waste Treatment and Immobilization Plant (WTP).

***Response to A-1-5***

*Ecology will revise the text as requested.*

**Comment A-1-6**

ST0004502 Permit, Page 8, Special Condition S1.A, Arsenic.

Ecology appears to have set the Arsenic background concentration at the 90th percentile groundwater background concentration, which was reported as 7.85 µg/L. Ecology Publication 96-02 states, "Background water quality is statistically defined as the 95 percent upper tolerance interval with a 95% confidence." The Hanford Site 90th and 95th percentile groundwater background concentrations for numerous constituents are published in DOE/RL-96-61, Rev. 0, Hanford Site Background: Part 3, Groundwater Background, U.S. Department of Energy, Richland Operations Office, Richland, Washington. The Hanford Site 95th percentile groundwater background concentration for Arsenic is 11.8 µg/L (DOE/RL-96-61). The BAT/AKART TEDF discharges are compliant with the proposed Arsenic effluent limit that was set at the 90th percentile groundwater background concentration (See proposed ST0004502 Fact Sheet, Table 2).

Please add a footnote that clarifies the Arsenic effluent limit was set at the 90 th percentile groundwater background concentration.

Please add a second footnote that clarifies the enforcement limit of Arsenic cannot be lower than the PQL value.

***Response to A-1-6***

*Ecology will clarify in the permit that the enforcement limit of Arsenic cannot be lower than the PQL value.*

*Additionally, Ecology will set the effluent limits at the Hanford Site 95th percentile groundwater background concentration as published in DOE/RL-96-61, Rev. 0, Hanford Site Background: Part 3, Groundwater Background, U.S. Department of Energy, Richland Operations Office, Richland, Washington.*

**Comment A-1-7**

ST0004502 Permit, Page 8, Special Condition S1.A, Cadmium.

Ecology appears to have set the Cadmium effluent limit at the 90th percentile groundwater background concentration, which was reported as 0.916 µg/L (DOE/RL-96-61). The WTP BAT/AKART Addendum #3 (11-EMD-0040) technology-based effluent concentration for Cadmium is 3 µg/L. The Groundwater Quality Standard for Cadmium is 10 µg/L (WAC 173-200-040).

Please set the Cadmium effluent limit at 10 µg/L.

Please add a second footnote that clarifies the enforcement limit of Cadmium cannot be lower than the PQL value.

***Response to A-1-7***

*Ecology will not increase the Cadmium effluent limit to 10 µg/L.*

*Ecology will set the effluent limits as close to background groundwater concentration as is reasonable based on AKART.*

*Ecology will raise the Cadmium Effluent limit to the WTP BAT/AKART Addendum #3 limit of 3 µg/L.*

*Ecology will clarify in the permit that the enforcement limit of Cadmium cannot be lower than the PQL value.*

*Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.*

*Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.*

### **Comment A-1-8**

ST0004502 Permit, Page 8, Special Condition S1.A, Chromium.

Ecology appears to have set the Chromium effluent limit at the 90th percentile groundwater background concentration, which was reported as 2.4 µg/L (DOE/RL-96-61). The State Groundwater Quality Standard (GWQS) for Chromium is 50 µg/L (WAC 173-200-040). The current ST0004502 effluent limit for Chromium is 20 µg/L. The WTP BAT/AKART Addendum #3 (11-EMD-0040) technology-based effluent concentration for Chromium is 16 µg/L.

Please maintain the Chromium effluent limit at 20 µg/L.

#### ***Response to A-1-8***

*Ecology will not increase the Chromium effluent limit to 20 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Chromium at 16µg/L.*

*Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.*

*Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.*

### **Comment A-1-9**

ST0004502 Permit, Page 8, Special Condition S1.A, Iron.

During startup and commissioning of the WTP, iron concentrations in the Nonradioactive Liquid Waste Disposal System (NLD) effluent have been elevated and required off-site disposal of several million gallons of wastewater. The elevated iron concentrations resulted from carbon steel piping being drained to NLD during system outages, which allowed wetted surfaces to undergo general corrosion in the presence of oxygen. Following refilling of the system, the general corrosion in the piping dissolves into the water and the piping develops a passive oxide layer which protects the pipe from further corrosion.

Once WTP commences full operations, the passive oxide layer will stabilize and mitigate continued iron release into NLD wastewater. Except during system perturbations, the resulting iron concentration should remain below the 300 ug/L target limit.

WTP is pursuing Ecology consideration for allowance of periodic wastewater discharges of iron concentrations above 300 ug/L but less than the 95th percentile of background Hanford Site Groundwater levels of approximately 1,104 ug/L. Specifically, an allowance to discharge for up to 4 weeks following system outages. The iron concentration in the wastewater would be sampled and analyzed to confirm concentrations below the 95th percentile background level (1,104 ug/L) prior to transfer.

### ***Response to A-1-9***

*Ecology will allow excursions from the 300 ug/L limit for up to four weeks and below the background concentration. The permittee must notify Ecology of these events, including the length of time they occurred, and the total volume discharged during that period in the DMR that the excursion occurred.*

### **Comment A-1-10**

ST0004502 Permit, Page 8, Special Condition S1.A, Lead.

Ecology appears to have set the Lead background concentration at the 90th percentile groundwater background concentration, which was reported as 0.917 µg/L (DOE/RL-96-61). The State Groundwater Quality Standard (GWQS) for Lead is 50 µg/L (WAC 173-200-040). The WTP BAT/AKART Addendum #3 (11-EMD-0040) technology-based effluent concentration for Lead is 6 µg/L. The current ST0004502 effluent limit for Lead is 10 µg/L.

Please maintain the Lead effluent limit at a technologybased effluent limit of 10 µg/L.

Please maintain the Lead effluent limit at 10 µg/L. Please add a second footnote that clarifies the enforcement limit of Lead cannot be lower than the PQL value.

### ***Response to A-1-10***

*Ecology will not increase the Lead effluent limit to 10 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Lead at 6 µg/L.*

*Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.*

*Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.*

### **Comment A-1-11**

ST0004502 Permit, Page 8, Special Condition S1.A, pH.

The proposed minimum and maximum values for pH will result in noncompliance because pH is monitored continuously, and pH data are comprised of numerous instantaneous values that are not averaged. Compliance would be evaluated for each individual data point. Table 2 within the proposed ST0004502 Fact Sheet reported a minimum pH value of 6.0 and a maximum pH value of 10.1. The reporting of daily pH minimum and maximum values does not accurately characterize the discharge volumes because pH values are not averaged.

Please remove the effluent limits for pH while maintaining the continuous monitoring and reporting requirements for pH.

### ***Response to A-1-11***

*This is a GWQS and should be in the Permit. There are regulations which allow "excursions" outside of the daily minimum and maximum values when sampling continuously (40 CFR § 401.17).*

*Ecology added the following footnote to Permit Condition S1.A:*

*"When pH is continuously monitored, excursions between 6.0 and 6.5, or 8.5 and 10.5 are not to be considered violations if no single excursion exceeds 60 minutes in length and total excursions do not exceed 7 hours and 26 minutes per month. Any excursions below 6.0 and above 10.5 at any time are violations."*

### **Comment A-1-12**

ST0004502 Permit, Page 9, Special Condition S2.A, Table.

Volatile organic analysis (VOA) can be performed using SW-846 8260 as well as EPA 624.1. The methods are essentially the same.

This is similar to bis(2-ethylhexyl) phthalate in the table, which specifies both methods for Semi-VOA (i.e., SW-846 8270 or EPA 625) to provide more flexibility.

For the following parameters change the method from "EPA 624.1" to "SW-846 8260 or EPA 624.1": Total trihalomethanes Carbon tetrachloride Chloroform Methylene chloride

### ***Response to A-1-12***

*SW-846 methods are generally not appropriate for use in analysis of non-potable wastewaters except in special cases (usually when a Clean Water Act approved method does not exist for a given parameter).*

*Ecology will also remove the method from Bis-2 phthalate, and update to EPA 625.1*

*Ecology will also remove the method from any other parameter that specifies both a CWA method and SW-846 method which include gross alpha, gross beta and conductivity.*

### **Comment A-1-13**

ST0004502 Permit, Page 10, Special Condition S2.A, Table.

The GWQS is for Chromium (total) not Hexavalent Chromium. Sampling for Hexavalent Chromium is not needed and could result in misleading or contradictory results because Chromium concentrations in the TEDF discharge are below the PQL. The BAT/AKART discharges yielded a maximum Chromium discharge of 7.12 µg/L (See proposed ST0004502 Fact Sheet Table 2). The Chromium PQL value was informally reported as 10 µg/L. Within ECF-HANFORD-18-0058, the PQL for Chromium is 10.5 µg/L, and the PQL for Hexavalent Chromium is 10.5 µg/L 2.

Remove the quarterly Hexavalent Chromium sampling requirement.

### ***Response to A-1-13***

*Ecology determined the sampling and analysis requirement for this parameter is necessary due to the potential for hexavalent chromium to increase as a percentage of total chromium over time. Hexavalent chromium is a more toxic form of chromium that is associated with industrial processes. A significant increase in the ratio of hexavalent chromium over time would indicate increased degradation of groundwater and may lead to Ecology re-evaluating the effluent limit for chromium.*

*The permittee may request to remove hexavalent chromium sampling from the permit after 2 years of samples showing that the hexavalent chromium sampling is less than the PQL.*

### **Comment A-1-14**

ST0004502 Permit, Page 10, Special Condition S2.A, Table, Footnote a.

It is unclear what Ecology means with the statement: "The time interval for the associated data logger must be no greater than 30 minutes."

Please revise to read: "The data points collected during continuous monitoring efforts must be collected at time intervals less than or equal to 30 minutes."

### ***Response to A-1-14***

*Ecology accepts revision.*

### **Comment A-1-15**

ST0004502 Permit, Page 10, Special Condition S2.A, Table, Footnote a.

The statement: "The Permittee must sample daily when continuous monitoring is not possible" can only be applicable to the parameters of conductivity and pH. Flow cannot be sampled daily when the flow meter is not available due to calibration, power failure, unanticipated equipment repair or maintenance.

Please revised the subject sentence to read: "The Permittee must sample for conductivity and pH daily when continuous monitoring is not possible."

### ***Response to A-1-15***

*The permittee must still monitor flow even when continuous monitoring is not available. If daily sampling for flow is not an alternative option, the permittee may quantify daily flow based on data obtained from all facilities that contribute flow to TEDF.*

*Ecology will revise footnote to:*

*"The Permittee must sample for conductivity and pH daily when continuous monitoring is not possible. The permittee must quantify flows using flow data from lift stations and provided by generators when continuous monitoring is not available."*

### **Comment A-1-16**

ST0004502 Permit, Page 10, Special Condition S2.A, Table, Footnote d, 1st Sentence.

The text reads: “24-hour composite means a series of individual samples collected over a 24-hour period into a single container, and analyzed as one sample.”

The 200 Area TEDF 24-hour sampler is setup to distribute the composite sample equally into eight 2-L bottles rather than a single large container (such as a 5-gallon container).

Please revise to read: “24-hour composite means a series of individual samples collected over a 24-hour period and analyzed as one sample.”

### ***Response to A-1-16***

*The permittee's method for composite sampling is acceptable; however, this is an already established definition for composite sampling. Ecology will retain this definition, but clarify in the Fact Sheet that Ecology considers the permittees specified method acceptable.*

### **Comment A-1-17**

ST0004502 Permit, Page 10, Special Condition S2.A, Table, Footnote d, 2nd Sentence.

The text reads: “If the pump will not operate continuously for 24 hours due to power failure, unanticipated equipment repair or maintenance, or low flow at the discharge (<50 gpm), then a manual composite of 4 grab samples collected over one working day may be used in place of a composite sample for all parameters that normally require a composite.” There are operational, logistical, and data quality constraints associated with the proposed change for manually collecting a composite of four grab samples collected over one working day.

Please revise to read: “If the composite sampling pump will not operate continuously for 24 hours due to low flow (<50 gpm), power failure, unanticipated equipment repair or maintenance, a grab sample may be used in place of a composite sample for all parameters that normally require a composite sample.”

### ***Response to A-1-17***

*The constraints surrounding the requirement to perform an 8-hr manual composite as an alternative to the 24 hour composite sampler are not significant enough to merit altering the sample type to grab. The most frequent sampling frequency requirement is weekly.*

### **Comment A-1-18**

ST0004502 Permit, Page 11, Special Condition S2.B, Table.

Because bis(2-ethylhexyl) phthalate is a grab sample, the sampling frequency should be 5/month. The grab sampling frequency should be consistent for all parameters collected with a grab sample. NOTE – this error was in the previous permit.

For bis(2-ethylhexyl) phthalate, change sampling frequency from, “Weekly” to “5/month”.

### ***Response to A-1-18***

*Ecology will revise this language as requested.*

### **Comment A-1-19**

ST0004502 Permit, Pages 11, Special Condition S2.B, Table.

Volatile organic analysis (VOA) can be performed using SW-846 8260 as well as EPA 624.1. The methods are essentially the same.

This is similar to bis(2-ethylhexyl) phthalate in the table, which specifies both methods for Semi-VOA (i.e., SW-846 8270 or EPA 625) to provide more flexibility.

For the following parameters change the method from “EPA 624.1” to “SW-846 8260 or EPA 624.1”: Total trihalomethanes Carbon tetrachloride Chloroform Methylene chloride

#### ***Response to A-1-19***

*SW-846 methods are generally not appropriate for use in analysis of non-potable wastewaters except in special cases (usually when a Clean Water Act approved method does not exist for a given parameter).*

*Ecology will also remove the method from Bis-2 phthalate, and update to EPA 625.1.*

*Ecology will also remove the method from any other parameter that specifies both a CWA method and SW-846 method which include gross alpha, gross beta and conductivity.*

### **Comment A-1-20**

ST0004502 Permit, Page 11, Special Condition S2.B, Table.

The GWQS is for Chromium (total) not Hexavalent Chromium. Sampling for Hexavalent Chromium is not needed and could result in misleading or contradictory results because Chromium concentrations in the 200 Area TEDF discharge are below the PQL. The BAT/AKART discharges yielded a maximum Chromium discharge of 7.12 µg/L (See proposed ST0004502 Fact Sheet Table 2). The Chromium PQL value was informally reported as 10 µg/L3 . Within ECF-HANFORD-18-0058, the PQL for Chromium is 10.5 µg/L, and the PQL for Hexavalent Chromium is 10.5 µg/L 4 . \

Remove the weekly Hexavalent Chromium sampling requirement.

#### ***Response to A-1-20***

*Ecology determined the sampling and analysis requirement for this parameter is necessary due to the potential for hexavalent chromium to increase as a percentage of total chromium over time. Hexavalent chromium is a more toxic form of chromium that is associated with industrial processes. A significant increase in the ratio of hexavalent chromium over time would indicate increased degradation of groundwater and may lead to Ecology re-evaluating the effluent limit for chromium.*

*The permittee may request to remove hexavalent chromium sampling from the permit after two years of samples showing that the hexavalent chromium sampling is less than the PQL.*

### **Comment A-1-21**

ST0004502 Permit, Page 11, Special Condition S2.B, Table, Footnote d, 1st Sentence.

The text reads: "Composite sample means a series of individual samples collected over a 24-hour period into a single container, and analyzed as one sample."

See Comment 15, ST0004502 Permit, Page 10, Special Condition S2.A, Table, Footnote d, 1st Sentence.

Please revise to read: "24-hour composite means a series of individual samples collected over a 24-hour period and analyzed as one sample."

### ***Response to A-1-21***

*The permittees method for composite sampling is acceptable; however, this is an already established definition for composite sampling. Ecology will retain this definition, but clarify in the Fact Sheet that Ecology considers the permittees specified method acceptable.*

### **Comment A-1-22**

ST0004502 Permit, Page 11, Special Condition S2.B, Table, Footnote d, 2nd Sentence.

The text reads: "If the collection of flow-composited samples is not possible, due to low flow at the discharge (<50 gpm), a manual composite of 4 grab samples collected over one working day may be substituted for composite samples." There are operational, logistical, and data quality constraints associated with the proposed change for manually collecting a composite of four grab samples collected over one working day. See Comment 16, ST0004502 Permit, Page 10, Special Condition S2.A, Table, Footnote d, 2 nd Sentence.

Please revise to read: "If the composite sampling pump will not operate continuously for 24 hours due to low flow (<50 gpm), power failure, unanticipated equipment repair or maintenance, a grab sample may be used in place of a composite sample for all parameters that normally require a composite sample."

### ***Response to A-1-22***

*Ecology will not revise. The constraints surrounding the requirement to perform an 8-hr manual composite as an alternative to the 24 hour composite sampler are not significant enough to merit altering the sample type to grab. The most frequent sampling frequency requirement is weekly.*

### **Comment A-1-23**

ST0004502 Permit, Page 12, Special Condition S2.D, Item 3.

The text reads: "Calibrate continuous monitoring instruments monthly unless it can demonstrate a longer period is sufficient based on monitoring records." The requirements written within the subject Item cannot be achieved as written. There are three continuous monitoring devices (i.e., conductivity meter, pH meter, and flow meter). Only the conductivity meter and the pH meter are calibrated monthly. The flow meter is calibrated annually.

Please revise to read: "Calibrate the conductivity and pH continuous monitoring devices monthly and the flow monitoring device annually unless it can demonstrate a longer period is sufficient based on monitoring records."

### ***Response to A-1-23***

*This calibration frequency for flow is included in the updated WQ permit shells. Ecology will revise item 3 to read: "Calibrate the conductivity and pH continuous monitoring devices monthly unless it can demonstrate a longer period is sufficient based on monitoring records"*

*And revise item 6 to read: "Calibrate flow monitoring devices at a minimum frequency of at least one calibration per year."*

### **Comment A-1-24**

ST0004502 Permit, Page 12, Special Condition S2.D, Item 3a. Delete in its entirety.

The text reads: "a. Must calibrate continuous pH measurement instruments following manufacturer's recommendations." The ST0004502 renewal application provided data that demonstrated the conductivity and pH continuous monitoring devices could be calibrated monthly.

Delete in its entirety.

### ***Response to A-1-24***

*Special Condition S2.D, item 3a. is not referring to the frequency of calibrations, but how calibrations are performed. Ecology will revise language to:*

*"a. Must calibrate continuous pH measurement instruments following best engineering practices"*

### **Comment A-1-25**

ST0004502 Permit, Page 12, Special Condition S2.D, Item 5.

The text reads: "Establish a calibration frequency for each device or instrument in the O&M Manual that conforms to the frequency recommended by the manufacturer." The requirements written within the subject item cannot be achieved as written. The ST0004502 renewal application provided data that demonstrated the continuous monitoring devices for conductivity and pH could be calibrated monthly. The flow monitoring device is calibrated annually using best engineering practices. The manufacturer of the flow monitoring device did not recommend a calibration frequency.

Please revise to read: "Establish a calibration frequency for each device or instrument in the O&M manual that conforms to the frequency recommended by the manufacturer or best engineering practices."

### ***Response to A-1-25***

*Special Condition S2.D, item 3a. is not referring to the frequency of calibrations, but how calibrations are performed.*

### **Comment A-1-26**

ST0004502 Permit, Page 12, Special Condition S2.D, Item 6.

The text reads: “Calibrate flow monitoring devices based on manufacturer’s specified frequency.” The manufacturer of the flow monitoring device did not recommend a calibration frequency. Best engineering practices were applied, and the flow monitoring device is calibrated annually.

Please revise to read: “Calibrate flow monitoring devices based upon manufacturer’s specified frequency or best engineering practices.”

***Response to A-1-26***

*Special Condition S2.D, item 3a. is not referring to the frequency of calibrations, but how calibrations are performed.*

**Comment A-1-27**

ST0004502 Permit, Page 13, Special Condition S3A, Item 3.

The method specified for reporting less than the DL does not match the electronic DMR format. The electronic DMRs do not use the “<” but instead the “B” qualifier. NOTE – this was incorrect in the original permit, but that permit gave the option of manually submitting DMRs.

Please revise the first sentence of Item 3 to read: “Report single analytical values below detection as “less than the detection level (DL)” by entering a B qualifier followed by the numeric value of the detection level (e.g., B 2.0) on the DMR.”

***Response to A-1-27***

*Ecology understands that the language was sufficient as written, under the assumption that DMRs could be manually submitted. Because this permit will not give the option of manually submitted DMRs, the revised language is acceptable.*

**Comment A-1-28**

ST0004502 Permit, Pages 13, Special Condition S3A, Item 3.

The method specified for reporting between the DL and the QL does not match the electronic DMR format. Note that on the DMRs, the J qualifier precedes the result value. Please confirm whether the reporting of J qualifier is required. Reporting the J qualifier provides clarification to compliance determinations because an enforcement action cannot be taken on analytical results lower than the PQL. An analytical result with a J qualifier is below the PQL.

If the reporting J qualifier is required within Special Condition S3.A, add the following: “Report single analytical values between the detection and quantitation levels with qualifier code of J preceding the value.”

***Response to A-1-28***

*Ecology understands that the language was sufficient as written, under the assumption that DMRs could be manually submitted. Because this permit will not give the option of manually submitted DMRs, the revised language is acceptable.*

### **Comment A-1-29**

ST0004502 Permit, Page 15, Special Condition S3.F, a. Immediate Reporting, Item 2.

The requirement reads: "The Permittee must immediately report to Ecology and the Department of Health, Drinking Water Program (at the numbers listed below), all overflows or leaks of transmission pipelines that discharge to a waterbody used as a source of drinking or irrigation water. Nuclear Waste Program (509) 372-7950 Department of Health (800) 521-0323 (business hours) Drinking Water Program (877) 481-4901 (after business hours)" The formatted spacing between the lines that listed the Department of Health and the Drinking Water Program appeared to present each line as a distinct and separate entity.

Please add the following sentence: "In cases where the Nuclear Waste Program and the Department of Health cannot be reached within 24 hours (e.g., over a weekend), a voice mail message may be left."

Please provide clarity that the Department of Health and the Drinking Water Program are the same entity. The phone number (877) 481-4901 is the "Drinking Water After-Hours Emergency Hotline" for the Department of Health.

#### ***Response to A-1-29***

*Ecology will add the sentence "In cases where the Nuclear Waste Program and the Department of Health cannot be reached within 24 hours (e.g., over a weekend), the Permittee must leave a voicemail message." We will also clarify that the Department of Health and the Drinking Water Program are the same entity.*

### **Comment A-1-30**

ST0004502 Permit, Page 15, Special Condition S3.F, b. Twenty-four-hour reporting.

The requirement is, "The Permittee must report the following occurrences of noncompliance by telephone, to the Ecology Water Quality Permit Coordinator at (509) 372-7950, within 24 hours from the time the Permittee becomes aware of any of the following circumstances." Unfortunately, this requirement cannot be met as stated when Ecology cannot be reached.

Please add the following sentence: "A voice mail message completes the reporting requirement."

#### ***Response to A-1-30***

*The language proposed for in the ST4500 and ST4511 applications state "The Permittee must report the following occurrences of noncompliance by telephone, to the Ecology Water Quality Permit Coordinator at (509) 372-7950, within 24 hours from the time the Permittee becomes aware of any of the following circumstances, leaving a voicemail if necessary."*

*Ecology will revise the sentence as shown above.*

### **Comment A-1-31**

ST0004502 Permit, Page 15, Special Condition S3.F, b. Twenty-Four-Hour Reporting, Item 5.

Any overflow requires immediate reporting as described in Special Conditions S3.F.a and S4.B. Additionally, the 200 Area TEDF has no treatment making Item 5 not applicable.

Please delete Item 5 in its entirety and renumber the subsequent items.

***Response to A-1-31***

*Ecology will retain this template language. The Fact Sheet clarifies that the 200 Area TEDF has no treatment capability.*

**Comment A-1-32**

ST0004502 Permit, Page 15, Special Condition S3.F, b. Twenty-Four-Hour Reporting, Item 6a.

There is a typographical error within the subject page, section, item. The word “water” was missing from the sentence. It reads: “Discharges from normal operation of the air vacuum relief valves are not considered to be a break or failure in the pipeline if there is no free-standing surface or any ponding within the vault created by the discharge. These minor discharges are exempt from notification requirements.”

Please revise to read: “Discharges from normal operation of the air vacuum relief valves are not considered to be a break or failure in the pipeline if there is no free-standing surface water or any ponding within the vault created by the discharge. These minor discharges are exempt from notification requirements.”

***Response to A-1-32***

*Ecology will revise this language as requested.*

**Comment A-1-33**

ST0004502 Permit, Page 16, Special Condition S3.F, d. Waiver of Written Reports.

Typographical error within the subject page, section, sentence. The requirement relates to Subpart c, not Subpart b. It reads: “Ecology may waive the written report required in Subpart b, above, on a case-by-case basis upon request if the Permittee has submitted a timely oral report.”

Please revise to read: “Ecology may waive the written report required in Subpart c, above, on a case-by-case basis upon request if the Permittee has submitted a timely oral report.”

***Response to A-1-33***

*Ecology will revise this language as requested.*

**Comment A-1-34**

ST0004502 Permit, Page 16, Special Condition S4, 2nd Sentence.

The text reads: “Proper operation and maintenance also includes keeping a daily operation logbook (paper or electronic), adequate laboratory controls and appropriate quality assurance procedures.”

The facility does not keep a daily operation logbook of operation & maintenance activities specifically for the 200 Area TEDF. Operations are performed using approved procedures and do not require logbook entries. If maintenance is performed, it will be done under a work package which is considered a work record.

Please revise the second sentence to read: "Proper operation and maintenance also includes keeping a work record (paper or electronic), adequate laboratory controls, and appropriate quality assurance procedures."

***Response to A-1-34***

*Ecology will retain this template language. Ecology will clarify in the Fact Sheet that work records as described in your comment are equivalent to the daily operation logbook.*

**Comment A-1-35**

ST0004502 Permit, Page 17, Special Condition S4.A, a. Operations and Maintenance Manual Submittal and Requirements, Item 3.

The text reads: "Keep the approved O&M Manual at Building 6653 (TEDF Sample Station)."

The 200 Area TEDF is monitored and controlled in the 200 Area Effluent Treatment Facility, not in Building 6653. The O&M manual is actually a matrix of all the documents used to manage the 200 Area TEDF. These documents are accessed through Hanford intranet. In order to retrieve procedures, maintenance schedules, etc., a computer is required. There is no computer connection at Building 6653. Documents are accessed at the 200 Area Effluent Treatment Facility (2025E Control Room).

Change Item 3 to read: "Keep the approved O&M Manual at the 200 Area Effluent Treatment Facility (2025E Control Room)."

***Response to A-1-35***

*Ecology will revise this language as requested.*

**Comment A-1-36**

ST0004502 Permit, Page 17, Special Condition S4.B Bypass Procedures.

The condition title reads: "Bypass Procedures." This permit condition regulates the overflow into the C lobe of the 216-B-3 Pond Complex and other bypass scenarios.

Please revise the special condition title to read "Overflow and Bypass Procedures."

***Response to A-1-36***

*Ecology will retain this template language.*

**Comment A-1-37**

ST0004502 Permit, Page 17, Special Condition S4.B Bypass Procedures, 1st Paragraph.

The text reads: "This Permit prohibits a bypass, which is the intentional diversion of waste streams from any portion of a treatment facility. The Permittee must immediately notify

Ecology of any line break, overflow, or bypass from any portion of the system.” Line breaks are addressed in Special Condition S3.F.a. Additionally, the 200 Area TEDF is not a treatment facility.

Please revise to read: “This Permit prohibits a bypass, which is the intentional diversion of waste streams from any portion of the facility. The Permittee must immediately notify Ecology of an overflow or bypass from any portion of the system.”

***Response to A-1-37***

*Inclusion of this sentence in S4.B was an error, as the same exact sentence is in S3.F.a. Ecology will delete this sentence in S4.B*

**Comment A-1-38**

ST0004502 Permit, Page 19, Special Condition S5.A.

The sentence in Special Condition S5.A has a typographical error. The text reads: “The Permittee must handle and dispose of all solid waste material in such a manner as to prevent its entry into state ground or surface water.” Groundwater is one word.

Please revise to read: “The Permittee must handle and dispose of all solid waste material in such a manner as to prevent its entry into state groundwater or surface water.”

***Response to A-1-38***

*Ecology will revise this language as requested.*

**Comment A-1-39**

ST0004502 Permit, Page 20, Special Condition S5.C.

The condition reads: “The Permittee is required to maintain a solid waste control plan and must submit all proposed revisions or modifications to the solid waste control plan to Ecology for review and approval at least 30 days prior to implementation. The Permittee must comply with the approved solid waste control plan and any modifications once approved.” DOE maintains its plans and submits them to Ecology. The solid waste control plan will state waste is segregated and managed per regulatory requirements.

Please revise to read: “The Permittee is required to maintain a solid waste control plan and must submit all revisions or modifications to the solid waste control plan to Ecology.”

***Response to A-1-39***

*Ecology will clarify in the Fact Sheet the process for Ecology review and approval of the Solid Waste Control Plan.*

*Ecology will revise section V.C Solid Waste Control Plan, to include sentence at the end stating: "The Ecology review and approval requirement in Special Condition S5.C will consist of Ecology reviewing modifications and updates to ensure they meet the minimum requirements described in Ecology Publication #07-10-024 and that the procedures for minimizing impacts to the 200 Area TEDF are protective of waters of the state."*

#### **Comment A-1-40**

ST0004502 Permit, Page 20, Special Condition S7.A.

The capacity of the 200 Area TEDF is 8.712 million gallons per day (MGD). The design capacity for the 200 Area TEDF is based on the operation of paired basins with infiltration rates of 20 gallons per day per square foot (gpf2 ) 5 . Each 5-acre infiltration basin has 217,800 square feet with an infiltration rate of 20 gdf2 for a total capacity of 4.356 MGD. Collectively, both 200 Area TEDF basins can infiltrate 8.712 MGD.

Please communicate the design capacity for the 200 Area TEDF is 8.712 MGD.

#### ***Response to A-1-40***

*Ecology agrees and will increase Permit and Fact Sheet design Capacity to 8.712 MGD, and maintain the permitted flow limit at 5.5 MGD in the permit effluent limit table.*

#### **Comment A-1-41**

ST0004502 Permit, Page 20, Special Condition S7.A.

The average yearly flowrate of 1.7 MGD cannot support the forecasted operations at the Hanford Site during the next permit cycle. The 200 Area TEDF average yearly flow needs to be increased to 2.3 MGD as requested in 2016 ST0004502 renewal application6 .

Please set the average yearly flow to 2.3 MGD.

#### ***Response to A-1-41***

*Ecology will increase Permit and Fact Sheet design capacity to 2.3 MGD.*

#### **Comment A-1-42**

ST0004502 Permit, Page 20, Special Condition S7.A.

Please retain the definitions for average monthly flow and average yearly flow as Ecology defined in the current ST0004502 permit. The draft permit redacted the definition of Ecology's terminology. Average monthly flow and average yearly flow are Ecology-derived terms within this permit that are not defined in WAC 173-216.

Please add the following to the subject condition: "The average monthly flow is defined as the highest allowable average of the daily discharges over a calendar month, calculated as the total gallons discharged during a calendar month, divided by the number of days in that month. The average yearly flow is defined as the highest allowable average of the daily discharges over a calendar year, calculated as the total gallons discharged during a calendar year, divided by the number of days in that year."

#### ***Response to A-1-42***

*Ecology will revise this language as requested.*

### **Comment A-1-43**

ST0004502 Permit, Page 21, Special Condition S9, 1st Paragraph, 1st Sentence.

The text reads: “A variability study is required whenever there is a Significant New Source of Discharge to the 200 Area TEDF, which may not be fully characterized through sample analysis or process knowledge and may have a measurable impact on the 200 Area TEDF effluent.”

Please consistently use the term “effluent variability study.” This language matches up with Section S2.B, Effluent Variability Study Monitoring.

Please revise the text to read: “An effluent variability study is required whenever there is a Significant New Source of Discharge to the 200 Area TEDF, which may not be fully characterized through sample analysis or process knowledge and may have a measurable impact on the 200 Area TEDF effluent.”

### ***Response to A-1-43***

*Ecology will revise this language as requested.*

### **Comment A-1-44**

ST0004502 Permit, Page 21, Special Condition S9, 2nd Paragraph, 1st Sentence.

The text reads: “The Permittee must conduct the variability study in at least two seasonal phases (winter and summer) during initial testing and the first year of operational discharges to the 200 Area TEDF.” Please consistently use the term “effluent variability study.” This language matches up with Section S2.B, Effluent Variability Study Monitoring.

Please revised the topic of the second paragraph to read: “The Permittee must conduct the effluent variability study in at least two seasonal phases (winter and summer) during initial testing and the first year of operational discharges to the 200 Area TEDF.”

### ***Response to A-1-44***

*Ecology will revise this language as requested.*

### **Comment A-1-45**

ST0004502 Permit, Page 21, Special Condition S9, 4th Paragraph.

The text reads: “The Permittee must report the monitoring results for any Significant New Source Discharge quarterly on DMRs. It must provide a final summary report with the results of the evaluation and any relevant or new information or recommendations to Ecology within one year of completion of the study. The Permittee may apply to Ecology for a permit modification if the results of the quarterly reporting of monitoring results and/or study provide new information, which it was not aware of when it submitted the original application.”

The topic sentence of the 4th paragraph needs to present Ecology’s receipt of notification for a significant new source discharge and the revised “200 Area Treated Effluent Disposal Facility (TEDF) Effluent Sampling and Analysis Plan for Variability Studies” on October 28, 2019 (WRPS-1904241). The previous three paragraphs describe the requirements for the effluent variability study sampling and analysis plan.

Revise the text to read: “Ecology received the notification of a significant new source discharge and the revised “200 Area Treated Effluent Disposal Facility (TEDF) Effluent Sampling and Analysis Plan for Variability Studies” on October 28, 2019, as required by the 2012 ST0004502 permit. The Permittee must report the monitoring results for any significant new source discharge quarterly on DMRs. It must provide a final summary report with the results of the evaluation and any relevant or new information or recommendations to Ecology within one year of completion of the study. The Permittee may apply to Ecology for a permit modification if the results of the quarterly reporting of monitoring results and/or study provide new information, which it was not aware of when it submitted the original application.”

***Response to A-1-45***

*Ecology will revise this language as requested.*

**Comment A-1-46**

ST0004502 Permit, Page 21, Special Condition S9, 5th Paragraph.

Typographical error in the last paragraph. The text reads: “If upon study completion the Permittee believes the monitoring program requirements as required in Permit Special Condition S9 are unnecessarily redundant or too extensive, the Permittee may make a written request to Ecology to reduce the monitoring requirements as per Special Condition S2.G.”

There is no Special Condition S2.G within the draft ST0004502 permit.

Please revise to read: “If upon study completion the Permittee believes the monitoring program requirements as required in Permit Special Condition S9 are unnecessarily redundant or too extensive, the Permittee may make a written request to Ecology to reduce the monitoring requirements as per Special Condition S2.F.”

***Response to A-1-46***

*Ecology will revise this language as requested.*

**Comment A-1-47**

ST0004502 Permit, Page 21-22, Special Condition S9.A.

The text reads: “Ecology received the Waste Treatment Plant Sampling and Analysis Plan and Statistical Evaluation Plan on February 27, 2013 required by the 2012 ST0004502 permit renewal. This document was a one-time deliverable but does not preclude the Permittee from conducting an Effluent Variability Study for additional Significant New Source Discharges, as outlined above.

The Permittee must conduct the WTP variability study in at least two seasonal phases (winter and summer) during initial testing and the first year of WTP operational discharges to TEDF. In developing the study plan, the Permittee must also consider any facility operational changes that might contribute to waste stream variability. The Permittee must conduct the study during initial testing and for one year or as long as needed to evaluate all WTP significant discharges to TEDF.”

Ecology received a revised effluent variability study sampling and analysis plan on October 28, 2019, via letter WRPS-1904241. This document clarified when the effluent variability studies would be initiated for new source discharges, the WTP facility, and the 283WR Water Treatment Facility (also known as the Central Plateau Water Treatment Facility).

Additionally, please consistently use the term “effluent variability study.” This language matches up with Section S2.B, Effluent Variability Study Monitoring.

Please revise text to read: “Ecology received the revised “200 Area Treated Effluent Disposal Facility (TEDF) Effluent Sampling and Analysis Plan for Variability Studies” on October 28, 2019, as required by the 2012 ST0004502 permit. The Permittee must conduct the WTP effluent variability study in at least two seasonal phases (winter and summer) during initial testing and the first year of WTP operational discharges to TEDF. In developing the study plan, the Permittee must also consider any facility operational changes that might contribute to effluent variability. The Permittee must conduct the study during initial testing and for one year or as long as needed to evaluate all WTP significant discharges to the 200 Area TEDF.”

***Response to A-1-47***

*Ecology will revise this language as requested.*

**Comment A-1-48**

ST0004502 Fact Sheet, Page 2, 2nd Bullet.

The text reads: “A reduction in calibration frequency of continuous monitoring devices at the 200 Area TEDF from weekly to monthly.” There are three continuous monitoring devices: (1) conductivity meter, (2) pH meter, and (3) flow meter. The conductivity and pH meters are calibrated monthly. The flow meter is calibrated annually using best engineering practices. Because the language combines all three devices, the bullet is incorrect.

Please revise to read: “A reduction in calibration frequency of conductivity and pH monitoring devices at the 200 Area TEDF from weekly to monthly.”

***Response to A-1-48***

*Ecology will revise this language as requested.*

**Comment A-1-49**

ST0004502 Fact Sheet, Page 2, New Bullet.

To the list of bullets, please add a bullet to document the flow meter is calibrated annually using best engineering practices.

The new bullet is added due to the separation of continuous monitoring devices requested in Comment 47, ST0004502 Fact Sheet, Page 2, 2 nd Bullet. The new bullet would read: “The establishment of an annual calibration frequency for the flow meter at the 200 Area TEDF using best engineering practices.”

### ***Response to A-1-49***

*The previous permit included an annual calibration frequency for flow monitoring devices, therefore new frequency is not being established. Ecology will include the following bullet: "The calibration frequency for the flow meter at the 200 Area TEDF is maintained at the annual frequency from the previous permit, which was established using best engineering practices and flow monitoring records."*

### **Comment A-1-50**

ST0004502 Fact Sheet, Page 2, 4 th Bullet.

The following bullet that reads, "A reduction in the average monthly effluent limit for arsenic (total) from 15 µg/L to 8 µg/L, aligning the limit with Hanford Site background groundwater levels for arsenic," does not align with Ecology Publication, 96-02, "Implementation Guidance for the Groundwater Quality Standards."

Section 6.3.3 of Ecology Publication, 96-02, states "Background water quality is statistically defined as the 95 percent upper tolerance interval with a 95% confidence." The effluent limit of 8 µg/L aligns with the 90th percentile background concentration for Arsenic (DOE/RL-96-61).

Please revise the bullet to read, "A reduction in the average monthly effluent limit for arsenic (total) from 15 µg/L to 8 µg/L, aligning the limit with Hanford Site 90 th percentile background groundwater level."

### ***Response to A-1-50***

*Ecology will revise the bullet to specify 95th percentile background groundwater level.*

### **Comment A-1-51**

ST0004502 Fact Sheet, Page 2, 5 th Bullet.

The bullet reads: "A reduction in the average monthly effluent limit for cadmium (total) from 5 µg/L to 0.9 µg/L, aligning the limit with Hanford Site background groundwater levels for cadmium."

The operations of WTP and other Hanford Site cleanup efforts will be non-compliant with the reduced effluent limit.

Ecology appears to have set the Cadmium effluent limit at the 90th percentile groundwater background concentration, which was reported as 0.916 µg/L (DOE/RL-96-61). The WTP BAT/AKART Addendum #3 (11-EMD-0040) technology-based effluent concentration for Cadmium is 3 µg/L. The Groundwater Quality Standard for Cadmium is 10 µg/L (WAC 173-200-040).

Revise the bullet to read: "An increase in the average monthly effluent limit for Cadmium (total) from 5 µg/L to 10 µg/L, aligning the limit with Groundwater Quality Standard."

### ***Response to A-1-51***

*Ecology will clarify in the permit that the enforcement limit of Arsenic cannot be lower than the PQL value.*

*Additionally, Ecology will set the effluent limits at the Hanford Site 95th percentile groundwater background concentration as published in DOE/RL-96-61, Rev. 0, Hanford Site Background: Part 3, Groundwater Background, U.S. Department of Energy, Richland Operations Office, Richland, Washington.*

*S1.A Arsenic revised to: 12 µg/l*

*S1.A footnote c revised to: Effluent limit is based off of the Hanford Site 95th percentile background groundwater concentration.*

*S1.A footnote e added: When the reported PQL exceeds the effluent limit, the parameter is enforced at the PQL.*

### **Comment A-1-52**

ST0004502 Fact Sheet, Page 2, 6 th Bullet.

The bullet reads: “A reduction in the average monthly limit for chromium (total) from 20 µg/L to 2.4 µg/L, aligning the limit with Hanford Site background groundwater levels for chromium.”

The operations of WTP and other Hanford Site cleanup efforts will be non-compliant with the reduced effluent limit.

DOE is confused as to why Ecology chose not to acknowledge the 16 µg/L technology-based effluent concentration for Chromium within WTP BAT/AKART Addendum #3 (11-EMD-0040), while at the same time, applied the technology-based data with WTP BAT/AKART Addendum #3 to set the effluent limits for Chloride and Nitrate in the ST0004502 permit.

Delete the bullet and maintain the average monthly limit for Chromium (total) at 20 µg/L.

### ***Response to A-1-52***

*Ecology will not increase the Chromium effluent limit to 20 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Chromium at 16µg/L –*

*S1.A Chromium: Average monthly revised to 16 µg/L*

*S1.A Chromium: added footnote d "Effluent limit set between the 95th percentile Hanford Site background groundwater concentration and the Ground Water Quality Criteria at the concentration listed in the WTP BAT/AKART Addendum #3 (11-EMD-0040)."*

### **Comment A-1-53**

ST0004502 Fact Sheet, Page 2, 7 th Bullet.

The bullet reads: “A reduction in the average monthly effluent limit for lead from 10 µg/L to 0.9 µg/L, aligning the limit with Hanford Site background groundwater levels for lead.”

The operations of WTP and other Hanford Site cleanup efforts will be non-compliant with the reduced effluent limit.

DOE is confused as to why Ecology chose not to acknowledge the 6 µg/L technology-based effluent concentration for Lead within WTP BAT/AKART Addendum #3 (11-EMD-0040), while at the same time, applied the technology-based data with WTP BAT/AKART Addendum #3 to set the effluent limits for Chloride and Nitrate in the ST0004502 permit.

Delete the bullet and maintain the average monthly limit for Lead at 10 µg/L.

### ***Response to A-1-53***

*Ecology will not increase the Lead effluent limit to 10 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Lead at 6 µg/L.*

*Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.*

*Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.*

### **Comment A-1-54**

ST0004502 Fact Sheet, Page 2, 8 th Bullet.

The bullet reads: “Adding hexavalent chromium as a parameter to be monitored in the wastewater effluent.” Sampling for Hexavalent Chromium is unnecessary and could result in misleading or contradictory results because Chromium concentrations in the 200 Area TEDF discharge are below the PQL. The GWQS is for Chromium (total) not Hexavalent Chromium.

Delete the bullet.

### ***Response to A-1-54***

*Ecology determined the sampling and analysis requirement for this parameter is necessary due to the potential for hexavalent chromium to increase as a percentage of total chromium over time. Hexavalent chromium is a more toxic form of chromium that is associated with industrial processes. A significant increase in the ratio of hexavalent chromium over time would indicate increased degradation of groundwater and may lead to Ecology re-evaluating the effluent limit for chromium.*

*The permittee may request to remove hexavalent chromium sampling from the permit after two years of samples showing that the hexavalent chromium sampling is less than the PQL.*

### **Comment A-1-55**

ST0004502 Fact Sheet, Page 6, NAICS Code.

The appropriate NAICS Code for 200 Area TEDF is 924110, “Administration of Air and Water Resource and Solid Waste Management Programs.” The NAICS Code 924110 also cross-

references to the listed SIC Code 9511, “Air, Water, and Solid Waste Management.” The NAICS code 562910 does not crossreference to SIC Code 9511.

Revise the NAICS Code to 924110.

***Response to A-1-55***

*Ecology will revise the text as requested.*

**Comment A-1-56**

ST0004502 Fact Sheet, Page 10, 10th Bullet.

The bullet reads: “Miscellaneous Streams covered by State Waste Discharge permit ST0004511.” All words within “State Waste Discharge Permit ST0004511” should be capitalized.

Please revise the bullet to read, “Miscellaneous Streams covered by State Waste Discharge Permit ST0004511.”

***Response to A-1-56***

*Ecology will revise the text as requested.*

**Comment A-1-57**

ST0004502 Fact Sheet, Page 12, Industrial Process(s), Reverse Osmosis permeate bullet.

The bullet reads: “Reverse Osmosis permeate—this discharge to 200 Area TEDF will cease once WTP is operational.”

The WTP Reverse Osmosis permeate at the WTP Water Treatment Building needs to remain in the permit. There will be instances where permeate must accompany concentrate during routine operations. Minor sources of RO permeate discharges were presented in the Fact Sheet at Page 15, Waste Treatment and Immobilization Plant (WTP), 5th sentence that reads: “Other minor sources include reverse osmosis permeate, non-dangerous, non-radioactive wastewater from sumps, steam condensate, and boiler blowdown.”

This revision is consistent with WTP information presented on Page 15 of the Fact Sheet.

Revise the bullet to read: “Reverse Osmosis permeate.”

***Response to A-1-57***

*Ecology will revise the text as requested.*

**Comment A-1-58**

ST0004502 Fact Sheet, Page 12, 1st and 2nd Sentences.

The text reads: “To support the proposed addition of the 283-WR Water Treatment Facility, Ecology requested the Permittees prepare a BAT/AKART analysis evaluating the treatment options for minimizing disinfection byproducts (DBPs) in the effluent. The 283-WR Water Treatment Facility BAT/AKART analysis (HNF-ENG-64305, Rev. 0) describes the configuration options expected to minimize DBPs, as well as salts and total dissolved solids.”

Please remove the hyphens from “283-WR” to align with bullet that reads: “283WR Water Treatment Facility.”

Revise the text to read: “To support the proposed addition of the 283WR Water Treatment Facility, Ecology requested the Permittees prepare a BAT/AKART analysis evaluating the treatment options for minimizing disinfection byproducts (DBPs) in the effluent. The 283WR Water Treatment Facility BAT/AKART analysis (HNF-ENG64305, Rev. 0) describes the configuration options expected to minimize DBPs, as well as salts and total dissolved solids.”

***Response to A-1-58***

*Ecology will revise the text as requested.*

**Comment A-1-59**

ST0004502 Fact Sheet, Page 14, 283W Water Treatment Facility Complex, 1st Paragraph.

The text reads: “The 283-W Water Treatment Facility Complex includes the 283W Water Treatment Facility, the 283WR Water Treatment Facility and associated support facilities, including the 282W reservoirs, 282WC pump house, 283WA sanitary water tank, 283WE sludge lagoons, 283WB equalization basin, 283WC solid contact clarifier tank, 283WD recycle pump station, 283WF sample building, and 282WA water inlet house.”

Please remove the hyphen from “283-W” and include. “283WG sanitary water tank”

Revise text to read: “The 283W Water Treatment Facility Complex includes the 283W Water Treatment Facility, the 283WR Water Treatment Facility and associated support facilities, including the 282W reservoirs, 282WC pump house, 283WA sanitary water tank, 283WE sludge lagoons, 283WB equalization basin, 283WC solid contact clarifier tank, 283WD recycle pump station, 283WF sample building, 283WG sanitary water tank, and 282WA water inlet house.”

***Response to A-1-59***

*Ecology will revise the text as requested.*

**Comment A-1-60**

ST0004502 Fact Sheet, Page 15, 283W Water Treatment Facility Complex, 283E Water Treatment Facility Complex bullet

The text reads: “The 283E Water Treatment Facility Complex includes the 283E water filtration plant and associated support facilities, including the 282E raw water reservoir (overflow could potentially go to 200 Area TEDF), 282EA north water reservoir inlet house, 282EB south water reservoir inlet house, 282EC pump house, 283EA sanitary water tank, and 283EG sanitary water tank replacement. The 283E Water Treatment Facility provided filtered raw water to Hanford’s Central Plateau up to the year 2000. The facility currently provides clearwell and pumping functions. Online instrumentation requires continuous discharges. Discharges to the 200 Area TEDF system include raw water and sanitary wastewater.”

Please remove “replacement” from “283EG sanitary water tank replacement”

Revise the text to read: “The 283E Water Treatment Facility Complex includes the 283E water filtration plant and associated support facilities, including the 282E raw water reservoir (overflow could potentially go to 200 Area TEDF), 282EA north water reservoir inlet house, 282EB south water reservoir inlet house, 282EC pump house, 283EA sanitary water tank, and 283EG sanitary water tank. The 283E Water Treatment Facility provided filtered raw water to Hanford’s Central Plateau up to the year 2000. The facility currently provides clearwell and pumping functions. Online instrumentation requires continuous discharges. Discharges to the 200 Area TEDF system include raw water and sanitary wastewater.”

***Response to A-1-60***

*Ecology will revise the text as requested.*

**Comment A-1-61**

ST0004502 Fact Sheet, Page 14, 283WR Water Treatment Facility Complex, 1st Paragraph, 1st Sentence.

The text reads: “Construction of the 283-WR Water Treatment Facility is slated to begin in Fiscal Year 2022.”

Please remove the hyphen from “283-WR” to align with bullet that reads: “283WR Water Treatment Facility.”

Revise the text to read: “Construction of the 283WR Water Treatment Facility is slated to begin in Fiscal Year 2022.”

***Response to A-1-61***

*Ecology will revise the text as requested.*

**Comment A-1-62**

ST0004502 Fact Sheet, Page 15, Land Treatment and Distribution System (Infiltration Basins), 3rd Sentence.

The following sentence referenced the wrong document: “The infiltration systems are capable of handling the planned design flows per WHC-SD-W049H-ER-003, Revision 0, 200 Area Treated Effluent Disposal Facility (Project W-049H Wastewater Engineering).”

The Fact Sheet referenced the wrong document. WHC-SD-W049H-ER-003 provided the BAT/AKART for how the 200 Area TEDF would operate (i.e., source control with retention at several waste stream generation facilities that all discharge to a common location), not the planned design for the 200 Area TEDF.

The design capacity for 200 Area TEDF was presented within the TEDF Site Evaluation Report (WHC-SD-W049H-SE-004, Rev. 1, Site Evaluation Report – Site Screening, Evaluation, and Selection, Project W-049H, 200 Areas Treated Effluent Disposal Basin, Westinghouse Hanford Company, Richland, Washington). Within WHC-SD-W049H-SE-004, the infiltration rate for paired infiltration basins (such as the 200 Area TEDF) with cyclic operations is 20 gallons per day per square foot (pdf2 ). The cyclic operation of infiltration basins doubles the infiltration capacity because “... alternating wetting and drying cycles inhibit the growth of algae and

permit periodic removal of fine-grained siltation or precipitation products that, within a relatively short time, can appreciably reduce the infiltration rate due to clogging of the pore space in the bottom of the pond” (WHC -SD-W049HSE-004). WHC-SD-W049H-SE-004 also stated, “For designs that do not permit cyclic operation... an infiltration rate of 10 gdf2 is generally appropriate for facility sizing.”

The 200 Area TEDF was sized to two 5-acre infiltration basins (RPP-ENV-59398) with each infiltration basin having a capacity of 4,356,000 gallons (based on 20 pdf2 ) with cyclic operations or 8,712,000 gallons combined with cyclic operations.

Please delete the sentence: “The infiltration systems are capable of handling the planned design flows per WHC-SD-W049H-ER-003, Revision 0, 200 Area Treated Effluent Disposal Facility (Project W-049H Wastewater Engineering).”

Please replace the sentence with the following: “Each 5-acre infiltration basin has a capacity of 4,356,000 gallons per day. Collectively, the 200 Area TEDF has a capacity of 8,712,000 gallons per day.”

### ***Response to A-1-62***

*Ecology will increase Permit and Fact Sheet design Capacity to 8.712 MGD, and maintain the permitted flow limit at 5.5 MGD in the permit effluent limit table.*

### **Comment A-1-63**

ST0004502 Fact Sheet, Pages 17, 2nd Paragraph, 4th Sentence.

The text reads: “Water levels in the B Pond vicinity have not shown evidence of the 200 Area TEDF discharges entering the Unit A Gravels.”

To clarify which B Pond is the subject of the sentence, please reference “216-B-3 Pond”.

Please revise the sentence to read: “Water levels in the 216-B-3 Pond vicinity have not shown evidence of the 200 Area TEDF discharges entering the Unit A Gravels.”

### ***Response to A-1-63***

*Ecology will revise the text as requested.*

### **Comment A-1-64**

ST0004502 Fact Sheet, Pages 21-22, Tables 3-4.

Within the tables, there is inconsistent capitalization. Please capitalize all words within the Table 3 and Table 4 excepts those words that grammatically serve as articles and preposition unless those words are used to start the statement.

Capitalize the following words in Table 3: Maximum, Average, Effluent, Violation.

Capitalize the following words within Table 4: Support, Necessary, Required, Application.

### ***Response to A-1-64***

*Ecology will revise the text as requested.*

### **Comment A-1-65**

ST0004502 Fact Sheet, Pages 19-20, Table 2.

For consistency, please apply the same units for the same constituents throughout the Fact Sheet or present constituent concentrations in both mg/L and µg/L (e.g., 124 mg/L [124,000 µg/L]).

In Table 2, Chloride is listed in milligrams per liter (mg/L) while the other anions are listed as microgram per liter (µg/L). The other anions are Bromide, Fluoride, Chloride, Nitrate (as N), Nitrite (as N), Phosphate (as P), and Sulfate.

In Table 3, Nitrate (as N), Chloride, and Nitrite (as N) are listed in mg/L.

In Table 6, Chloride and Nitrate (as N) are listed in µg/L.

In Table 7, Chloride, Sulfate, and Nitrate (as N) are listed in mg/L.

For consistency, please apply the same units for the same constituents throughout the Fact Sheet or present constituent concentrations in both mg/L and µg/L (e.g., 124 mg/L [124,000 µg/L]).

### ***Response to A-1-65***

*Ecology will change units in mg/L to µg/L for all constituents in Table 2 of the Fact Sheet.*

### **Comment A-1-66**

ST0004502 Fact Sheet, Page 24, A. Design Criteria. 2nd Sentence.

The text reads: "Ecology approved design criteria for this facility's collection system and infiltration basins in the 200 Area Treated Effluent Disposal Facility Wastewater Engineering Report dated February 1992 by Westinghouse Hanford Company and the updated information from the WTP engineering study prepared in October 2003 by Bechtel National Inc."

The formal citation for the wastewater engineering report within the aforementioned statement is the following: WHC-SD-W049H-ER-003, Rev. 0, 200 Area Treated Effluent Disposal Facility (Project W049H) Wastewater Engineering Report, Westinghouse Hanford Company, Richland, Washington.

The design capacity for the 200 Area TEDF was presented within the TEDF Site Evaluation Report (WHC-SD-W049H-SE-004, Rev. 1, Site Evaluation Report – Site Screening, Evaluation, and Selection, Project W-049H, 200 Areas Treated Effluent Disposal Basin, Westinghouse Hanford Company, Richland, Washington).

Please delete the sentence: "Ecology approved design capacity for this facility's collection system and infiltration basins in the 200 Area Treated Effluent Disposal Facility Wastewater Engineering Report dated February 1992 by Westinghouse Hanford Company and the updated information from the WTP engineering study prepared in October 2003 by Bechtel National Inc."

Please replace the sentence with the following: "The 200 Area TEDF design capacity is documented in WHC-SD-W049H-SE-004, Rev. 1, Site Evaluation Report – Site Screening,

Evaluation, and Selection, Project W-049H, 200 Areas Treated Effluent Disposal Basin, Westinghouse Hanford Company, Richland, Washington. The design capacity for 200 Area TEDF is based on the operation of paired basins with infiltration rates of 20 gallons per day per square foot (gpf2 ). Each 5-acre infiltration basin has a capacity of 4,356,000 gallons per day. Collectively, the 200 Area TEDF has a capacity of 8,712,000 gallons per day. ”

### ***Response to A-1-66***

*Ecology will put the Permit and Fact Sheet through QA/QC review again before the next public comment period, and another time prior to issuing the final permit. Ecology will take an action to resolve any citation inconsistencies throughout the permit during QA/QC.*

### **Comment A-1-67**

ST0004502 Fact Sheet, Page 24, A. Design Criteria, Table 5.

Table 5 does not present the design capacity for the 200 Area TEDF. Please revise the table to communicate the “Design Capacity” for the 200 Area TEDF as 8.712 million gallons per day (MGD), the “Monthly Average Flow Effluent Limit” as 5.5 MGD, and the “Average Yearly Flow Effluent Limit” as 2.3 MGD.

Additionally, please note the definitions of Monthly Average Flow and Average Yearly Flow within Table 5. Ecology provided their definitions in the current ST0004502 permit as follows: “The average monthly flow is defined as the highest allowable average of the daily discharges over a calendar month, calculated as the total gallons discharged during a calendar month, divided by the number of days in that month. The average yearly flow is defined as the highest allowable average of the daily discharges over a calendar year, calculated as the total gallons discharged during a calendar year, divided by the number of days in that year.” There appears to be confusion between the forecasted discharges to the 200 Area TEDF in a permit cycle and the actual design capacity of the 200 Area TEDF. The actual design capacity for the 200 Area TEDF needs to be accurately presented in the Fact Sheet with the appropriate documentation referenced. Additionally, the Average Yearly Flow Effluent Limit needs to be increased to 2.3 MGD as requested within the 2016 ST0004502 renewal application<sup>7</sup> to support the Hanford Site cleanup efforts.

Please revise Table 5 to communicate the “Design Capacity” for the 200 Area TEDF as 8.712 MGD , the “Monthly Average Flow Effluent Limit” as 5.5 MGD, and the “Average Yearly Flow Effluent Limit” as 2.3 MGD. Additionally, please note the definitions of Monthly Average Flow and Average Yearly Flow within Table 5. Ecology provided their definitions in the current ST0004502 permit as follows: “The average monthly flow is defined as the highest allowable average of the daily discharges over a calendar month, calculated as the total gallons discharged during a calendar month, divided by the number of days in that month. The average yearly flow is defined as the highest allowable average of the daily discharges over a calendar year, calculated as the total gallons discharged during a calendar year, divided by the number of days in that year.”

## ***Response to A-1-67***

*Ecology agrees and will increase Permit and Fact Sheet design Capacity to 8.712 MGD, and maintain the permitted flow limit at 5.5 MGD in the permit effluent limit table.*

## **Comment A-1-68**

ST0004502 Fact Sheet, Page 24, B. Technology-Based Effluent Limits, 2nd Paragraph.

The second paragraph reads: "Ecology approved the engineering report titled 200 Area Treated Effluent Disposal Facility Wastewater Engineering Report (Engineering Report), dated February 1992, and prepared by the Westinghouse Hanford Company, in addition to the WTP BAT/AKART Engineering Study (BAT/AKART), dated October 2003."

The second paragraph needs to list the following seven (7) Ecology-approved design and BAT/AKART documents:

- (1) WHC-SD-W049H-SE-004, Rev. 1, Site Evaluation Report – Site Screening, Evaluation, and Selection, Project W-049H, 200 Areas Treated Effluent Disposal Basin, Westinghouse Hanford Company, Richland, Washington.
- (2) WHC-SD-W049H-ER-003, Rev. 0, 200 Area Treated Effluent Disposal Facility (Project W-049H) Wastewater Engineering Report, Westinghouse Hanford Company, Richland, Washington.
- (3) The WTP BAT/AKART within Hebdon, J., 2003, "Application for Renewal of State Waste Discharge Permit ST 4502 for the 200 Area Treated Effluent Disposal Facility," (Letter 04-RCA-0003, to K.A. Conaway, Ecology, October 8), U.S. Department of Energy, Richland Operations Office, Richland, Washington.
- (4) WTP BAT/AKART Addendum #1 within Hebdon, J., 2003, "Addendum to Best Available Technology/All Known, Available and Reasonable Treatments (BAT/AKART) Engineering Study," (Letter 04-RCA-0017, to K.A. Conaway, Ecology, November 14), U.S. Department of Energy, Richland Operations Office, Richland, Washington.
- (5) WTP BAT/AKART Addendum #2 within Klein, K.A., 2004, "Updated Information to – Addendum to Best Available Technology/All Known, Available and Reasonable Treatments (BAT/AKART) Engineering Study," (Letter 04-AMCP-0184, to K.A. Conaway, Ecology, March 15), U.S. Department of Energy, Richland Operations Office, Richland, Washington.
- (6) WTP BAT/AKART Addendum #3 within Corey, R, 2011, "Request for Approval to Discharge Waste Treatment and Immobilization Plant (WTP) Commissioning and Operational Discharges to the 200 Area Treated Effluent Disposal Facility (TEDF)," (Letter 11-EMD-0040, to J.A. Hedges, Ecology, March 17), U.S. Department of Energy, Richland Operations Office, Richland, Washington.
- (7) The BAT/AKART for the Central Plateau Water Treatment Facility within B.T Vance, 2019, "Submittal of Supplemental Documents for the State Waste Discharge Permit ST0004502 Renewal Application for the Treated Effluent Disposal Facility," (Letter 19-ECD-0050, to A.K. Smith, Ecology, December 12), U.S. Department of Energy, Richland Operations Office, Richland, Washington.

Currently, the paragraph only lists the WTP BAT/AKART in letter 04-RCA-0003 and WHC-SDW049H-ER-003.

Many of the reports are not listed, cited, referenced in Fact Sheet Section VII. References for Text and Appendices.

Please list the BAT/AKART and 200 Area TEDF design documentation within the subject paragraph to support the content within the ST0004502 Fact Sheet.

***Response to A-1-68***

*Ecology will put the Permit and Fact Sheet through QA/QC review again before the next public comment period, and another time prior to issuing the final permit. Ecology will take an action to resolve any citation inconsistencies throughout the permit during QA/QC. Ecology will include requested citations.*

**Comment A-1-69**

ST0004502 Fact Sheet, Page 25, Table 6.

Table 6 did not align the effluent limits with the draft permit, and the BAT/AKART data within WTP BAT/AKART Addendum #3 (11-EMD-0040) was not incorporated into Table 6 Technology-Based Effluent Limits.

Please revise the Table 6 effluent limits for Cadmium, Chromium, and Lead to the BAT/AKART or GWQS effluent concentrations. The BAT/AKART/GWQS effluent concentration for Cadmium is 10 µg/L. The BAT/AKART effluent concentration for Chromium is 20 µg/L. The BAT/AKART effluent concentration for Lead is 10 µg/L.

***Response to A-1-69***

*Ecology will not increase the Cadmium effluent limit to 10 µg/L. However, Ecology will set the effluent limits as close to background groundwater concentration as is reasonable based on AKART. Ecology will raise the Cadmium Effluent limit to the WTP BAT/AKART Addendum #3 limit of 3 µg/L.*

*Ecology will not increase the Chromium effluent limit to 20 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Chromium at 16 µg/L.*

*Ecology will not increase the Lead effluent limit to 10 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Lead at 6 µg/L.*

*Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.*

*Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the*

*groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.*

**Comment A-1-70**

ST0004502 Fact Sheet, Page 27, Table 7.

The parameter concentrations for constituents listed in the Fact Sheet are inconsistently presented in the units of mg/L and µg/L. Please revise Table 7 to list Groundwater Criteria in both mg/L and µg/L. Ecology has inconsistently presented data and limits for Nitrate, Nitrate, Manganese, Lead, Mercury, Chromium, Cadmium in the proposed permit and the Fact Sheet for Table 2, Table 3, Table 6, and Table 7. To improve understanding, please list the Groundwater Criteria in the same units used in the other tables.

Revise Table 7 to list Groundwater Criteria in both mg/L and µg/L.

***Response to A-1-70***

*Ecology will revise the text as requested.*

**Comment A-1-71**

ST0004502 Fact Sheet, Page 28, 1st Bullet.

The bullet reads: “Decrease in average monthly limit for bis (2-ethylhexyl) phthalate from 10 µg/L to 6 µg/L. This reduction aligns the limits with the suggested Quantitation Level (QL) provided in Appendix A, List of Pollutants with Analytical Methods, Detection Limits, and Quantitation Levels and is consistent with the Implementation Guidance for the Groundwater Quality Standards, Section 6.3.7.3.”

The Groundwater Quality Standard for bis(2-ethylhexyl) phthalate is 6 µg/L.

Additionally, there is no space in “bis(2-ethylhexyl).”

Revise sentence to read: “Decrease in average monthly limit for bis(2-ethylhexyl) phthalate from 10 µg/L to 6 µg/L. This reduction aligns the effluent limit with the Groundwater Quality Standard.

***Response to A-1-71***

*Ecology will revise the text as follows:*

*“Decrease in average monthly limit for bis (2-ethylhexyl) phthalate from 10 µg/L to 6 µg/L. This reduction aligns the effluent limit with the Groundwater Quality Standard limits with the suggested Quantitation Level (QL) provided in Appendix A, List of Pollutants with Analytical Methods, Detection Limits, and Quantitation Levels and is consistent with the Implementation Guidance for the Groundwater Quality Standards, Section 6.3.7.3.”*

**Comment A-1-72**

ST0004502 Fact Sheet, Page 28, 2nd Bullet.

The bullet reads: “Decrease in the average monthly effluent limit for arsenic (total) from 15 µg/L to 8 µg/L which aligns the limit more closely with the Hanford Site groundwater

background level and is consistent with Section 6.3.7.2 of the Implementation Guidance for the Groundwater Quality Standards.”

Please clarify that Ecology applied the Hanford Site 90th Percentile background concentration for Arsenic (DOE/RL-96-61).

Revise bullet to read: “Decrease in the average monthly effluent limit for arsenic (total) from 15 µg/L to 8 µg/L which aligns the limit more closely with the 90 th percentile background concentration. The BAT/AKART discharges to the 200 Area TEDF were summarized in the permit renewal application and the maximum Arsenic effluent concentration was below the decreased effluent limit.”

### ***Response to A-1-72***

*Ecology will clarify in the permit that the enforcement limit of Arsenic cannot be lower than the PQL value.*

*Additionally Ecology will set the effluent limits at the Hanford Site 95th percentile groundwater background concentration as published in DOE/RL-96-61, Rev. 0, Hanford Site Background: Part 3, Groundwater Background, U.S. Department of Energy, Richland Operations Office, Richland, Washington.*

*Ecology will revise bullet in this section to read:*

*"Decrease in the average monthly effluent limit for arsenic (total) from 15 µg /L to 12 µg /L which aligns the limit more closely with the Hanford Site groundwater background level and is consistent with Section 6.3.7.2 of the Implementation Guidance for the Groundwater Quality Standards. The BAT/AKART discharges to the 200 Area TEDF were summarized in the permit renewal application and the maximum Arsenic effluent concentration was below the decreased effluent limit."*

### **Comment A-1-73**

ST0004502 Fact Sheet, Page 28, 3rd Bullet.

The bullet reads: “Decrease in the average monthly effluent limit for cadmium (total) from 5 µg/L to 0.9 µg/L, aligning the limit with Hanford Site background groundwater levels for cadmium. This reduction aligns the permit limit with the suggested Quantitation Level (QL) provided in Appendix A, List of Pollutants with Analytical Methods, Detection Limits, and Quantitation Levels.”

The operations of WTP and other Hanford Site cleanup efforts will be non-compliant with the reduced effluent limit.

Cadmium has a technology-based effluent concentration of 3 µg/L within WTP BAT/AKART Addendum #3 (11-EMD-0040). The Groundwater Quality Standard for Cadmium is 10 µg/L.

Please revise to read: “Increased the average monthly effluent limit for Cadmium (total) from 5 µg/L to 10 µg/L, aligning the limit with the Groundwater Quality Standard and WTP BAT/AKART Addendum #3 (11-EMD-0040).”

### ***Response to A-1-73***

*Ecology will not increase the Cadmium effluent limit to 10 µg/L. However, Ecology will set the effluent limits as close to background groundwater concentration as is reasonable based on AKART. Ecology will raise the Cadmium Effluent limit to the WTP BAT/AKART Addendum #3 limit of 3 µg/L.*

*Ecology will revise this section to:*

*"Decrease in the average monthly effluent limit for cadmium (total) from 5 µg/L to 3 µg/L, which aligns the limit with the WTP BAT/AKART Addendum #3 (11-EMD-0040) and is consistent with the Implementation Guidance for the Groundwater Quality Standards, Section 6.3.7.7 and Figure 6.4."*

### **Comment A-1-74**

ST0004502 Fact Sheet, Page 28, 4 th Bullet.

The bullet reads: "Decrease in the average monthly limit for chromium (total) from 20 µg/L to 2.4 µg/L, aligning the limit with Hanford Site background groundwater levels for chromium."

The operations of WTP and other Hanford Site cleanup efforts will be non-compliant with the reduced effluent limit.

Chromium has a technology-based effluent concentration of 16 µg/L within WTP BAT/AKART Addendum #3 (11-EMD-0040). The Groundwater Quality Standard for Chromium is 50 µg/L. The current ST0004502 effluent limit for Chromium is 20 µg/L.

Delete the bullet and maintain the current ST0004502 effluent limit for Chromium.

### ***Response to A-1-74***

*Ecology will not increase the Chromium effluent limit to 20 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Chromium at 16µg/L.*

*Ecology will revise this section to:*

*"Decrease in the average monthly limit for chromium (total) from 20 µg/L to 16 µg/L, which aligns the limit with the WTP BAT/AKART Addendum #3 (11-EMD-0040) and is consistent with the Implementation Guidance for the Groundwater Quality Standards, Section 6.3.7.7 and Figure 6.4. Demonstration of overriding public interest has been presented in this Draft Permit."*

### **Comment A-1-75**

ST0004502 Fact Sheet, Page 28, 5 th Bullet.

The bullet reads: "Decrease in the average monthly effluent limit for lead from 10 µg/L to 0.9 µg/L, aligning the limit with Hanford Site background groundwater levels for lead."

The operations of WTP and other Hanford Site cleanup efforts will be non-compliant with the reduced effluent limit.

Lead has a technology-based effluent concentration of 6 µg/L within WTP BAT/AKART Addendum #3 (11-EMD-0040). The Groundwater Quality Standard for Lead is 50 µg/L. The current ST0004502 effluent limit for Lead is 10 µg/L.

Delete the bullet and maintain the current ST0004502 effluent limit for Lead.

***Response to A-1-75***

*Ecology will not increase the Lead effluent limit to 10 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Lead at 6 µg/L.*

*Ecology will revise this section to:*

*"Decrease in the average monthly effluent limit for lead from 10 µg/L to 6 µg/L, which aligns the limit with the WTP BAT/AKART Addendum #3 (11-EMD-0040) and is consistent with the Implementation Guidance for the Groundwater Quality Standards, Section 6.3.7.7 and Figure 6.4. Demonstration of overriding public interest has been presented in this Draft Permit."*

**Comment A-1-76**

ST0004502 Fact Sheet, Page 28, Table 8.

The proposed effluent limit for bis(2-ethylhexyl) phthalate is listed at "6 µg/L."

The effluent limit for bis(2-ethylhexyl) phthalate is based on the Groundwater Quality Standards (WAC 173-200-040) and the implementation of BAT/AKART. The groundwater criteria for bis(2-ethylhexyl) phthalate is 6 µg/L. The BAT/AKART discharges to the 200 Area TEDF were summarized in the permit renewal application and the maximum value did exceed the decreased effluent limit.

Additionally, hyphens are not needed in "Water Quality-Based".

For bis(2-ethylhexyl) phthalate, the Basis of Limit should read: "Water Quality Based."

***Response to A-1-76***

*Ecology will revise the text as requested.*

**Comment A-1-77**

ST0004502 Fact Sheet, Page 28, Table 8.

The proposed effluent limit for Cadmium is listed at "0.25 µg/L\*."

See previous comments regarding the proposed Cadmium effluent limit that disregarded the WTP BAT/AKART Addendum #3.

Revise the proposed effluent limit for Cadmium to 10 µg/L.

***Response to A-1-77***

*Ecology will not increase the Cadmium effluent limit to 10 µg/L. However, Ecology will set the effluent limits as close to background groundwater concentration as is reasonable based on*

AKART. Ecology will raise the Cadmium Effluent limit to the WTP BAT/AKART Addendum #3 limit of 3 µg/L.

Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.

Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.

### **Comment A-1-78**

ST0004502 Fact Sheet, Page 28, Table 8.

For carbon tetrachloride, the Basis for Limit reads “Water Quality Based.” The Basis for Limit needs to be revised to “Technology.” The BAT/AKART discharges to the 200 Area TEDF were summarized in the permit renewal application and the maximum value was below the 5 µg/L effluent limit (See proposed ST0004502 Fact Sheet, Table 2).

For carbon tetrachloride, the Basis of Limit should read: “Technology.”

### ***Response to A-1-78***

Ecology will revise the text as requested.

### **Comment A-1-79**

ST0004502 Fact Sheet, Page 29, Table 8.

The proposed effluent limit for Chromium is listed at “1 µg/L.”

The Chromium effluent limit listed in draft ST0004502 Special Condition S1.A was “2.4 µg/L”.

Revise the proposed effluent limit for Chromium (total) to 20 µg/L.

See previous comments regarding the proposed Chromium effluent limit that disregarded the WTP BAT/AKART Addendum #3.

Revise the proposed effluent limit for Chromium (total) to 20 µg/L.

### ***Response to A-1-79***

Ecology will not increase the Chromium effluent limit to 20 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Chromium at 16µg/L.

Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.

Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the

*groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.*

### **Comment A-1-80**

ST0004502 Fact Sheet, Page 29, Table 8.

The proposed effluent limit for Lead is listed at “0.5 µg/L.”

The Lead effluent limit list in draft ST0004502 Special Condition S1.A was “0.9 µg/L).

Revise the proposed effluent limit for Lead (total) to 10 µg/L.

See previous comments regarding the proposed Lead effluent limit that disregarded the WTP BAT/AKART Addendum #3.

Revise the proposed effluent limit for Lead (total) to 10 µg/L.

### ***Response to A-1-80***

*Ecology will not increase the Lead effluent limit to 10 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Lead at 6 µg/L.*

*Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.*

*Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.*

### **Comment A-1-81**

ST0004502 Fact Sheet, Page 29, Table 8.

There is an error in Table 8 regarding previous effluent limits for pH. The current ST0004502 permit does not have any effluent limits for pH described in ST0004502 Special Condition S1.A, Effluent Limits. The proposed minimum and maximum values for pH (or range) will result in numerous exceedances every month because pH is monitored continuously, and pH data are comprised of numerous instantaneous values that are not averaged. Compliance would be evaluated for each individual data point. Table 2 within the proposed ST0004502 Fact Sheet reported a minimum pH value of 6.0 and a maximum pH value of 10.1. The reporting of daily pH minimum and maximum values does not accurately characterize the discharge volumes because pH values are not averaged.

Please delete the table rows associated with pH in Table 8.

### ***Response to A-1-81***

*This is a GWQS and should be in the Permit. There are regulations which allow "excursions" outside of the daily min and max values when sampling continuously (40 CFR § 401.17).*

*Ecology will add bullet:*

*"Allowance of temporary excursions from the effluent limit for Iron above 300 µg/L and below 1,104 µg/L during planned outages of the Nonradioactive Liquid Waste Disposal System (NLD) for up to 4 weeks in length. These excursions are consistent with the Implementation Guidance for the Groundwater Quality Standards Section 6.3.7.2."*

### **Comment A-1-82**

ST0004502 Fact Sheet, Page 31, D. Nonroutine and Unanticipated Wastewater, 1st Paragraph, 2nd Sentence.

The following sentence is difficult to understand: "These wastes typically consist of waters used to pressure-test storage tanks, fire water systems, or of leaks from drinking water systems."

Please revise to read: "Examples of activities that generate nonroutine and unanticipated wastewater include pressure testing storage tanks, maintaining fire systems, and maintaining drinking water systems."

### ***Response to A-1-82***

*Ecology will revise the text as requested.*

### **Comment A-1-83**

ST0004502 Fact Sheet, Page 31, D. Nonroutine and Unanticipated Wastewater, 2nd Paragraph, 2nd Sentence.

Typographical error in the following sentence: "The facility must characterize these waste waters for pollutants and examine the opportunities for reuse." Wastewater is one word.

Please revise to read: "The facility must characterize these wastewaters for pollutants and examine the opportunities for reuse."

### ***Response to A-1-83***

*Ecology will revise the text as requested.*

### **Comment A-1-84**

ST0004502 Fact Sheet, Page 32, G. Effluent Variability Study, 1st bullet.

The bullet reads: "Collect weekly flow-composited samples for metals, anions, Total Dissolved Solids, and semi-volatile organics (if the collection of flow-composited samples isn't possible, it may collect grab samples)."

Semi-volatile organics cannot be collected via a flow composite sample and be compliant with the analytical method.

Please revise to read: “Collect weekly flow-composited samples for metals, anions, and Total Dissolved Solids (if the collection of flow-composited samples isn’t possible, it may collect grab samples).”

***Response to A-1-84***

*Ecology will revise the text as requested.*

**Comment A-1-85**

ST0004502 Fact Sheet, Page 32, G. Effluent Variability Study, 2 nd bullet.

The bullet reads: “Collect five random grab samples per month and analyze for volatile organics and oil and grease.”

Semi-volatile organics are collected via grab samples. Semi-volatile organics need to be added to the second bullet.

Please revise to read: “Collect five random grab samples per month and analyze for semi-volatile organics, volatile organics, and oil and grease.”

***Response to A-1-85***

*Ecology will revise the text as requested.*

**Comment A-1-86**

ST0004502 Fact Sheet, Pages 34-35, VII. References for Text and Appendices.

Please ensure the references are inclusive of all information cited in the draft ST0004502 Fact Sheet. Please see comments for Comment 67, ST0004502 Fact Sheet, Page 24, B. Technology-Based Effluent Limits, 2nd Paragraph” where seven (7) documents and letters were listed.

Please ensure the reference are inclusive of all information cited in the Fact Sheet.

***Response to A-1-86***

*Ecology will put the Permit and Fact Sheet through QA/QC review again before the next public comment period, and another time prior to issuing the final permit. Ecology will take an action to resolve any citation inconsistencies throughout the permit during QA/QC. Ecology will include requested citations.*

**Comment A-1-87**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Point of Compliance.

The point of compliance for all Constituents or Characteristics listed in Appendix D is “Effluent”

Please change the point of compliance to “Effluent” for Iron, Lead, and pH.

***Response to A-1-87***

*Ecology will revise the text as requested.*

### **Comment A-1-88**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Bis(2-ethylhexyl) phthalate.

The Rationale/Method of Derivation for bis(2-ethylhexyl) phthalate reads: “Criteria too low to discern (reliably) in laboratory. Limit set at PQL.”

The Rationale/Method of Derivation for bis(2-ethylhexyl) phthalate is incorrect. The limit is set at the Groundwater Quality Standard (GWQS; WAC 173-200-040) of 6 µg/L and is enforceable at the PQL.

Revise to read: “Limit set at GWQS and enforceable at the PQL.”

### ***Response to A-1-88***

*Ecology will revise the text as requested.*

### **Comment A-1-89**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Total trihalomethanes.

The Rationale/Method of Derivation for total trihalomethanes reads: “Criteria met. Limit set at PQL.”

The Rationale/Method of Derivation for total trihalomethanes is incorrect. The total trihalomethanes limit is based on the implementation of BAT/AKART discharges. The maximum value for total trihalomethanes discharged to the 200 Area TEDF with BAT/AKART approved discharges was 16.3 µg/L (See proposed ST0004502 Fact Sheet, Table 2).

Revise to read: “Limit set to BAT/AKART discharges.”

### ***Response to A-1-89***

*Ecology will revise the text as requested.*

### **Comment A-1-90**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Carbon tetrachloride.

The Rationale/Method of Derivation for carbon tetrachloride reads: “Criteria too low to discern (reliably) in laboratory. Limit set at PQL.”

The Rationale/Method of Derivation for carbon tetrachloride is incorrect. The carbon tetrachloride limit is based on the implementation of BAT/AKART discharges. The maximum value for carbon tetrachloride discharged to the 200 Area TEDF with BAT/AKART approved discharges was 4 µg/L (See proposed ST0004502 Fact Sheet, Table 2).

The Type of Limit reads: “Water quality-based.”

The Type of Limit is incorrect.

Revise to read: "Limit set to BAT/AKART discharges."

Revise Type of Limit to read: "Technology Based."

***Response to A-1-90***

*Ecology will revise the text as requested.*

**Comment A-1-91**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Methylene chloride.

The Rationale/Method of Derivation for methylene chloride is incorrect. The methylene chloride effluent limit is set at the 5 µg/L Groundwater Quality Standard (GWQS; WAC 173-200-040) and is enforceable at the PQL.

The Type of Limit reads: "Technology-based."

The Type of Limit is incorrect.

Revise to read: "Limit set at GWQS and enforceable at the PQL."

Revise Type of Limit to read: "Water Quality Based."

***Response to A-1-91***

*Ideally, limits are based on Background Groundwater quality in conjunction with what concentration AKART/technology allows to be met. In this case, there does not appear to be background groundwater data. Natural background is assumed 0 as Methylene Chloride is not naturally occurring. AKART value is 4.81 µg/L which is near the 5.0 µg/L GWQS. Regardless, it is generally more correct to have the limit be technology-based than on the GWQS upper limit. Ecology will retain "Technology-based".*

**Comment A-1-92**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Arsenic.

The Rationale/Method of Derivation reads: "Criteria too low to discern (reliably) in laboratory. Background groundwater value exceeds criteria. Limit set at Hanford Site background level."

The statement "Background groundwater value exceeds criteria" was applied to constituents who backgrounds levels were both greater and lower than the criteria listed in the Groundwater Quality Standard (GWQS; WAC 173-200-040). This created confusion in understanding Rationale/Method of Derivation within Appendix D.

Please revise the Rationale/Method of Derivation to read: "Background groundwater value is greater than the Groundwater Quality Standard (GWQS; WAC 173-200-040). Limit set at Hanford Site 90th percentile background level. Limit is enforceable at the PQL."

***Response to A-1-92***

*Ecology will clarify in the permit that the enforcement limit of Arsenic cannot be lower than the PQL value.*

*Additionally Ecology will set the effluent limits at the Hanford Site 95th percentile groundwater background concentration as published in DOE/RL-96-61, Rev. 0, Hanford Site Background: Part 3, Groundwater Background, U.S. Department of Energy, Richland Operations Office, Richland, Washington.*

### **Comment A-1-93**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Cadmium.

The Enforcement Limit reads: “0.9 µg/L”

The Enforcement Limit needs to be revised to 10 µg/L. See previous comments regarding Cadmium effluent limits.

The Rationale/Method of Derivation reads: “Background groundwater value exceeds criteria. Limit set at Hanford Site background level.”

The Enforcement Limit and the Rationale/Method of Derivation are incorrect.

Please revise the Enforcement Limit to read: “10 µg/L.”

Please revise the Rationale/Method of Derivation to read: “Limit set to BAT/AKART discharges/GWQS. Limit is enforceable at the PQL.”

### **Response to A-1-93**

*Ecology will not increase the Cadmium effluent limit to 10 µg/L. However, Ecology will set the effluent limits as close to background groundwater concentration as is reasonable based on AKART. Ecology will raise the Cadmium Effluent limit to the WTP BAT/AKART Addendum #3 limit of 3 µg/L.*

*Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.*

*Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.*

### **Comment A-1-94**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Chromium.

The Enforcement Limit reads: “2.4 µg/L.” Please revise the Enforcement Limit to read: “20 µg/L.” See previous comment regarding Chromium effluent limits.

The Rationale/Method of Derivation reads: “Background groundwater value exceeds criteria. Limit set at Hanford Site background level.”

The Enforcement Limit and the Rationale/Method of Derivation are incorrect.

Please revise the Enforcement Limit to read: “20 µg/L.”

Please revise the Rationale/Method of Derivation to read: “Limit set to BAT/AKART discharges. Limit is enforceable at the PQL.”

***Response to A-1-94***

*Ecology will not increase the Chromium effluent limit to 20 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Chromium at 16µg/L.*

*Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.*

*Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.*

**Comment A-1-95**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Iron.

The Rationale/Method of Derivation reads: “Criteria normally met. Background groundwater value may exceed criteria.”

The Hanford Site 95th percentile background concentration for Iron is 1,104 µg/L (DOE/RL-96-61) and the Enforcement Limit is “300 µg/L.” The Groundwater Quality Standard (GWQS; WAC 173-200-040) for Iron is 300 µg/L.

WTP BAT/AKART Addendum #3 contained information on Iron within effluents.

Please revise the Rationale/Method of Derivation to read: “Background groundwater value is greater than the Groundwater Quality Standard (GWQS; WAC 173-200-040). Limit set to BAT/AKART discharges/GWQS. Limit is enforceable at the PQL.”

***Response to A-1-95***

*Ecology will revise the text as requested.*

**Comment A-1-96**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Lead.

The Enforcement Limit reads: “.9 µg/L.”

The Enforcement Limit is incorrect.

The Rationale/Method of Derivation reads: "Background groundwater value exceeds criteria. Limit set at Hanford Site background level."

The Rationale/Method of Derivation is incorrect. Please see previous comments regard Lead effluent limits.

Please revise the Enforcement Limit to read: "10 µg/L."

Please revise the Rationale/Method of Derivation to read: "Limit set to BAT/AKART discharges. Limit is enforceable at the PQL."

### ***Response to A-1-96***

*Ecology will not increase the Lead effluent limit to 10 µg/L. This limit is above both the groundwater background concentrations and the technology-based effluent concentration. Ecology will raise the limit to the WTP BAT/AKART technology-based effluent limit concentration for Lead at 6 µg/L.*

*Ecology will put this permit out for public comment again as a result of increasing these limits after the Public Comment Period has been held.*

*Additionally, the permittee will provide a demonstration that the discharge is in the overriding public interest. Ecology will include the demonstration in the Fact Sheet. The demonstration must include why Ecology should permit the discharge of pollutants at concentrations above the groundwater background concentration. Ecology will evaluate this demonstration based on public comments received during the second public comment period.*

### **Comment A-1-97**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, Manganese.

The Type of Limit reads: "Technology-based." The Hanford Site 95th percentile background concentration for Manganese is 86.4 µg/L (DOE/RL-96-61). The Groundwater Quality Standard (GWQS; WAC 173-200-040) for Manganese is 50 µg/L. The Type of Limit is incorrect. Please revise the Type of Limit to read: "Water Quality Based."

The Rationale/Method of Derivation are incorrect.

Please revise the Rationale/Method of Derivation to read: "Background groundwater value is greater than the Groundwater Quality Standard (GWQS; WAC 173-200-040). Limit set to BAT/AKART discharges/GWQS. Limit is enforceable at the PQL."

### ***Response to A-1-97***

*Ecology will revise the text as requested.*

### **Comment A-1-98**

ST0004502 Fact Sheet, Page 49, Appendix D – Technical Calculation Enforcement Limit Derivation Summary, pH.

Delete constituent in its entirety. The proposed minimum and maximum values for pH will result in numerous exceedances every month because pH is monitored continuously, and pH data are comprised of numerous instantaneous values that are not averaged. Compliance would be evaluated for each individual data point. Table 2 within the proposed ST0004502 Fact Sheet reported a minimum pH value of 6.0 and a maximum pH value of 10.1. The reporting of daily pH minimum and maximum values does not accurately characterize the discharge volumes because pH values are not averaged.

Delete constituent in its entirety.

### ***Response to A-1-98***

*This is a GWQS and should be in the Permit. There are regulations which allow "excursions" outside of the daily min and max values when sampling continuously (40 CFR § 401.17).*

## **A-2: HANFORD DEPARTMENT OF ENERGY**

### **Comment A-2-1**

ST0004502 Permit, Page iii, Table

The table inadvertently deleted the 241-A Tank Farm Cooling Water. The 241-A Evaporator Cooling Water is identified as a current facility on the Fact Sheet (Page 11).

To the subject table, please repopulate "241-A Tank Farm Cooling Water" in the "Facility Column" and repopulate "Cooling Water" in the same row and under column "Uses Generating Effluent."

### ***Response to A-2-1***

*Ecology will revise this language as requested.*

*DOE requested that this discharge be removed in the Permit Application due to it being closed, non-operational and no longer discharging to TEDF.*

### **Comment A-2-2**

2. ST0004502 Permit, Page iii, Table, Uses Generating Effluent for Miscellaneous Waste Streams Permitted by State Waste Discharge Permit ST0004511

The subject text reads: "Raw Columbia River water, raw groundwater, potable water, condensed water vapor from ambient air, and industrial stormwater resulting from hydrotesting, maintenance, construction, and cooling activities."

Please see the proposed revision to align the subject text with the discharges authorized by State Waste Discharge Permit ST0004511.

Please revise to read: "Raw Columbia River water, raw groundwater, potable water, condensed water vapor from ambient air, ~~and~~ industrial stormwater, and wastewater resulting from hydrotesting, maintenance, construction, and cooling activities."

### ***Response to A-2-2***

*Ecology will revise this language as requested.*

### **Comment A-2-3**

ST0004502 Permit, Pages 8-9, Special Condition S1.A, Effluent Limits, Table, Iron & Footnote g.

Question: Will an authorized discharge in accordance with the subject footnote automatically generate a violation/message in the Discharge Monitoring Report if the iron concentration is greater than 300 µg/L and less than 1,104 µg/L? How does Ecology plan to mitigate the Water Quality Permitting Portal from errantly generating a violations/messages within the Discharge Monitoring Report for an authorized discharge with an iron concentration greater than 300 µg/L?

#### ***Response to A-2-3***

*Ecology may setup the water quality permitting portal to only generate a violation message, if an exceedance of iron extends beyond what is authorized by the Permit. Alternatively, Ecology may manually review DMRs to ensure compliance with effluent limit for iron, and no automatic violation messages will be issued for that constituent.*

### **Comment A-2-4**

ST0004502 Permit, Pages 10-11, Special Condition S2.A, Wastewater Monitoring, Table, Footnote c and d.

The subject text reads: “c. Daily means one sample taken within a 24 hour period from the time (to the nearest minute) when continuous monitoring at the 200 Area TEDF becomes not possible. Subsequent daily samples must be taken within 24 hours of the prior daily sample.

d. Quantify daily flow means the total of all flows from all contributing facilities authorized to discharge to the 200 Area TEDF, that are summed together to determine the total flow to the 200 Area TEDF in a 24 hour period (day). The day begins at the time (to the nearest minute) when continuous monitoring becomes not possible. Subsequent days will begin at the time (to the nearest minute) that the first day ended. When continuous monitoring is restored in the middle of a day, the quantified flows from the beginning of that day will be summed with the continuous monitoring data up until the end of that same day.”

Question: Footnotes c and d are not referenced in the table. To which parameters, columns, rows, and/or circumstances are the subject footnotes applicable?

#### ***Response to A-2-4***

*Footnotes c and d are applicable to terms included in other footnotes.*

### **Comment A-2-5**

5. ST0004502 Permit, Page 12, Special Condition S2.B, Effluent Variability Study Monitoring, Table, Laboratory Method for Bis(2-ethylhexyl) phthalate.

The subject text reads: “EPA 625” Comment: The laboratory method for Bis(2-ethylhexyl) phthalate is not consistent between Special Condition S2.A, Wastewater Monitoring (i.e., EPA 625.1) and Special Condition S2.B, Effluent Variability Study Monitoring (i.e., EPA 625). Please

revise the laboratory method for Bis(2-ethylhexyl) phthalate in Special Condition S2.B to read "EPA 625.1".

Please revise text to read: "EPA 625.1"

***Response to A-2-5***

*Ecology will revise this language as requested.*

**Comment A-2-6**

ST0004502 Permit, Page 12, Special Condition S2.B, Effluent Variability Study Monitoring, Table, Footnotes f and g

The subject text reads: "f. Daily means one sample taken within a 24 hour period from the time (to the nearest minute) when continuous monitoring at the 200 Area TEDF becomes not possible. Subsequent daily samples must be taken within 24 hours of the first daily sample.

g. Quantify daily flow means the total of all flows from all contributing facilities authorized to discharge to the 200 Area TEDF, that are summed together to determine the total flow to the 200 Area TEDF in a 24 hour period (day). The day begins at the time (to the nearest minute) when continuous monitoring at the 200 Area TEDF becomes not possible. Subsequent days will begin at the time (to the nearest minute) that the first day ended. When continuous monitoring is restored in the middle of a day, the quantified flows from the beginning of that day will be summed with the continuous monitoring data up until the end of that same day."

Question: Footnotes f and g are not referenced in the table. To which parameters, columns, rows, and/or circumstances are the subject footnotes applicable? Additionally, please revise footnote f to read consistent with Special Condition S2.A, Wastewater Monitoring, Table, footnote c.

Please revise text reads:

"f. Daily means one sample taken within a 24-hour period from the time (to the nearest minute) when continuous monitoring at the 200 Area TEDF becomes not possible. Subsequent daily samples must be taken within 24 hours of the first-prior daily sample."

***Response to A-2-6***

*Ecology will revise this language as requested.*

**Comment A-2-7**

ST0004502 Permit, Page 16, Special Condition S3.F, Reporting Permit Violations, a. Immediate Reporting and b. Twenty-FourHour Reporting

Question: Does an overflow require immediate reporting in accordance with Special Condition S3.F, a. Immediate Reporting, Bullet 1 or 24-hour reporting in accordance with Special Condition S3.F, b. Twenty-Four-Hour Reporting, Bullet 5? As written, an overflow has two different reporting requirements.

Special Condition S3.F, a. Immediate Reporting, Bullet 1 reads: “The Permittee must immediately report to Ecology any line break, overflow, or bypass from any portion of the system.”

Special Condition S3.F, b. Twenty-Four-Hour Reporting, Bullet 5 reads: “Any overflow prior to the treatment works, whether or not such overflow endangers health or the environment or exceeds any effluent limit in the Permit.”

Please delete overflow from Special Condition S3.F, a. Immediate Reporting, Bullet 1 or please delete Bullet 5 from Special Condition S3.F, b. Twenty-Four-Hour Reporting.

### ***Response to A-2-7***

*Ecology will remove "overflow" from S3.F. a, bullet 1. This is more consistent with the Water Quality Program permit shell language.*

### **Comment A-2-8**

ST0004502 Permit, Page 16, Special Condition S3.F, Reporting Permit Violations, b. Twenty-Four-Hour Reporting. 1 st Sentence

The subject text reads: “The Permittee must report the following occurrences of noncompliance by telephone, to the Ecology Water Quality Permit Coordinator at (509) 372-7950, within 24 hours from the time the Permittee becomes aware of any of the following circumstances, leaving a voicemail if necessary.”

Comment: The telephone number is for the Ecology Nuclear Waste Program Office not the Water Quality Permit Coordinator. The subject revision is requested to clarify that a message may be left at (509) 372-7950, and the Ecology Nuclear Waste Program Office will ensure the message is delivered to the Water Quality Permit Coordinator.

Please revise to read: “The Permittee must report the following occurrences of noncompliance by telephone, to the Ecology Nuclear Waste Program Office~~Water Quality Permit Coordinator~~ at (509) 372-7950, within 24 hours from the time the Permittee becomes aware of any of the following circumstances, leaving a voicemail if necessary.”

### ***Response to A-2-8***

*Ecology will revise this language as requested.*

### **Comment A-2-9**

ST0004502 Permit, Page 18, Special Condition S4.A, Operations and Maintenance Manual, a. Operations and Maintenance Manual Submittal and Requirements, Bullet 3.

The subject text reads: “Keep the approved O&M Manual at the 200 Area Effluent Treatment Facility (20225E Control Room).”

The text contained a typo. The building number for the 200 Area Effluent Treatment Facility is 2025E.

Please revise to read: “Keep the approved O&M Manual at the 200 Area Effluent Treatment Facility (20225E Control Room).”

### ***Response to A-2-9***

*Ecology will revise this language as requested.*

### **Comment A-2-10**

ST0004502 Permit, Page 18, Special Condition S4.B, Bypass Procedures, 1 st Sentence.

The subject text reads: “This Permit prohibits a bypass, which is the intentional diversion of waste streams from any portion of a treatment facility.”

Comment: The subject text is not accurate as written because bypasses are authorized as described within Special Condition S4.B, Bypass Procedures.

Please revise to read: “Unless authorized in accordance with Special Condition S4.B, This Permit prohibits a bypass, which is the intentional diversion of waste streams from any portion of a treatment facility.”

### ***Response to A-2-10***

*No change. This addition is not necessary.*

### **Comment A-2-11**

ST0004502, Page 25, General Condition G4, Reporting a Cause for Modification, 1 st Sentence.

The subject text reads: “The Permittee must submit a new application at least one hundred eighty (180) days before it wants to discharge more of any pollutant, a new pollutant, or more flow than allowed under this Permit.”

Comment: There is concern that Ecology’s proposed language does not align with timelines written into General Condition G4 of the current ST0004502 permit, the Revised Code of Washington, and the Washington Administrative Code. To support the needs and timelines of the Hanford Site Cleanup Mission, does Ecology plan on approving discharges applicable to General Condition G4, Reporting a Cause for Modification, through Special Condition S8, Non-Routine and Unanticipated Wastewater?

The current ST0004502 permit reads: “The Permittee must submit a new application at least sixty (60) days before it wants to discharge more of any pollutant, a new pollutant, or more flow than allowed under this Permit.”

RCW 90.48.200, Waste disposal permits required of counties, municipalities and public corporations—Nonaction upon application—Temporary permit—Duration, reads: “In the event of failure of the department to act upon an application within sixty days after it has been filed the applicant shall be deemed to have received a temporary permit. Said permit shall authorize the applicant to discharge wastes into waters of the state as requested in its application only until such time as the department shall have taken action upon said application.”

WAC 173-216-110(5), State Waste Discharge Permit Program, Permit terms and conditions, reads: “A new application, or supplement to the previous application, shall be submitted, along with required engineering plans and reports, whenever a new or increased discharge or change

in the nature of the discharge is anticipated which is not specifically authorized by the current permit. Such application shall be submitted at least sixty days prior to any proposed changes.”

***Response to A-2-11***

*No change. The 180 day requirement in General Condition G4, for submitting a new application applies to all Water quality program State Waste Discharge Permits.*

*If the permittee discharges are applicable to General Condition G4 and the permittee is unable to meet the 180 day timeline for requests for modification, Ecology may approve the discharge under Special Condition S8.*

## Appendix A. Copies of All Public Notices

Public notices for this comment period:

- Focus sheets
- Classified notices 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

# 200 Area Treated Effluent Disposal Facility

State Waste Discharge Permit ST0004502 renewal

- Public comment period June 28 – July 28, 2021
- Special conditions to protect groundwater
- 200 Area TEDF supports various facilities on the Hanford Site



*A Basin: 200 Area TEDF*

## Public comment invited

The Washington State Department of Ecology (Ecology) is inviting the public to comment on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF).

The permittee is:

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

## Renewal overview

The Permittee applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

Ecology reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

After developing the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution

of the groundwater. However, we will not make a final determination until we evaluate all comments received during this public comment period.

## Facility background

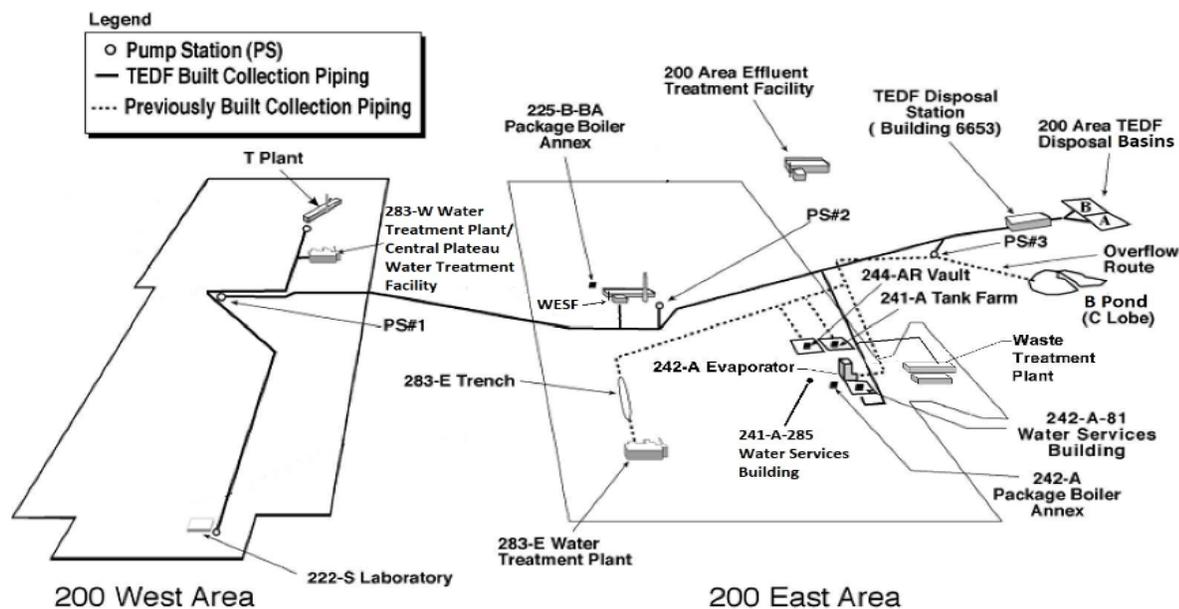
The 200 Area TEDF consists of two adjacent 5-acre infiltration basins located in the 200 East Area. The disposal basins are named A Basin and B Basin, previously referred to as A Pond and B Pond.

The facility supports a variety of facilities on the Hanford Site, and is sized to support future discharges from the Tank Waste Treatment and

Immobilization Plant. It is designed to dispose to the ground non-contact cooling water, steam condensate, raw and treated Columbia River water, boiler blowdown, and other sources of non-dangerous process wastewater.

The disposal facility is a 12-mile-long piped collection system that does not have any treatment or retention capacity.

Through strict source control and careful siting of the discharge location, there is little risk of driving contamination into the soil or groundwater or impacting historical, archaeological, and cultural resources.



200 Area TEDF Collection System

## Reviewing the proposed changes

Ecology invites you to review and comment on the draft permit and fact sheet for the 200 Area TEDF. See the last page for comment period dates and information on how to submit comments.

Copies of the application for the proposed permit, the draft permit and fact sheet, and supporting documentation will be available during the public comment period online at [Ecology's website](https://ecology.wa.gov)<sup>1</sup>. 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.

<sup>1</sup> [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

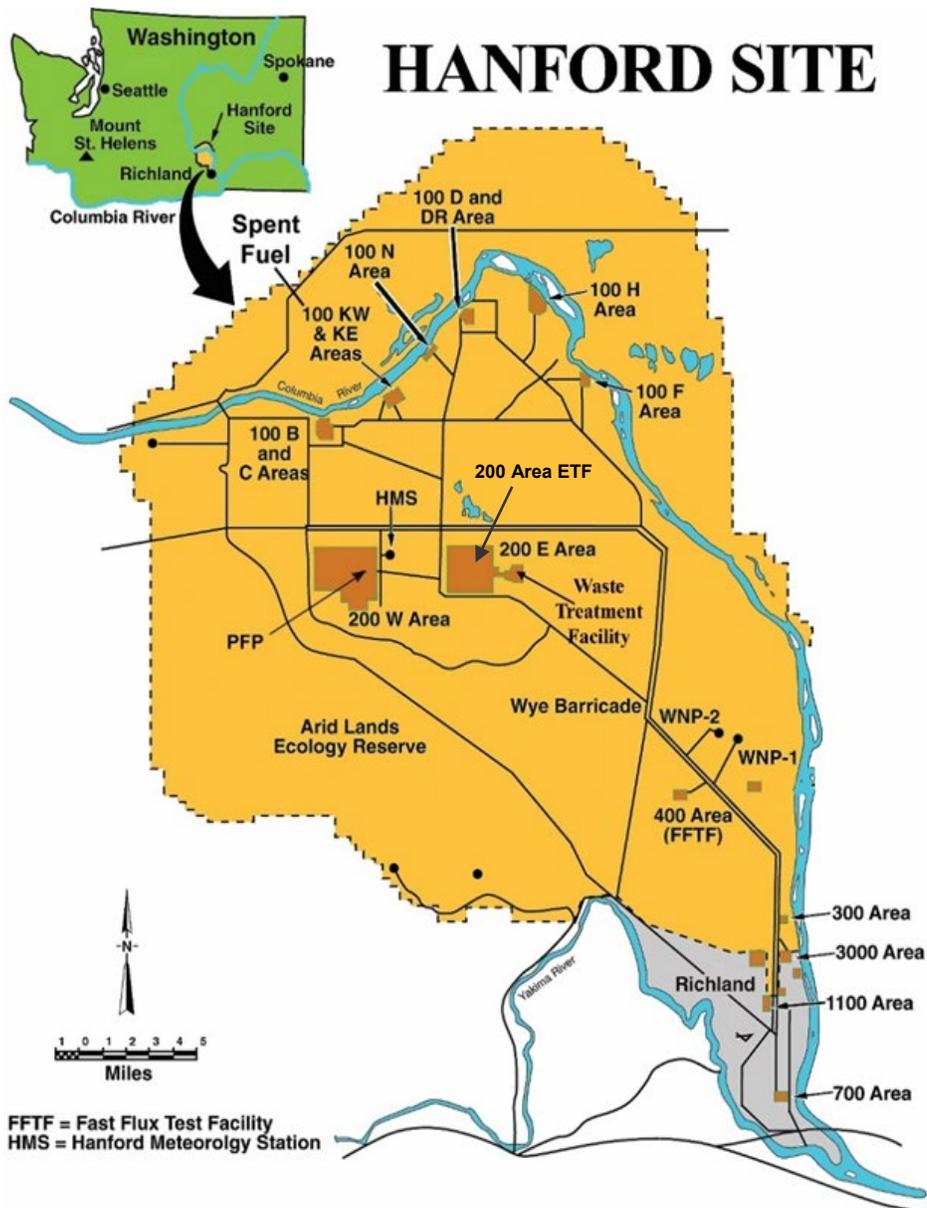
U.S. Department of Energy  
Administrative Record  
2440 Stevens Drive, Room 1101  
Richland, WA 99354  
509-376-2530

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

## *200 Area TEDF permit renewal*

### **Public comment period June 28 – July 28, 2021**

Electronic submission (preferred):  
<https://nw.ecology.commentinput.com/?id=cHb7e>

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](mailto:Hanford@ecy.wa.gov)

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

# 200 Area Treated Effluent Disposal Facility

State Waste Discharge Permit ST0004502 renewal



Figure 1. Columbia River looking at the Hanford site

- Public comment period Feb. 22. – Mar. 24, 2022
- Changes made to draft permit as a result of public comments received during a 2021 comment period
- Special conditions to protect groundwater

## Public comment invited

The Washington State Department of Ecology (Ecology) is inviting the public to comment on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF).

The permittee is:

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

## Background

The Hanford Site occupies 580 square miles in southeastern Washington State. The site produced plutonium for the nation’s defense program from 1943 to the late 1980s. Today, waste management and environmental cleanup are the primary missions at Hanford.

## Overview & Changes

Energy applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

During the first public comment period for this draft permit and fact sheet, the permittee submitted comments requesting significant changes to the draft permit and fact sheet. After discussion with the permittee on their comments, we agreed to include some of the requested changes. These changes



Figure 2: A Basin: 200 Area TEDF

include increased effluent limits from those proposed in the first draft permit.

After revising the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution of the groundwater. However, we will not make a final determination until we evaluate all comments received during this public comment period.

### Facility Background

The 200 Area TEDF consists of two adjacent 5-acre infiltration basins located in the 200 East Area. The disposal basins are named A Basin and B Basin, previously referred to as A Pond and B Pond.

The facility supports a variety of facilities on the Hanford Site, and is sized to support future discharges from the Tank Waste Treatment and Immobilization Plant. TEDF is designed to dispose to the ground non-contact cooling water, steam condensate, raw and treated Columbia River water, boiler blowdown, and other sources of non-dangerous process wastewater.

The disposal facility is a 12-mile-long piped collection system that does not have any treatment or retention capacity.

Through strict source control and careful siting of the discharge location, there is little risk of driving contamination into the soil or groundwater or impacting historical, archaeological, and cultural resources.

### Reviewing the proposed changes

We invite you to review and comment on the draft permit and fact sheet for the 200 Area TEDF. See the last page for comment period dates and information on how to submit comments.

Copies of the application for the proposed permit, the draft permit and fact sheet, and supporting documentation will be available during the public comment period online at [Ecology's website](http://Ecology's website)<sup>1</sup>. The documents will also be available at the Hanford Public Information Repositories listed on the next page.

We 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.

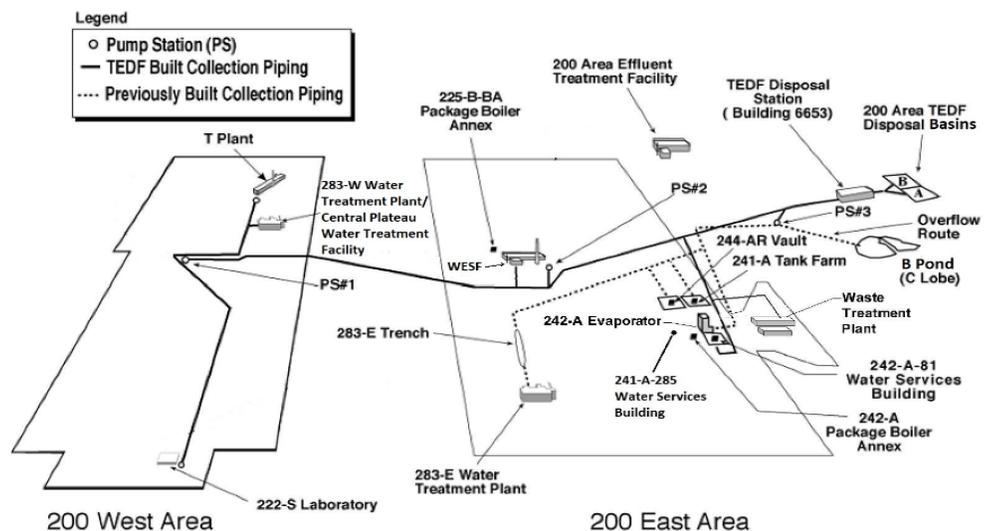


Figure 3: 200 Area TEDF Collection System

<sup>1</sup> [Ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-periods](http://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

For information on other comment periods or ways to get involved, go to [ecology.wa.gov/Hanford](https://ecology.wa.gov/Hanford) and click "Public comment periods" on the left bar or visit [Hanford.gov](https://Hanford.gov) "public involvement opportunities".

You can also follow us on social media.



@EcologyWAHanford



@ecyHanford



Figure 4: Nuclear Waste Program office - Richland



Nuclear Waste Program  
3100 Port of Benton Blvd  
Richland WA 99354

### 200 Area TEDF permit renewal

Feb. 22 – Mar. 24, 2022



Electronic submission (preferred):

[https://nw.ecology.commentinput.com/?id\\_cHb7e](https://nw.ecology.commentinput.com/?id_cHb7e)

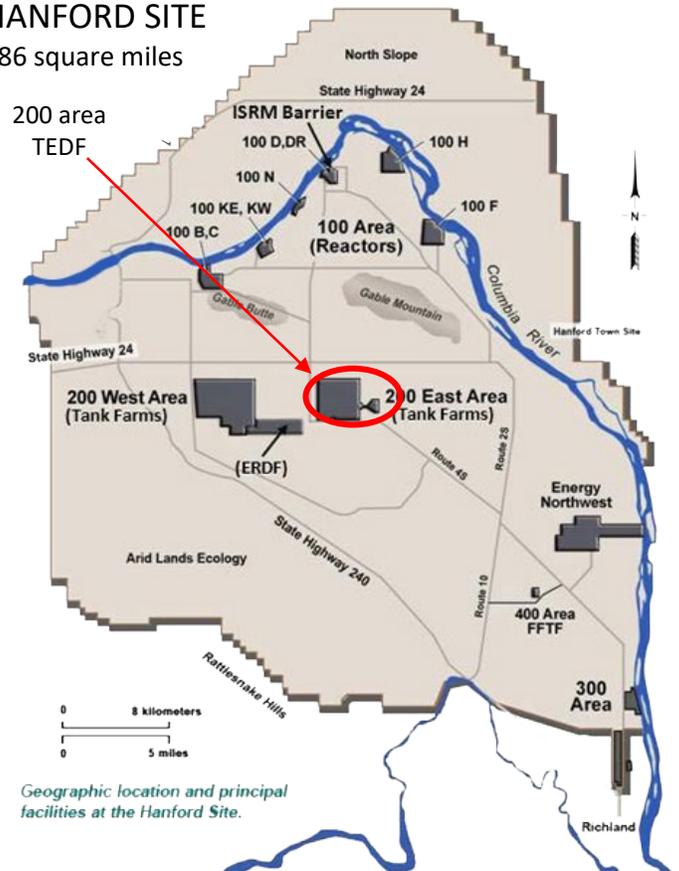
### Mail or hand delivery

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](mailto:Hanford@ecy.wa.gov)

### HANFORD SITE 586 square miles



Geographic location and principal facilities at the Hanford Site.

To request an ADA accommodation, contact Ecology by phone at 509-372-7950 or email at [Daina.McFadden@ecy.wa.gov](mailto:Daina.McFadden@ecy.wa.gov), or visit [ecology.wa.gov/Accessibility](http://ecology.wa.gov/Accessibility). For Relay Service or TTY call 711 or 877-833-6341.

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**Legals**

**PUBLIC NOTICE**

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.

**Proposal:** Story Family Five, LLC has submitted an application (**PP 2021-005**) for a 20-lot subdivision "Caryl's Addition" on a 6.6-acre lot. The parcel is located at 4011 Road 96, Pasco, WA 99301 (Parcel #118 080 014) in Pasco, Washington, as follows:

That portion of the Southeast quarter of the Northwest quarter of Section 17, Township 9 North, Range 29 East, W.M., Franklin County, Washington, described as follows:

Commencing at the Southwest corner of said Southeast quarter of Northwest quarter; thence South 88°24'03" East along the center line of said Section 17, a distance of 73.90 feet; thence North 02°26'28" East a distance of 296.58 feet to the True Point of Beginning; thence continuing North 02°26'28" East a distance of 595.64 feet to a point on a line 100.0 feet Southwesterly and parallel to the center line of the Franklin County Irrigation District No. 1 Canal, which point lies 75.0 feet East of the West line of said Southeast quarter; thence 100.0 feet Southerly and parallel to said canal by the following courses and distances: South 65°21' East 213.84 feet; South 73°49' East 281.37 feet; South 48°59'30" East 213.57 feet; thence South 72°11' 30" East 10.24 feet; thence South 02°44' West a distance of 302.58 feet; thence North 88°24'03" West parallel to the center line of said Section 17, a distance of 646.68 feet to the True Point of Beginning.

The proposal is subject to regulations contained in the Pasco Municipal Code.

**Open Record Hearing:** The Hearing Examiner will conduct the open record hearing at 6:00 p.m. on **July 14, 2021** in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Hearing Examiner will conduct public testimony concerning the above application at this meeting.

**Public Comment Period:** Written comments must be submitted to the Community Development Department by 4:00 p.m. on **July 14, 2021**. Comments received by the referenced date will be included in the Hearing Examiner packet. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: adamsj@pasco-wa.gov.

**Project Permits Associated with this Proposal:** There are no permits currently associated with the proposal. Grading, right-of-way, and building permits will be required before any ground-disturbing activities occur; building permits will be needed for future construction.

**Preliminary Determination of Regulations Used for Project Mitigation:** Titles 12 (Streets and Sidewalks), 16 (Buildings and Construction), 21 (Urban Area Subdivision Regulations), 25 (Zoning), regulations of the Pasco Municipal Code, and the land use policies contained in the Pasco Comprehensive Plan. Prepared 22 June 2021 by: Jeffrey B. Adams, Associate Planner, PO Box 293 Pasco, WA 99301 (509) 545-3441  
IPL0029752  
Jun 27 2021

**CITY OF WEST RICHLAND  
PARADISE WAY EXTENSION PHASE 4 PROJECT  
BENTON COUNTY, WASHINGTON  
INVITATION TO BID**

The City of West Richland will receive sealed bids for the **PARADISE WAY EXTENSION PHASE 4 PROJECT** at the Municipal Services Facility, 3100 Belmont Blvd, West Richland, Washington, 99353 until **Tuesday, July 13, 2021 at 11:00 a.m.**

The project will construct water main and hydrants, underground storm, concrete curb and sidewalks, roadway surfacing and paving, street lighting, and related work in accordance with the technical specifications, drawings and contract documents.

To comply with the Governor's current Stay Home - Stay Healthy Proclamation 20-25, the City has made changes to the bid submittal and bid opening process for the above referenced bid.

The City will accept the following for bid submittals for the "PARADISE WAY EXTENSION PHASE 4 PROJECT":

- Accept hand-delivered bids at the Municipal Services Facility:
  - All paper bids shall be deposited in the Utility Payment Drop Box located at the east entrance of the parking lot of the Municipal Services Facility located at 3100 Belmont Blvd., West Richland, WA 99353.
  - All bids will be retrieved at the bid opening time of **Tuesday, 11:00 am, July 13 2021**. No late bids will be accepted.
  - Bid envelope shall be no larger than 6" x 9". Please include only the required items listed in the "Bidders Checklist" on page 14 of the Contract Documents.
  - Clearly label the envelope to include **"Bid for PARADISE WAY EXTENSION PHASE 4 PROJECT"**

2. Postal Service or Courier - BIDS MUST BE RECEIVED PRIOR TO THE BID OPENING DEADLINE. NO late bids will be accepted.

- Submit bids via US mail, UPS, Federal Express or mail courier to:
  - City of West Richland
  - Attn: Ilka Gilliam
  - 3100 Belmont Blvd., Suite 102
  - West Richland, WA 99353
- Clearly label the envelope to include **"Bid for PARADISE WAY EXTENSION PHASE 4 PROJECT"**

3. Submittals delivered by fax, telephone or email will **not** be accepted.

Additionally, Public Bid Opening will be held using Zoom meeting. Bidders will be able to attend the bid opening by either by calling in to hear the opening of by accessing Zoom Meeting to view the opening (see instruction below).

**INSTRUCTIONS FOR ZOOM BID OPENING:**

**Join Zoom Meeting: https://us02web.zoom.us/j/89073517806**  
**Meeting ID: 890 7351 7806**

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashiers check, or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. Should the successful Bidder fail to enter into such contract and furnish satisfactory performance bond or quality assurance submittals within the time stated in the contract documents, the bid proposal deposit shall be forfeited to the **City of West Richland**. Each Bidder shall warrant that he has not entered into collusion with another bidder or any other person, and does not discriminate in any manner against any person based solely on race, color, sex or creed.

Upon request each firm, company, and/or corporation shall receive a PDF, at no cost, of all contract documents, specifications and plans by contract the Public Works Department of the City of West Richland by either phone, (509)967-5434, e-mail: public.works@westrichland.org, or by mail: 3100 Belmont Blvd, Suite 201, West Richland, WA 99353.

Only properly executed proposals submitted on the forms furnished by the **City of West Richland** will be accepted. The **City of West Richland** reserves the right to reject any or all bids, to waive any informality, to accept any bid deemed to be responsive in the best interest of the **City of West Richland**, and reserves the right to readvertise for new proposals.

The **City of West Richland** is an Equal Opportunity Employer, Minority and Women-Owned businesses are encouraged to bid.

The **City of West Richland**, in accordance with Title VI of the Civil Rights Act of 1964, 79 Stat. 252, 42 U.S.C. 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 23 will be afforded full opportunity to submit bids in

Roscoe C. Slade III, Public Works Director  
Name and Title

Public Dates:  
June 20, 2021  
June 27, 2021  
IPL0028649  
Jun 20,27 2021

**Superior Court of Washington  
County of Benton Case NO: 21-5-00054-03**

**Order for Service of Summons by Publication in the Interest of Gabriel Andrew O'Dell**

Basis: The court has considered Rogelio Noel Trevino (moving party)'s motion and declaration requesting that the summons in this matter be served by publication.

Findings: Based on the representations made in the declaration, the court FINDS that the summons in this matter may be served on Nathaniel Jones (nonmoving party) by publication in accordance with RCW 4.28.100

Order: IT IS ORDERED that the summons in this matter may be served on the nonmoving party by publication in conformity with RCW 4.28.100

Dated 06/07/2021

Presented by Rogelio Noel Trevino and signed by Judge Carrie Runge  
IPL0028001  
Jun 13,20,27,Jul 4 2021

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**CITY OF PASCO  
SPECIAL COUNCIL MEETING NOTICE**

NOTICE IS HEREBY GIVEN that the **City Council of the City of Pasco** has scheduled a special meeting for **Monday, June 28, 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 consider and take formal action on:

- Conduct a Public Hearing before the Adoption of 2022-2027 Six-Year Transportation Improvement Plan;
- Approve the Tri-Cities HOME Consortium Amended/Restated Interlocal Agreement; and
- Approve a Budget Adjustment for Argent Road Phase 1 Project and award the bid.

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 509.544.3096 or email cityclerk@pasco-wa.gov.  
Debra Barham, CMC  
City Clerk  
IPL0029784  
Jun 27 2021

**Tri-City Herald**  
TRI-CITYHERALD.COM

**ATTENTION CONSULTANTS  
REQUEST FOR QUALIFICATIONS (RFQ)  
ENGINEERING SERVICES FOR INTERCHANGE  
IMPROVEMENTS AT INTERSTATE 182/ROAD 100**

The City of Pasco, Washington, (City) Department of Community & Economic Development is soliciting a Statements of Qualifications (SOQ) from qualified Consultants registered in the State of Washington to provide Engineering Services for an Interchange Analysis, Access Revision Report (ARR), and Interchange Improvement Design, based upon available funding, in accordance with the terms, conditions and specifications contained within the Request for Qualifications (RFQ).

The complete RFQ may be obtained via the City website - <http://www.pasco-wa.gov/Bids.aspx> at **10:00 am Monday, June 21st, 2021**. It is the sole responsibility of the Consultant to obtain any RFQ updates or addenda from the City website.

For consideration, Consultants are required to submit either an electronic or hard copy of their SOQ up to the hour of **2:00 pm, Tuesday, July 13th, 2021**. Hard copy responses shall be addressed to the City of Pasco - Community & Economic Development Department and will be received at the office of the City Clerk, City Hall, 525 North 3rd Avenue, Pasco, Washington. Electronic responses shall be transmitted to cityclerk@pasco-wa.gov with a maximum size of 20mb.

Technical questions regarding the scope of this project should be put in writing and directed to Dan Ford, City Engineer, City of Pasco, Public Works, 525 N. 3rd Avenue, PO Box 293, Pasco, WA 99301; email: fordd@pasco-wa.gov.

The City of Pasco, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the ground of race, color, national origin, or sex in consideration for an award.

Projects funded wholly or in part by Federal appropriations must comply with Code of Federal Regulations; 24 CFR 570.502, 24 CFR 85.36, 2 CFR 200. All federally-funded projects will be held to federal Equal Employment Opportunity (EEO) requirements. The City of Pasco is an equal opportunity and affirmative action employer. Small, minority, and women-owned businesses are encouraged to submit bids. The City of Pasco in accordance with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act (ADA), commits to non-discrimination on the basis of disability, in all of its programs and activities. This material can be made available in an alternate format by e-mailing Samantha McCaese at mccaese@pasco-wa.gov or calling (509) 545-3419.

Those submitting Firms determined to be best qualified to undertake the services required under this Request for Qualifications (RFQ) may be invited to make a presentation to the City's interview team.

The City reserves the right to reject any and all responses and to waive technicalities or irregularities, and after careful consideration of all submissions and factors involved make the award to best serve the interests of the City of Pasco.  
DATED: June 18, 2021  
Publish: June 20, 2021  
June 27, 2021

Dan Ford, PE  
City Engineer  
IPL0029162  
Jun 20,27 2021

**CITY OF RICHLAND  
REQUEST FOR PROPOSALS  
RFP No. 21-0065, CYBERSECURITY ASSESSMENT  
PROPOSALS DUE: JULY 20, 2021, 3:00 p.m., EXACTLY,  
Pacific Local Time**

Public notice is hereby given that the City of Richland, Washington has issued the above solicitation for soliciting proposals from firms to conduct a comprehensive cybersecurity assessment. Detailed information and the proposal documents are available at [www.publicpurchase.com](http://www.publicpurchase.com), under City of Richland, Washington designated webpage.

Contact Public Purchase directly if unable to access documents online at [support@publicpurchase.com](mailto:support@publicpurchase.com). On-line Chat is available from 7:00 a.m. to 4:00 p.m. MT at [www.publicpurchase.com](http://www.publicpurchase.com) top left corner. If unable to reach Public Purchase, contact the City Purchasing Division at 509-942-7710.

The City of Richland in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 USC 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color national origin, or sex in consideration for an award.  
Published:  
Sunday, June 20, 2021 and June 27, 2021, Tri-City Herald  
Monday, June 21, 2021 and June 28, 2021, Seattle Daily Journal of Commerce  
Cathleen Koch  
Administrative Services Director  
IPL0028938  
Jun 20,27 2021

**State Waste Discharge Permit  
ST0004502 permit renewal  
public comment period notification**

The Washington State Department of Ecology (Ecology) is providing notification of a 30-day public comment period starting June 28 - July 28, 2021. We are inviting the public to comment on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The Permittee is the U.S. Department of Energy. The 200 Area TEDF is located on the Hanford Site in southeastern Washington.

**Renewal overview**The Permittee applied to renew the State Waste Discharge Permit for the 200 Area TEDF. We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

After developing the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution of the groundwater. However, we will not make a final determination until we evaluate all comments received during this public comment period.

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

Please submit comments by **July 28, 2021**. Electronic submission (preferred): <https://nw.ecology.commentinput.com/?id=cx2HN>  
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  
IPL0029535  
Jun 27,Jul 4 2021

**TRI-CITYHERALD.COM**

**LAWPS Operating permit modification public comment period notification**

The Washington State Department of Ecology is providing notification of a 45-day public comment period starting June 28 - Aug. 12, 2021. This comment period will address proposed modifications to the *Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste for the Low-Activity Waste Pretreatment System (LAWPS) Operating Unit Group (OUG) 1*. The Permittee(s) are the U.S. Department of Energy and Washington River Protection Solutions. LAWPS will be located on the Hanford Site in southeastern Washington. This Agency initiated permit modification provides operating details for Phase One of the LAWPS OUG and closes Interim Compliance Schedule Item LAWPS-1.

**What changes are being proposed?**  
The following documents are included in the permit modification to support the public comment period:  
Unit Specific Permit Conditions

- Appendix 1
- Appendix 26
- Addendum B, Waste Analysis Plan
- Addendum C, Process Information
- Addendum E, Security
- Addendum G, Personnel Training
- Addendum H, Closure Plan
- Addendum I, Inspection Plan
- Addendum J, Contingency Plan
- Supplemental Information

**How to comment**  
Ecology invites you to review and comment on this proposed LAWPS Operating 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-periods>. Copies of the proposed modification are located on the Administrative Record at <https://pdw.hanford.gov/> and at Information Repositories listed on the public comment page above.

Please submit comments by **Aug. 12, 2021**. Electronic submission (preferred): <https://nw.ecology.commentinput.com/?id=cx2HN>  
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  
IPL0029533  
Jun 27 2021

**NOTICE OF FINAL ACCEPTANCE  
Columbia River Elementary School**

Notice is hereby given that the Board of Education of Pasco School District No. 1 has, by resolution at a regularly scheduled meeting thereof on June 22, 2021, accepted the following project as final and complete.

Owner: Pasco School District No. 1  
Project: Columbia River Elementary School  
General Contractor: Chervenell Construction Co.  
7511 W Arrowhead Suite B  
Kennewick, WA 99336  
Date of Contract: May 17, 2019  
Date of Final Acceptance: June 22, 2021  
Date for Release of Retainage: August 26, 2021.

Any person or party having claim against the general contractor, the District, or the retainage bond arising out of said project must make claim with notice to the District and others according to the law.  
Dated this 22nd Day of June, 2021  
Pasco School District No. 1  
1215 W. Lewis Street  
Pasco, WA 99301  
(509) 543-6700

By:  
Michelle Whitney, Superintendent  
IPL0029893  
Jun 27,Jul 4 2021

**APARTMENT HUNTING?**  
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TRI-CITYHERALD.COM

**CITY OF RICHLAND  
NOTICE OF APPLICATION &  
PUBLIC HEARING**

Notice is hereby given that Nor Am Investments, LLC has filed an application for preliminary plat approval to subdivide a 194.54 acre site into 477 lots referred to as the Preliminary Plat of South Orchard. The project site is located along the north side of Reata Road, west of Morningside Parkway in the Badger Mountain South master planned community (APN 1-0488200001000). The plat proposes an average lot size of 9,143 square feet.

The Richland Hearing Examiner will conduct a virtual public hearing and review of the application on **Monday, July 12, 2021 at 6:00 p.m.** All interested parties are invited to participate in the virtual public hearing by visiting the City of Richland website at [www.ci.richland.wa.us](http://www.ci.richland.wa.us).

**Environmental Review:** The proposal is not subject to specific environmental review. Environmental impacts of Badger Mountain South, a master planned community, have previously been analyzed. The final environmental impact statement and related file information are available to the public and can be viewed at [www.ci.richland.wa.us](http://www.ci.richland.wa.us).

Any person desiring to express their views or to be notified of any decisions pertaining to this application should notify Shane O'Neill, Senior Planner, 625 Swift Boulevard, MS-35, Richland, WA 99352. Comments may also be faxed to (509) 942-7764 or emailed to [sonell@ci.richland.wa.us](mailto:sonell@ci.richland.wa.us). The deadline to submit written comments is 6:00 p.m. on Sunday, July 11. However, written comments must be received no later than 5:00 p.m. on Friday, July 2, 2021 to be incorporated into the staff report. Comments received after that time will be entered into the record during the hearing.

The application will be reviewed in accordance with the regulations in RMC Title 19 Development Regulations Administration, Title 24 Plats and Subdivisions, the Badger Mountain South Land Use & Development Regulations, and the Badger Mountain South Master Agreement. Appeal procedures of decisions related to the above referenced application are set forth in RMC Chapter 19.70. Contact the Richland Planning Division at the above referenced address with questions related to the available appeal process.  
Published: Sunday, June 27, 2021  
IPL0029546  
Jun 27 2021

**CITY OF RICHLAND  
NOTICE OF APPLICATION,  
PUBLIC HEARING, AND  
OPTIONAL DNS  
(S2021-106 & EA2021-126)**

Notice is hereby given that Bush Living Trust has filed an application for an 18-lot single-family residential subdivision named the Preliminary Plat of Wellhouse Heights. The site is located on the north side of Duportail Street, immediately northwest of the intersection of Wellhouse Loop and Duportail Street.

The Richland Hearing Examiner will conduct a virtual public hearing and review of the application on **Monday, July 12, 2021 at 6:00 p.m.** All interested parties are invited to participate in the virtual public hearing by visiting the City of Richland website at [www.ci.richland.wa.us](http://www.ci.richland.wa.us).

**Environmental Review:** The proposal is subject to environmental review. The City of Richland is lead agency for the proposal under the State Environmental Policy Act (SEPA) and has reviewed the proposed project for probable adverse environmental impacts and expects to issue a determination of non-significance (DNS) for this project. The optional DNS process in WAC 197-11-355 is being used. This may be your only opportunity to comment on the environmental impacts of the proposed development. The environmental checklist and related file information are available to the public and can be viewed at [www.ci.richland.wa.us](http://www.ci.richland.wa.us).

Any person desiring to express their views or to be notified of any decisions pertaining to this application should notify Shane O'Neill, Senior Planner, 625 Swift Boulevard, MS-35, Richland, WA 99352. Comments may also be faxed to (509) 942-7764 or emailed to [sonell@ci.richland.wa.us](mailto:sonell@ci.richland.wa.us). The deadline for written comments is Sunday, July 11 at 6:00 p.m. Written comments must be received no later than 5:00 p.m. on Friday, July 2, 2021 to be incorporated into the staff report. Comments received after that date will be entered into the record at this meeting.

The application will be reviewed in accordance with the regulations in RMC Title 19 Development Regulations Administration and Title 24 Plats and Subdivisions. Appeal procedures of decisions related to the above referenced application are set forth in RMC Chapter 19.70. Contact the Richland Planning Division at the above referenced address with questions related to the available appeal process.  
Published: Sunday, June 27, 2021  
IPL0029548  
Jun 27 2021

**BENTON COUNTY WATER CONSERVANCY BOARD  
REVISED PUBLIC MEETING/  
HEARING NOTICE**

Please Note Revised Meeting Date for the BCWCB from June 30, 2021, to July 1, 2021. Notice is hereby given that the Benton County Water Conservancy Board has received for review/acceptance active applications on proposed water right change/transfers. The meeting agenda shall include a status review of pending administrative actions, budget report, and state-level Ecology meetings affecting the BCWCB actions. A public hearing, or comment period, is available to interested parties on July 1, 2021, at 4:00 p.m., at the office of the Pacific Northwest Project, 3030 W. Clearwater, Ste. 205-A, Kennewick, WA 99336. For additional information on specific water right change/transfers under review for the meeting, and change/transfer decisions, please call 509-783-1623. All meetings are on-site, unless notified otherwise.  
IPL0030131  
Jun 27 2021

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**NOTICE OF APPLICATION - VARIANCE**

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. **Proposal:** Apolinar Yam Ku has submitted a Hearing Examiner application for a variance as part of a business license application to operate an upholstery business as a home occupation at 4418 Muris Lane (Parcel #118010199) in Pasco, Washington. The proposal is subject to regulations contained in the Pasco Municipal Code.

**Public Comment Period:** Written comments submitted to the Community Development Department by 4:00 p.m. on **July 14, 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: [adamsj@pasco-wa.gov](mailto:adamsj@pasco-wa.gov)

**Open Record Hearing:** The Hearing Examiner will conduct an open record hearing at 6:00 p.m. on **July 14, 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.

Determination of Completeness: The application has been declared complete for the purpose of processing. **Project Permits Associated with this Proposal:** A business license is associated with this proposal. The business license will be issued if variance approval is granted.

**Estimated Date of the Decision:** The Hearing Examiner will make a decision within ten (10) days of the hearing.

Prepared 22 June 2021 by: Jeffrey B. Adams, Associate Planner, PO Box 293 Pasco, WA 99301 (509) 545-3441 To best comply with Governor's Inslee's Emergency Proclamation and Extension regarding Open Public Meetings Act, the City asks all members of the public that would like to comment regarding items on the agenda to fill out a form via the City's website ([www.pasco-wa.gov/publiccomment](http://www.pasco-wa.gov/publiccomment)) to obtain access information to comment. Requests to comment at the July 14, 2021 Hearing Examiner Meeting, must be received by 4:00 p.m. on the day of the meeting.

For further questions, please contact us at the following, Community & Economic Development Department at 509-545-3441, or go to the City of Pasco website @ [www.Pasco-WA.gov](http://www.Pasco-WA.gov) and click on "Public Notices".  
IPL0029748  
Jun 27 2021

**NOTICE OF PUBLIC HEARING**

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 Deadline: July 14, 2021**

**Proposal:** Timothy Ulfkes, acting on behalf of Broadmor Properties LLC has submitted an application (**MF# Z 2021-006**) to rezone from RT (Residential Transition) to C-1 (Retail Business) Lots 4 &

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### Superior Court of Washington County of Benton Case NO: 21-5-00054-03

#### Order for Service of Summons by Publication in the Interest of Gabriel Andrew O'Dell

Basis: The court has considered Rogelio Noel Trevino (moving party)'s motion and declaration requesting that the summons in this matter be served by publication.

Findings: Based on the representations made in the declaration, the court FINDS that the summons in this matter may be served on Nathaniel Jones (nonmoving party) by publication in accordance with RCW 4.28.100

Order: IT IS ORDERED that the summons in this matter may be served on the nonmoving party by publication in conformity with RCW 4.28.100

Dated 06/07/2021

Presented by Rogelio Noel Trevino and signed by Judge Carrie Runge IPL0028001  
Jun 13,20,27,Jul 4 2021

### NOTICE OF FINAL ACCEPTANCE Columbia River Elementary School

Notice is hereby given that the Board of Education of Pasco School District No. 1 has, by resolution at a regularly scheduled meeting thereof on June 22, 2021, accepted the following project as final and complete.

Owner: Pasco School District No. 1  
Project: Columbia River Elementary School  
General Contractor: Chervenell Construction Co.

7511 W Arrowhead Suite B  
Kennewick, WA 99336

Date of Contract: May 17, 2019  
Date of Final Acceptance: June 22, 2021

Date for Release of Retainage: August 26, 2021

Any person or party having claim against the general contractor, the District, or the retainage bond arising out of said project must make claim with notice to the District and others according to the law.

Dated this 22rd Day of June, 2021  
Pasco School District No. 1  
1215 W. Lewis Street  
Pasco, WA 99301  
(509) 543-6700

By Michelle Whitney, Superintendent  
IPL0029893  
Jun 27, Jul 4 2021

### NOTICE TO VENDORS

The South Columbia Basin Irrigation District is soliciting vendor names to add to its current vendor list. All interested vendors are encouraged to submit their company name, address, telephone number, and product list to: "Vendor List"

South Columbia Basin Irrigation District  
R.O. Box 1006  
Pasco, WA 99301-1006

Any questions should be referred to Dan Johnson, Purchasing and Facilities Agent, at (509) 547-1735.  
IPL0030802  
Jul 4 2021

### Legals

#### CITY OF WEST RICHLAND 2021 CRACK SEALING AND STREET STRIPING PROJECT BENTON COUNTY, WASHINGTON INVITATION TO BID

The City of West Richland will receive sealed bids for the 2021 CRACK SEALING AND STREET STRIPING PROJECT at the Public Works Building, 3100 Belmont Blvd., Suite 102, West Richland, Washington, 99353 until **Tuesday, July 13, 2021, at 10:00 a.m.**

The project will crack seal and stripe various locations within the City in accordance with the specifications, drawings and contract documents.

To comply with the Governor's current Stay Home - Stay Healthy Proclamation 20-25, the City has made changes to the bid submittal and bid opening process for the above referenced bid.

The City will accept the following for bid submittals for the "2021 CRACK SEALING AND STREET STRIPING PROJECT".

1. Accept hand-delivered bids at the Municipal Services Facility: a. All paper bids shall be deposited in the Utility Payment Drop Box located at the east entrance of the parking lot of the Municipal Services Facility located at 3100 Belmont Blvd., West Richland, WA 99353. b. All bids will be retrieved at the bid opening time of **10:00 am, July 13, 2021**. No late bids will be accepted. Contractors are asked to maintain distance of six (6) feet from others when dropping off bids. c. Bid envelope shall be no larger than 6" x 9". Please include only the required items listed in the "Bidders Checklist" on page 11 of the Contract Documents. d. Clearly label the envelope to include "Bid on 2021 CRACK SEALING AND STREET STRIPING PROJECT"

2. Postal Service or Courier - BIDS MUST BE RECEIVED PRIOR TO THE BID OPENING DEADLINE. NO late bids will be accepted. a. Submit bids via US mail, UPS, Federal Express or mail courier to:  
City of West Richland  
Attn: Ilka Gilliam  
3100 Belmont Blvd., Suite 102  
West Richland, WA 99353  
b. Clearly label the envelope to include "Bid on 2021 CRACK SEALING AND STREET STRIPING PROJECT"

3. Submittals delivered by fax, telephone or email will **not** be accepted.

Additionally, Public Bid Opening will be held using Zoom meeting. Bidders will be need to attend the bid opening by either by calling in to hear the opening of by accessing Zoom Meeting to view the opening (see instruction below).

#### INSTRUCTIONS FOR ZOOM MEETING:

Join Zoom Meeting: <https://us02web.zoom.us/j/89216483549>  
Meeting ID: 892 1648 3549

Dial by your location:  
(253)215-8782(Tacoma); (346)248-7799(Houston); (669)900-6833(San Jose); (929)205-6099(New York); (301)715-8592(Germantown); (312)626-6799(Chicago)  
Meeting ID: 892 1648 3549

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashiers check, or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. Should the successful Bidder fail to enter into such contract and furnish satisfactory performance bond or quality assurance submittals within the time stated in the contract documents, the bid proposal deposit shall be forfeited to the **City of West Richland**. Each Bidder shall warrant that he has not entered into collusion with another bidder or any other person, and does not discriminate in any manner against any person based solely on race, color, sex or creed.

Upon request each firm, company, and/or corporation shall receive a PDF, at no cost, of all contract documents, specifications and plans by contract the Public Works Department of the City of West Richland by either phone, (509)967-5434, e-mail: [publicworks@westrichland.org](mailto:publicworks@westrichland.org), or by mail: 3100 Belmont Blvd, Suite 201, West Richland, WA 99353.

Only properly executed proposals submitted on the forms furnished by the **City of West Richland** will be accepted. The **City of West Richland** reserves the right to reject any or all bids, to waive any informality, to accept any bid deemed to be responsive in the best interest of the **City of West Richland**, and reserves the right to readvertise for new proposals.

The **City of West Richland** is an Equal Opportunity Employer, Minority and Women-Owned businesses are encouraged to bid.

The **City of West Richland**, in accordance with Title VI of the Civil Rights Act of 1964, 79 Stat. 252, 42 U.S.C. 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 23 will be afforded full opportunity to submit bids in

Roscoe C. Slade III, Public Works Director  
Name and Title

Public Dates:  
June 27, 2021  
July 4, 2021  
IPL0030033  
Jun 27, Jul 4 2021

### State Waste Discharge Permit ST0004502 permit renewal public comment period notification

The Washington State Department of Ecology (Ecology) is providing notification of a 30-day public comment period starting June 28 - July 28, 2021. We are inviting the public to comment on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEF). The Permittee is the U.S. Department of Energy. The 200 Area TEF is located on the Hanford Site in southeastern Washington.

**Renewal overview**The Permittee applied to renew the State Waste Discharge Permit for the 200 Area TEF. We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

After developing the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution of the groundwater. However, we will not make a final determination until we evaluate all comments received during this public comment period.

**How to comment**Ecology invites you to review and comment on this proposed permit renewal. The proposed modification is online at the Nuclear Waste Program's public comment period page at <https://ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-periods>. Copies of the proposed modification are located on the Administrative Record at <https://pdw.hanford.gov/> and at Information Repositories listed on the public comment page listed above. Please submit comments by **July 28, 2021**. Electronic submission (preferred): <https://nw.ecology.commentinput.com/?id=cHb7e>

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  
IPL0029535  
Jun 27, Jul 4 2021

### PASCO PUBLIC FACILITIES DISTRICT BOARD SPECIAL MEETING NOTICE

NOTICE IS HEREBY GIVEN that the Pasco Public Facilities District (PPFD) Board has moved their regularly scheduled a meeting for July to **Tuesday, July 6, 2021 at 4:00 PM**, at the City of Pasco's Council Chambers, as well as GoToMeeting. Discussion and/or approval items include:

1. Approval of June 15, 2021 Meeting Minutes
2. Approval of 2nd Quarter 2021 Expenses
3. Review of 2nd Quarter 2021 Financial Report
4. Ballot Measures for the November Election Resolution
5. Supplemental Funding Loan Request

A link to a detailed agenda is available on the City of Pasco's website on the Pasco Public Facilities District Board webpage under Board Documents. The Pasco City Clerk's Office may also provide a copy of the agenda - call 509.544.3096 or email [cityclerk@pasco-wa.gov](mailto:cityclerk@pasco-wa.gov).  
IPL0030283  
Jul 4 2021

### NOTICE OF MEETING TO ADOPT 2021-2022 BUDGET AND CONDUCT PUBLIC HEARING

NOTICE is hereby given, pursuant to RCW 28A.505.050 and RCW 28A.505.060, that the Board of Directors of Finley School District #53, Benton County, Washington will hold a regular meeting on July 19, 2021 at 6:00 p.m. in the District Board Room, 224606 E Game Farm Rd Kennewick WA. The meeting is called for the purpose of fixing and adopting the budget of the District for the 2021-2022 fiscal year. Prior to adoption of the 2021-2022 budget, the Board will hold a hearing for the purpose of receiving comments from the public on the 2021-2022 budget. Any person may appear at the hearing and be heard for or against any part of the 2021-2022 budget, the four year budget plan, or any proposed changes to uses of the enrichment funding under RCW 28A.505.240, (a.k.a Replacement Educational Programs and Operation Levy). Upon conclusion of the hearing, the Board shall fix and determine the appropriation from each fund contained in the 2021-2022 budget and shall, by resolution, adopt the 2021-2022 budget, the four year budget plan summary, and the four year enrollment projection. 2021-2022 budget information is available at the District Office, 224606 E Game Farm Rd, Kennewick WA  
/s/ Lance Hahn, Superintendent  
IPL0030443  
Jul 4,11 2021

### KENNEWICK PLANNING COMMISSION NOTICE OF PUBLIC HEARING

**July 19, 2021 at 6:30 p.m.**  
The Kennewick Planning Commission will hold a Public Hearing on Monday, July 19, 2021, remotely at 6:30 p.m. or as soon as possible thereafter, to receive public comment/testimony on the below Zoning Ordinance Amendment. Staff will be presenting analysis and the Planning Commission will make a recommendation to the City Council on the item. In response to the COVID-19 emergency, the hearing will be conducted online. To participate in the hearing use the link found at <https://www.go2kennewick.com/598/Planning-Commission>.  
Project# ZOA 21-02 - A Zoning Ordinance Amendment to amend certain sections of the Kennewick Municipal Code, Title 17: "Subdivisions". It is proposed that Section 17.10.260: "Long Plat (>= 10 lots) - Construction of Improvements", Section 17.12.055: "Binding Site Plan - Construction of Improvements", and Section 17.13.095: "Short Plat (<10 lots) - Construction of Improvements" be amended.

Questions or written comments may be addressed to Matt Halitsky and submitted to [matt.halitsky@ci.kennewick.wa.us](mailto:matt.halitsky@ci.kennewick.wa.us) or mailed to PO Box 6108, Kennewick, WA 99336. The City of Kennewick welcomes full participation in public meeting 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 hearing, please contact Matt Halitsky at (509) 585-4416 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.  
IPL0030644  
Jul 4 2021

City of West Richland, 3100 Belmont Blvd., West Richland, WA 99353, for change to water right CG4-23893@3 (BENT-21-05). The right holds a priority date of April 2, 1975. The existing right authorizes annual use for 1,400 gpm, 507 acre-ft., for year-round continuous municipal use. The existing points of diversion are all within NE1/4 of NE1/4, Section 6, T.9N, R.27 EWM; NE1/4 of SE1/4, Section 36, T.10N, R.27 EWM; NE1/4 of NE1/4, Section 12, T.9N, R.27 EWM; NE1/4 of NE1/4, Section 2, T.9N, R.27 EWM; NW1/4 of NW1/4, Section 2, T.9N, R.27 EWM; SE1/4 of NE1/4 of Section 17, T.9N, R.27 EWM. The existing place of use is all within the designated water system plan and service territory for West Richland. The requested change is to add a point of withdrawal, all within the NE1/4 of Section 11, T.9N, R.27 EWM. Per WAC 173-153-080 administrative rule for public notice information, interested parties are hereby directed to request the actual application documentation, and the detailed legal descriptions therein, from the BCWCB, at 509-783-1623. Application submitted by: Frontier Ranchettes HOA, % Brenden Ullrich, 56007 E. Taggart PR SE, Benton City, WA 99320, for change to water right G4-25694CWRRIS (BENT-21-06). The right holds a priority date of January 13, 1978. The right authorizes annual use of 125 gpm, 32 acre-ft., for continuous community domestic supply, including lawn and garden watering for 16 houses (0.5 acres per unit). The existing point of withdrawal is all within NE1/4 of Section 1, T.8N, R.27 EWM. The existing place of use is all within Section 1, T.8N, R.27 EWM, lying West of KID Main Canal, SP-1011, 1012, 1013, 1015. The requested change is for remedial administrative action to reconsider the existing permit proof of appropriation (POA) for technical errors; change certificate to added irrigation well, all within Section 1, T.8N, R.27 EWM; and with 500 gpm, 532 acre-ft., for continuous community domestic supply and irrigation of 50 acres. Per WAC 173-153-080 administrative rule for public notice information, interested parties are hereby directed to request the actual application documentation, and the detailed legal descriptions therein, from the BCWCB, at 509-783-1623. Under WADOE Rule WAC 173-153 and other agency regulations, any protests or objections to the approval of this application may be filed with the Department of Ecology and must include a detailed statement of the basis for objections; protests must be accompanied by a fifty dollar (\$50) recording fee and filed with the Cashiering Section, State of Washington, Department of Ecology, P.O. Box 47611, Olympia, WA 98504-7611 within thirty (30) days from the date of publication. Any interested party may submit comments, objections, and other information to the BCWCB regarding this application, per the above address. The comments and information may be submitted in writing, or verbally at any public meeting of the BCWCB; BCWCB, 3030 W. Clearwater, Ste. 205-A, Kennewick, WA 99336, 509-783-1623. Comments should include: name, address, and phone number of commenting party; identification of the change/transfers receiving comments; and detailed information or documentation to substantiate facts presented within the comments.  
IPL0031087  
Jul 4,11 2021

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### KENNEWICK PLANNING COMMISSION NOTICE OF PUBLIC HEARING

**July 19, 2021 at 6:30 p.m.**  
The Kennewick Planning Commission will hold a Public Hearing on Monday, July 19, 2021, remotely at 6:30 p.m. or as soon as possible thereafter, to receive public comment/testimony on the below Change of Zone. Staff will be presenting analysis and the Planning Commission will make a recommendation to the City Council on the item. In response to the COVID-19 emergency, the hearing will be conducted online. To participate in the hearing use the link found at <https://www.go2kennewick.com/598/Planning-Commission>.  
Project# COZ 21-08 - Knutzen Engineering submitted a Change of Zone from Residential, Low Density to Public Facility for 02 acres. The proposal is located at 4826 W Metaline Avenue. Questions or written comments may be addressed to Steve Donovan and submitted to [steve.donovan@ci.kennewick.wa.us](mailto:steve.donovan@ci.kennewick.wa.us) or mailed to PO Box 6108, Kennewick, WA 99336. The City of Kennewick welcomes full participation in public meeting 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 hearing, please contact Steve Donovan 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.  
IPL0030682  
Jul 4 2021

### NOTICE OF APPLICATION - CODE AMENDMENT

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. **Proposal:** The City of Pasco is proposing to create design and development standards for drive-through establishments. These regulations are intended to address the development impacts of drive-through establishments, operational elements, the site and built environment, and safety. The proposal will add a new section to the Use Regulations Chapter of the Pasco Municipal Code (PMC 25.165). A SEPA Determination of Non-Significance (DNS) was issued on March 3, 2021. **Public Comment Period:** Comments submitted to the Community Development Department by 12:00 p.m. on July 9, 2021 will be included in the Planning Commission's meeting packet. Comments submitted after will be distributed to the Planning Commission the day of the public hearing. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: [planning@pasco-wa.gov](mailto:planning@pasco-wa.gov). **Open Record Hearing:** The Planning Commission will conduct an open record hearing at 6:30 p.m. on July 15, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Planning Commission will consider public testimony concerning the above application at this meeting. **Determination of Completeness:** The application has been declared complete for the purpose of processing. **Project Permits Associated with this Proposal:** No permits are associated with this proposal at this time. **Estimated Date of the Decision:** The Planning Commission is estimated to make a final decision on this application by the July 15, 2021 Planning Commission meeting. Prepared 06/29/2021 by Jacob Gonzalez, Senior Planner, PO Box 293 Pasco, WA 99301 (509) 545-3441  
IPL0030750  
Jul 4 2021

### NOTICE OF APPLICATION - CODE AMENDMENT

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. **Proposal:** The City of Pasco is proposing to create design and development standards for drive-through establishments. These regulations are intended to address the development impacts of drive-through establishments, operational elements, the site and built environment, and safety. The proposal will add a new section to the Use Regulations Chapter of the Pasco Municipal Code (PMC 25.165). A SEPA Determination of Non-Significance (DNS) was issued on March 3, 2021. **Public Comment Period:** Comments submitted to the Community Development Department by 12:00 p.m. on July 9, 2021 will be included in the Planning Commission's meeting packet. Comments submitted after will be distributed to the Planning Commission the day of the public hearing. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: [planning@pasco-wa.gov](mailto:planning@pasco-wa.gov). **Open Record Hearing:** The Planning Commission will conduct an open record hearing at 6:30 p.m. on July 15, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Planning Commission will consider public testimony concerning the above application at this meeting. **Determination of Completeness:** The application has been declared complete for the purpose of processing. **Project Permits Associated with this Proposal:** No permits are associated with this proposal at this time. **Estimated Date of the Decision:** The Planning Commission is estimated to make a final decision on this application by the July 15, 2021 Planning Commission meeting. Prepared 06/29/2021 by Jacob Gonzalez, Senior Planner, PO Box 293 Pasco, WA 99301 (509) 545-3441  
IPL0030750  
Jul 4 2021

### NOTICE OF APPLICATION - CODE AMENDMENT

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. **Proposal:** The City of Pasco is proposing to create design and development standards for drive-through establishments. These regulations are intended to address the development impacts of drive-through establishments, operational elements, the site and built environment, and safety. The proposal will add a new section to the Use Regulations Chapter of the Pasco Municipal Code (PMC 25.165). A SEPA Determination of Non-Significance (DNS) was issued on March 3, 2021. **Public Comment Period:** Comments submitted to the Community Development Department by 12:00 p.m. on July 9, 2021 will be included in the Planning Commission's meeting packet. Comments submitted after will be distributed to the Planning Commission the day of the public hearing. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: [planning@pasco-wa.gov](mailto:planning@pasco-wa.gov). **Open Record Hearing:** The Planning Commission will conduct an open record hearing at 6:30 p.m. on July 15, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Planning Commission will consider public testimony concerning the above application at this meeting. **Determination of Completeness:** The application has been declared complete for the purpose of processing. **Project Permits Associated with this Proposal:** No permits are associated with this proposal at this time. **Estimated Date of the Decision:** The Planning Commission is estimated to make a final decision on this application by the July 15, 2021 Planning Commission meeting. Prepared 06/29/2021 by Jacob Gonzalez, Senior Planner, PO Box 293 Pasco, WA 99301 (509) 545-3441  
IPL0030750  
Jul 4 2021

### NOTICE OF APPLICATION - CODE AMENDMENT

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. **Proposal:** The City of Pasco is proposing to create design and development standards for drive-through establishments. These regulations are intended to address the development impacts of drive-through establishments, operational elements, the site and built environment, and safety. The proposal will add a new section to the Use Regulations Chapter of the Pasco Municipal Code (PMC 25.165). A SEPA Determination of Non-Significance (DNS) was issued on March 3, 2021. **Public Comment Period:** Comments submitted to the Community Development Department by 12:00 p.m. on July 9, 2021 will be included in the Planning Commission's meeting packet. Comments submitted after will be distributed to the Planning Commission the day of the public hearing. If you have questions on the proposal, contact the Planning Division at (509) 545-3441 or via e-mail to: [planning@pasco-wa.gov](mailto:planning@pasco-wa.gov). **Open Record Hearing:** The Planning Commission will conduct an open record hearing at 6:30 p.m. on July 15, 2021 in the Council Chambers in Pasco City Hall at 525 N 3rd Avenue in Pasco, Washington. The Planning Commission will consider public testimony concerning the above application at this meeting. **Determination of Completeness:** The application has been declared complete for the purpose of processing. **Project Permits Associated with this Proposal:** No permits are associated with this proposal at this time. **Estimated Date of the Decision:** The Planning Commission is estimated to make a final decision on this application by the July 15, 2021 Planning Commission meeting. Prepared 06/29/2021 by Jacob Gonzalez, Senior Planner, PO Box 293 Pasco, WA 99301 (509) 545-3441  
IPL0030750  
Jul 4 2021

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Tri-City Herald  
TRI-CITYHERALD.COM

### BEN FRANKLIN TRANSIT REQUEST FOR PROPOSAL PROAIR HEPA FILTERS FOR DIAL-A-RIDES RFP 21-26

Ben Franklin Transit (BFT), a municipal corporation of the State of Washington, is requesting bids from qualified Contractors interested in providing up to one-hundred (100) and a maximum of one-hundred and fourteen (114) HEPA Filters for BFT's Dial-A-Rides (DAR) vehicles. This procurement will be a Request for Proposal (RFP) for the purpose of services in accordance with the specifications, terms, and conditions set forth in RFP21-26. The Contractors bid will include fully loaded Labor Hour costs, equipment and materials in order to complete the work in accordance with Local, State, and Federal specifications and regulations. Proposals are due July 22, 2021 no later than 2:00 PM PDT via preferred method of BFT's ProcureNow portal: <https://secure.procurenow.com/portal/bft>. For more information on how to register for a FREE account with ProcureNow or to request a copy of the RFP please email a request to: [Errika.Armatrou@bft.org](mailto:Errika.Armatrou@bft.org), Office Phone: (509) 734-5187. Equal Employment Opportunity The contractor will be required to comply with all applicable Equal Opportunity laws and regulations. Disadvantage Business Goals. BFT affirmatively ensures that disadvantaged and Women-owned Business Enterprises (W/DBE'S) will be afforded full opportunity to submit bids in response to this request and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award. WISHA and OSHA Regulations The contractor agrees to abide by all laws, rules and regulations promulgated by the United States of America, the State of Washington, or any agencies or subdivisions thereof, specifically including WISHA and OSHA regulations currently in effect at time RFO due date and during the agreement term. Protest Procedure Policy BFT's protest procedure policy can be obtained by contacting BFT's Procurement Supervisor at the above address or phone number. Contractors who can demonstrate substantial economic interest may protest BFT's decision regarding a provision of the RFO or Award. BFT reserves the right to reject any or all quotes, to waive informalities and minor irregularities in quotes received with any contractor, and to accept quotes which are considered to be in the best interest of BFT. Contractors will be required to follow all Federal, State, and Local rules and regulations. IPL0031092  
Jul 4,15 2021

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Jul 4 2021

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# WSU falls to No. 17 USC on last-second jumper

BY JOE REEDY  
Associated Press

LOS ANGELES

Boogie Ellis hit a 16-foot jumper from the foul line with 0.2 seconds left to give No. 17 Southern California a 62-60 comeback victory over Washington State on Sunday night.

Washington State had a 60-57 advantage before USC scored the final five points. Max Agbonkpolo hit a 3-pointer to tie it with 2:15 remaining.

Ellis scored 21 points, with six coming in the final five minutes. Drew

Peterson added 17 points for the Trojans (23-4, 12-4 Pac-12). They have won four straight and are off to their best start since 1974.

The Cougars (14-12, 7-8) lost their fifth straight despite going 15 of 31 on 3-pointers. Tyrell Roberts had 16 points, including four 3-pointers, and Noah Williams added 14.

Washington State had a final chance after Ellis' jumper, but the inbound pass was intercepted by Joshua Morgan at the buzzer. In contrast to the prowess beyond the arc, the Cougars were 5 of 32 on 2-pointers.

Washington State scored eight straight points to take a 46-38 lead with 12:33 remaining. The Cougars were still up 57-51 with five minutes remaining before the Trojans ran off six straight to tie it.

The Trojans led most of the first half. They jumped out to a 16-6 advantage five minutes into the game as Peterson led the way with seven points. But the Cougars would slowly rally back and would take a 32-28 lead into the locker room at halftime.

Washington State ended the half on a 9-2 run, including a pair of 3-point-



MARCIO JOSE SANCHEZ AP

Washington State's Tyrell Roberts (2) goes for a shot during Southern California's 62-60 win Sunday in Los Angeles.

ers by Roberts. The Cougars were 9 of 17 from beyond the arc in the first half, but just 2 of 18 on 2-pointers.

**BIG PICTURE**  
**Washington State:** Ten of the Cougars' losses this season have been by five

points or under. They have dropped 12 straight against the Trojans with the last win coming in 2015 at USC.

**USC:** The Trojans were 19 of 25 on free throws after struggling from the line for most of the season.

FROM PAGE 7A

## BASKETBALL

wana 42-32.

The Bombers are a No. 7 seed, and will travel to play No. 2 Sumner. That game is set for 12 p.m. Saturday at Auburn High School.

Then Richland travels to Tacoma next week.

Chiawana is a No. 10 seed, and will play No. 15 Sunnyside in a loser-out state regional game at 8 p.m. Friday at Richland High School.

Winner goes to Tacoma, loser is done for the season.

Woodinville was given the No. 1 seed for the tournament by the seeding committee.

must fight for their playoff lives in a loser-out state regional game this coming weekend.

Prosser takes on No. 11 Mark Morris of Longview at 12 p.m. Saturday at W.F. West High School in Chehalis.

Grandview will play No. 13 Enumclaw at 12 p.m. Saturday at Davis High School in Yakima.

Prosser entered the six-team district tournament as the No. 3 seed. But the Mustangs beat No. 2 Ellensburg 68-66, then topped top-seeded Grandview 68-59 in the title game.

North Kitsap is the state tournament's top seed.

qualified.

Warden is the 2 seed, and will play No. 7 Liberty of Spangle at 6 p.m. Friday at Wenatchee High School in a game that guarantees both teams will play next week in the Spokane Arena.

Mabton is No. 12, and plays No. 13 Saint George's in a loser-out game at 6 p.m. Friday at Davis High School in Yakima.

And No. 14 Columbia-Burbank will take on No. 11 Rainier at 6 p.m. Friday

at Tumwater High School in another loser-out game.

La Conner is the top seed of the tournament.

**1B BOYS**

Sunnyside Christian and DeSales are both ranked in the top eight, which means they will be in the Spokane Arena next week for certain.

SSC, which beat DeSales 47-44 in the District 9 1B title game, will play No. 4 Willapa Valley at 4 p.m. at W.F. West High

School in Chehalis.

Meanwhile, No. 8 DeSales will take on No. 1-seeded Almirante-Coulee-Hartline at 12 p.m. Saturday at Eastmont High School.

**1B GIRLS**

No local teams qualified for state.

Mount Vernon Christian is the field's top seed.

Jeff Morrow is former sports editor for the Tri-City Herald.

## Teder leads Wash. State over No. 8 Arizona

Johanna Teder scored 21 points, including seven in the final two minutes, and Washington State beat No. 8 Arizona 72-67 on Sunday.

Belle Murekatete contributed 16 points, making 8-of-10 shots, and Charisse Leger-Walker scored 15 while also leading the Cougars (18-8, 10-5 Pac-12) with six assists.

With 2:44 left, Arizona (19-5, 9-5) cut the Cougars nine point lead to just two on a three pointer from Helena Pueyo. But with 1:45 to go Teder knocked down her fifth 3-pointer of the day to put Washington State up five.

The crowd erupted as Teder followed that with a layup on the next possession that put ended any chance of a comeback by No. 8 Arizona.

— ASSOCIATED PRESS

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**3A BOYS**

Because Class 3A has almost 80 schools in its rankings, the boys and girls tournaments involve 20 teams, rather than the usual 16.

The Kennewick boys went 3-0 last week in the District 8 tournament, beating University, then Mead, and finally Ferris 45-43 in the title game in the Spokane Arena on Friday.

Somehow, though, the seeding committee gave Ferris a 12 seed, while the Lions got a 15.

That means Kennewick must host a play-in game at 7 p.m. Tuesday, with No. 18 Ferndale. (Tickets for this game must be purchased online).

If Kennewick can win, the Lions will travel to play No. 10 Lake Washington at Bellevue College at 6 p.m. Friday in a win-and-go-to-Tacoma, lose-and-you're-out game.

No. 1 seed in the tournament is Garfield.

**3A GIRLS**

Hermiston and Kennewick qualified for state regionals, but both are low seeds and must also play in play-in games on Tuesday.

Hermiston, which lost to Mead 66-47 in the district title game last Friday, is a No. 14 seed. The Bulldogs will play host to No. 19 Peninsula at 7 p.m. Tuesday in a loser-out contest.

If they should win, the Bulldogs would then travel to play No. 11 Everett at 2 p.m. Saturday at Everett Community College.

Kennewick is seeded 20<sup>th</sup>, and Daron Santo's team will visit No. 13 Gig Harbor at 6 p.m. Tuesday.

A win there, and the Lions will take on No. 12 Bonney Lake at 2 p.m. Saturday at Auburn High School in another loser-out contest.

The Lions qualified by winning the district third-place game Saturday, edging Ferris 55-54.

Mead is the top seed in the tournament.

**2A BOYS**

CWAC district champion Prosser earned a 14 seed, while Grandview — which bounced back to earn the second state regional berth — is a 12 seed.

Because of that, they

**2A GIRLS**

Prosser's girls placed second in the CWAC district tournament, and earned a No. 11 seed for state regionals.

The Mustangs will play No. 14 Enumclaw at 6 p.m. Friday at Richland High School, in a winner-to-state, loser-out game.

Tumwater is the tournament's top seed.

**1A BOYS**

Wahluke got into the tournament by earning the third and final SCAC district state regional berth last week.

The Warriors are ranked 16<sup>th</sup> in the state regional, and must play No. 9 Blaine at 4 p.m. Saturday at Mount Vernon High School.

The winners earns a spot in the Yakima Valley SunDome field next week. The loser is done.

King's is the tournament's top seed.

**1A GIRLS**

No area teams qualified for state regionals.

Lynden Christian is the top seeded team.

**2B BOYS**

This one is troubling. Despite being No. 4 in the state RPI rankings and boasting a 22-1 record, Columbia-Burbank was handed a 10 seed by the tournament seeding committee.

The Coyotes, who won the EWAC district title last Saturday, will play No. 15 Ilwaco at 2 p.m. Saturday at Richland High School in a loser-out game.

Very confusing.

Also making the field: Mabton is a 14 seed, while upstart River View got in with a 6-17 record and was awarded the 16 seed.

Both will play loser-out games this weekend.

Mabton takes on No. 11 Toutle Lake at 4 p.m. Saturday at Mark Morris High School in Longview.

River View, which started the season out 0-13 but went 6-4 in its last 10 games, plays No. 9 Lake Roosevelt at 2 p.m. Saturday at Eastmont High School in East Wenatchee.

Kalama is the top seeded team.

**2B GIRLS**

Warden, Mabton and Columbia-Burbank all

**Legals**

**SUPERIOR COURT, STATE OF WASHINGTON COUNTY OF SPOKANE**  
**KAYLIN T. MCMILLEN, an unmarried person**

**Plaintiff,**

**v.**

**MARK E. PARKER and KAAREN D. PARKER, husband and wife, TIMMY FISHER and JANE DOE FISHER, husband and wife, OAKWOOD ACCEPTANCE CORPORATION, LLC, a foreign corporation, WASHINGTON DEPARTMENT OF LICENSING**

**Defendants.**

**No. 22-2-00203-32**

**SUMMONS (60 Days)**

The State of Washington to the said TIMMY FISHER and JANE DOE FISHER and the OAKWOOD ACCEPTANCE CORPORATION, LLC and other persons who may have or claim a lien or other right, title or interest actual or contingent, in the below described mobile home:

You are hereby summoned to appear within sixty days after the date of the first publication of this summons, to wit, within sixty days after the 25th day of January, 2022, and defend the above entitled action in the above entitled court, and answer the complaint of the plaintiff, KAYLIN T. MCMILLEN, and serve a copy of your answer upon the undersigned attorneys for plaintiff, Waldo, Schweda & Montgomery, P.S., at their office below stated; and in case of your failure so to do, judgment will be rendered against you according to the demand of the complaint, which has been filed with the clerk of said court.

The object of this action is to: (i) declare KAYLIN T. MCMILLEN the sole and rightful owner of the 1999 GOLDEN mobile home (VIN # GWOR23N21916), located at 5016 E. Frederick Avenue, Spokane, Washington 99217; and (ii) The Washington State Department of Licensing be directed to issue a title certificate to the aforementioned mobile home naming Kaylin T. McMillen as the sole owner and titleholder thereof.

Dated this 21st day of January 2022.  
WALDO, SCHWEDA & MONTGOMERY, P.S. /s/PETER S. SCHWEDA, WSBA #7494

Attorney for Plaintiff  
2206 N. Pines Rd  
Spokane Valley, WA 99206  
Tele: 509-924-3686  
Fax: 509-924-3686

/s/RYAN J. HUNT, WSBA #58624  
Attorney for Plaintiff  
2206 N. Pines Rd  
Spokane Valley, WA 99206  
Tele: 509-924-3686  
Fax: 509-924-3686  
IPL0057607  
Jan 25, Feb 1, 8, 15, 22, Mar 1 2022

**NOTICE OF HEARING**  
Notice is hereby given that a PETITION HAS BEEN FILED with the Board of Directors of Franklin County Irrigation District #1 by Faith Tri-Cities, the noted holders of title to all lands herein after described, praying that the following described lands be included within the District: Parcel #118-481-046; Legal description 165' OF E 230' OF SE4NW4SE4 21-9-29. ALL PERSONS interested in or that may be affected by such inclusion of land described above are hereby notified to appear at the office of the Board of Directors, 4320 Road 111, Pasco, WA, on March 1, 2022, at 5:00 PM being the regular meeting of the Board next after the last date of publication of this Notice of Hearing and show cause in writing, if any they have, why such land should not be included within the District as prayed for in the petition dated January 19, 2022.

Genni Currie, Secretary  
Franklin County Irrigation District #1  
IPL0061353  
Feb 22, 25, 28 2022

**200 Area TEDF State Waste Discharge permit ST0004502 permit renewal public comment period**  
Feb. 22 – March 24, 2022

Ecology is inviting the public to comment on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The permittee is the U.S. Department of Energy. The 200 Area TEDF is located on the Hanford Site in southeastern Washington.

**Proposed changes**  
Energy applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

During the first public comment period for this draft permit and fact sheet, the permittee submitted comments requesting significant changes to the draft permit and fact sheet. After discussion with the permittee on their comments, we agreed to include some of the requested changes. These changes include increased effluent limits from those proposed in the first draft permit.

**How to comment**  
The proposed modification is available for review online at the Nuclear Waste Program's (NWP) public comment period page at <https://ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-periods>.

Electronic copies of the proposed modification are also located at the <https://pdw.hanford.gov/> and Information Repositories listed on the NWP public comment period page. Please submit comments by **March 24, 2022**. Electronic submission is preferred.

<https://nw.ecology.commentinput.com/?id=CH7e>  
Mail or hand-deliver to:  
Daina McFadden  
3100 Port of Benton Blvd  
Richland WA 99354

**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  
IPL0060863  
Feb 22 2022

**BENTON COUNTY WATER CONSERVANCY BOARD WATER RIGHT CHANGE/TRANSFER REVIEW**

Public Notice is hereby given that the BCWCB is holding a regular meeting to review outstanding water right change/transfer applications for Mercer Ranches, City of West Richland, Fewel Farms, and Loyal Pig; and will conduct general administrative business, including an executive session concerning Benton County Superior Court litigation matters. The BCWCB meeting is February 22, 2022, at 4:00 p.m., at the office of Pacific NW Project, 3030 W. Clearwater, Ste 205-A, Kennewick, WA (509-783-1623). The meeting is open to the public and additional information on pending applications is available upon request.  
IPL0061420  
Feb 22 2022

**Auctions**

**Abandoned Vehicle Sale Clearwater Collision**  
**4023 W Clearwater, Kennewick**  
**Thursday 2-24-2022**

- 2004 MITS ENDEAVOR LIC#798YSX VIN#4A4M21S04E127086
- 2000 DODGE STRATUS LIC#279YKF VIN#1B3EJ56H7Y284692

[TRI-CITYHERALD.COM](http://TRI-CITYHERALD.COM)

**Abandoned Vehicle Sale Mid-Columbia Towing**  
**4023 W Clearwater, Kennewick**  
**Auction Thursday 2-24-2022**

- 1995 HONDA ACCORD LIC#BKY1488 VIN#JH4MCDS534SC01609

**Animals**

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pug Pug puppies AKC both fawn black and apricot \$1,500 ready for their forever home, Vet check and registration packet, local 509 426-1800

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50 year old male seeking ground level apt. Disabled, limited income, clean, reliable, good references 509-366-1526 retired law enforcement

**Employment**

**Employment**  
The City of Yakima Engineering Division has civil engineering opportunities. View the complete job postings at [www.yakimawa.gov/jobs](http://www.yakimawa.gov/jobs)

**DESIGN ENGINEER**  
\$5,378.53 - \$6,451.47 Monthly

**DEVELOPMENT ENGINEER**  
\$5,018.00 - \$6,026.80 Monthly

Closing 02/28/22. EOE



Richland School District is accepting applications for **Substitute Custodians**. Starting pay is \$16.73 per hour with an increase to \$18.82 per hour after 30 working days. See the job descriptions at: <https://richlandjobs.hrmlplus.net/JobOpenings.aspx> and apply online at: <https://richlandjobs.hrmlplus.net/>. These positions are open until filled.

**Accounting Clerk**

The South Columbia Basin Irrigation District is accepting applications for the position of Accounting Clerk. Desired experience: Payroll preparation including reconciling and balancing payroll deductions, health insurance billing, pension processing, data entry, cash handling/receiving, bank reconciliations, and customer service. Previous experience with payroll and public utilities software such as Springbrook, Storm, and Crystal Reports a plus. Associates degree in a related field preferred. Wage: \$17.66 - \$23.21 per hour DOQ. Benefit package includes medical, dental, retirement, paid vacation, holidays and sick leave. Interested parties should submit a resume and letter of interest to HR Manager, P.O. Box 1006, Pasco, WA 99301 by 2/25/22.

**Service Directory**

**Cleaning & Janitorial**  
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**Service Directory**

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**City Turf**  
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**Miscellaneous**

**Automotive**

For Sale 2011 Toyota Land Cruiser 49,900 miles, equipped w/HD Steel front bumper, warn winch, safari snorkel, steel roof rack \$57,000 Call 509-491-8763

**WANTED** Vintage Mazdas, Sports Cars, Muscle Cars, Step Vans. Vintage Mazda rotary cars & trucks R100, 1200, 808, RX2, RX3, RX4, RX5, RX7, Cosmo, Repu. Running or not, scrap cars, parts. 425-891-4128

**Merchandise**

**LOOKING TO BUY**  
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**Misc.**

**WANTED: \$\$\$ for vintage clothing**  
Looking to buy vintage clothing from the 1990s and before in any condition. Levis, T shirts, workwear, we pay cash for a vintage clothing pre 1990s. Give me a call 509-832-1526

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**From:** [McFadden, Daina \(ECY\)](#)  
**To:** [HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV](mailto:HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV)  
**Subject:** 30-day notice of upcoming comment period  
**Date:** Tuesday, October 6, 2020 2:24:42 PM

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## 200 Area Treated Effluent Disposal Facility Permit Renewal 30-Day Advance Notice

The Washington State Department of Ecology is providing notification of a 30-day public comment period starting November 2020. This comment period will address the proposed renewal of State Waste Discharge Permit Number ST0004502, for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The Permittees are the U.S. Department of Energy and Washington River Protection Solutions. The 200 Area TEDF is located on the Hanford Site in southeastern Washington.

### Renewal overview

The Permittees applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

Ecology reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

After developing the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution of the groundwater. However, we will not make a final determination until we evaluate all comments received during this public comment period.

### 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](mailto:Hanford@ecy.wa.gov)  
509-372-7950

---

Ecology logo



Visit us on the [web](#) and follow our [news and social media](#).

**From:** [McFadden, Daina \(ECY\)](#)  
**To:** [HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV](mailto:HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV)  
**Subject:** Public comment period starting late June  
**Date:** Friday, May 28, 2021 9:06:03 AM

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## 200 Area Treated Effluent Disposal Facility Permit Renewal 30-Day Advance Notice

The Washington State Department of Ecology is providing notification of a 30-day public comment period starting late June 2021. This comment period will address the proposed renewal of State Waste Discharge Permit Number ST0004502, for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The Permittees are the U.S. Department of Energy and Washington River Protection Solutions. The 200 Area TEDF is located on the Hanford Site in southeastern Washington.

### [Renewal overview](#)

The Permittees applied to renew the State Waste Discharge Permit for the 200 Area TEDF. Ecology reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code. After developing the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution of groundwaters. However, we will not make a final determination until we evaluate all comments received during this public comment period.

### [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](mailto:Hanford@ecy.wa.gov)

509-372-7950

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**From:** [McFadden, Daina \(ECY\)](#)  
**To:** [HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV](mailto:HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV)  
**Subject:** New 30-day comment period starts today!  
**Date:** Monday, June 28, 2021 11:29:32 AM

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## State Waste Discharge Permit ST0004502 permit renewal public comment period notification

The Washington State Department of Ecology (Ecology) is providing notification of a 30-day public comment period starting June 28 – July 28, 2021. We are inviting the public to comment on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The Permittee is the U.S. Department of Energy. The 200 Area TEDF is located on the Hanford Site in southeastern Washington.

### [Renewal overview](#)

The Permittee applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

After developing the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution of the groundwater. However, we will not make a final determination until we evaluate all comments received during this public comment period.

### [How to comment](#)

Ecology invites you to review and comment on this proposed permit renewal. 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 **July 28, 2021**. Electronic submission (preferred): [State Waste Discharge Permit ST0004502 for the 200 Area TEDF permit renewal](#)

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](mailto:Hanford@ecy.wa.gov)  
509-372-7950

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**From:** [McFadden, Daina \(ECY\)](#)  
**To:** [HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV](mailto:HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV)  
**Subject:** State Waste Discharge Permit renewal comment period extended  
**Date:** Tuesday, July 27, 2021 3:39:43 PM

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## State Waste Discharge Permit ST0004502 permit renewal public comment period extension notification

The Washington State Department of Ecology (Ecology) is providing notification that the 30-day public comment period, which started on June 28, 2021, is being extended to **August 26, 2021**. We are inviting the public to comment on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The Permittee is the U.S. Department of Energy. The 200 Area TEDF is located on the Hanford Site in southeastern Washington.

### Renewal overview

The Permittee applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

After developing the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution of the groundwater. However, we will not make a final determination until we evaluate all comments received during this public comment period.

### How to comment

Ecology invites you to review and comment on this proposed permit renewal. 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 **August 26, 2021**. Electronic submission (preferred):

[State Waste Discharge Permit ST0004502 for the 200 Area TEDF permit renewal](#)

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](mailto:Hanford@ecy.wa.gov)

509-372-7950

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**From:** [Washington Department of Ecology](#)  
**To:** [McFadden, Daina \(ECY\)](#)  
**Subject:** 30-Day Advance Notice for the 200 Area Treated Effluent Disposal Facility Permit Renewal  
**Date:** Friday, January 21, 2022 9:01:32 AM



## 30-day notice of upcoming public comment period

### 200 Area Treated Effluent Disposal Facility Permit Renewal

The Washington State Department of Ecology is providing notification of a 30-day public comment period starting late February 2022. This comment period will address the proposed renewal of State Waste Discharge Permit Number ST0004502, for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF), located on the Hanford Site in southeastern Washington. The Permittee is the U.S. Department of Energy.

#### Renewal overview

The Permittee applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

Ecology reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

After developing the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution of groundwaters. However, we will not make a final determination until we evaluate all comments received during this public comment period.

#### 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  
*Permit Communications Specialist*

✉ [Hanford@ecy.wa.gov](mailto:Hanford@ecy.wa.gov)

☎ 509-372-7950

**From:** [Washington Department of Ecology](#)  
**To:** [McFadden, Daina \(ECY\)](#)  
**Subject:** State Waste Discharge permit comment period starts today!  
**Date:** Tuesday, February 22, 2022 9:06:11 AM



## Public comment period

### Public comment period starting for the 200 Area TEDF State Waste Discharge permit ST0004502 permit renewal

Ecology is inviting the public to comment on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The permittee is the U.S. Department of Energy. The 200 Area TEDF is located on the Hanford Site in southeastern Washington.

The following plan is now available for public comment:

**Starting:** Feb. 22, 2022

**Ending:** March 24, 2022

### Proposed changes

Energy applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

During the first public comment period for this draft permit and fact sheet, the permittee submitted comments requesting significant changes to the draft permit and fact sheet. After discussion with the permittee on their comments, we agreed to include some of the requested changes. These changes include increased effluent limits from those proposed in the first draft permit.

[Read Plan](#)

### How to comment

The proposed permit renewal is available for review online at the Nuclear Waste

Program's public comment page.

Electronic copies of the permit renewal are also located at the [Administrative Record](#) and [Information Repositories](#).

Please submit comments by **March 24, 2022**. Electronic submission is preferred.

[State Waste Discharge Permit ST0004502 for the 200 Area TEDF](#)

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

[Comment](#)

## 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:

### Daina McFadden

*Permit Communication Specialist*

✉ Hanford@ecy.wa.gov

☎ 509-372-7950

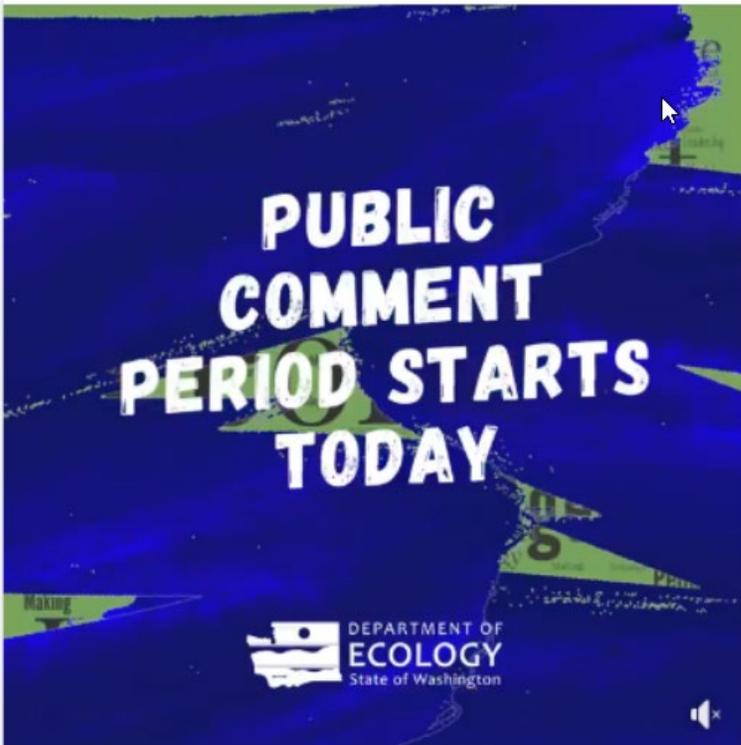


### Washington Department of Ecology - Hanford

Published by Ecology Ryan · 1m · 🌐

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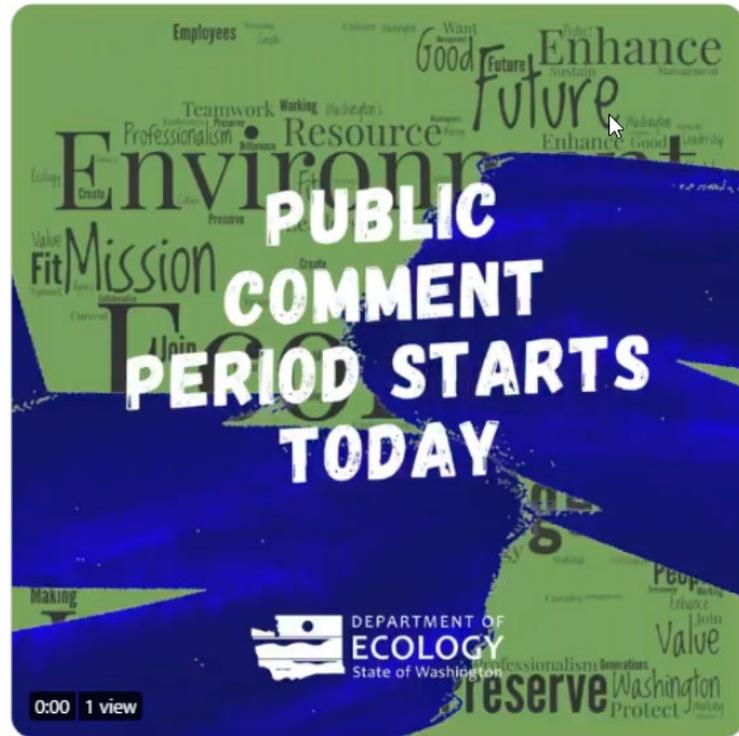
We have TWO new #Hanford public comment periods starting today! They involve the State Waste Discharge Permit and the Low-Activity Waste Pretreatment System. Learn more and get comments in by July 28 & Aug. 12: <https://ecology.wa.gov/Waste-Toxics/Nuclear-was...> See More



### Ecology - Hanford @ecyHanford · 2m

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We have TWO new #Hanford public comment periods starting today! They involve the State Waste Discharge Permit and the Low-Activity Waste Pretreatment System. Learn more and get comments in by July 28 & Aug. 12: [ecology.wa.gov/Waste-Toxics/N...](https://ecology.wa.gov/Waste-Toxics/N...) @EcologyWA @HanfordSite @EPANorthwest

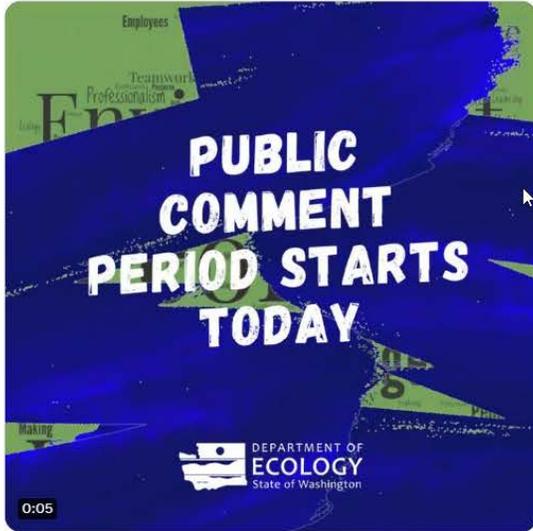


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Ecology - Hanford @ecyHanford · 48s

A new @EcologyWA #Hanford public comment period begins today, involving the 200 Area Treated Effluent Disposal Facility. Check it out and get your input in by March 24: [ecology.wa.gov/Waste-Toxics/N...](https://ecology.wa.gov/Waste-Toxics/N...)  
@HanfordSite @RiverProtection @EPAnorthwest



0:05 [comment icon] [share icon] [heart icon] [upload icon] [video player icon]

**Washington Department of Ecology - Hanford**  
Published by Ecology Ryan · Just now

A new Washington Department of Ecology #Hanford public comment period begins today, involving the 200 Area Treated Effluent Disposal Facility. Check it out and get your input in by March 24:  
<https://ecology.wa.gov/.../Nuclear.../Public-comment-periods>  
Hanford Site U.S. Department of Energy, Office of River Protection U.S. EPA, Region 10

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# 200 Area TEDF State Waste Discharge permit ST0004502 permit renewal

Feb. 22, 2022 – March 24, 2022

We're holding a 30-day public comment period on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The permittee is the U.S. Department of Energy. The 200 Area TEDF is located on the Hanford Site in southeastern Washington.

## Proposed changes

Energy applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

During the first public comment period for this draft permit and fact sheet, the permittee submitted comments requesting significant changes to the draft permit and fact sheet. After discussion with the permittee on their comments, we agreed to include some of the requested changes. These changes include increased effluent limits from those proposed in the first draft permit.

## Review and comment

Copies of the proposed permit renewal and supporting documents are available below, at the Hanford Information Repositories listed at the bottom of this page, and at the [Hanford Administrative Record](#).

Please submit comments by **March 24, 2022**, [electronically](#) (preferred), or deliver to:

Daina McFadden  
3100 Port of Benton Blvd  
Richland WA 99354

A public hearing is not scheduled, but if there's enough interest, we will consider holding one. To request a hearing, contact Daina McFadden by [email](#) or call 509-372-7950.

## Documents

[Transmittal Letter](#)

[Cover Sheet](#)

[Focus Sheet](#)

[Fact Sheet](#)

[Permit](#)

## State Waste Discharge Permit ST0004502 permit renewal

June 28, 2021 – July 28, 2021

Our agency is holding a 30-day public comment period and are inviting the public to comment on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The permittee is the U.S. Department of Energy. The 200 Area TEDF is located on the Hanford Site in southeastern Washington.

### Renewal overview

The permittee applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

After developing the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution of the groundwater. However, we will not make a final determination until we evaluate all comments received during this public comment period.

### Review and comment

Copies of the proposed permit renewal and supporting documents are available below, at the Information Repositories at the bottom of this page, or at the [Hanford Administrative Record](#).

Please submit comments by **July 28, 2021**, [electronically](#) (preferred), or deliver to:

Daina McFadden  
3100 Port of Benton Blvd  
Richland, WA, 99354  
Fax 509-372-7971

A public hearing is not scheduled, but if there's enough interest, we will consider holding one. To request a hearing, contact Daina McFadden by [email](#) or call 509-372-7950.

### Documents

[Cover sheet](#)

[Transmittal letter](#)

[Focus sheets](#)

[Fact sheet](#)

[Draft State Waste Discharge Permit No ST0004502](#)

# 200 Area TEDF State Waste Discharge permit ST0004502 permit renewal

Feb. 22, 2022 – March 24, 2022

We're holding a 30-day public comment period on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF). The permittee is the U.S. Department of Energy. The 200 Area TEDF is located on the Hanford Site in southeastern Washington.

## Proposed changes

Energy applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

During the first public comment period for this draft permit and fact sheet, the permittee submitted comments requesting significant changes to the draft permit and fact sheet. After discussion with the permittee on their comments, we agreed to include some of the requested changes. These changes include increased effluent limits from those proposed in the first draft permit.

## Review and comment

Copies of the proposed permit renewal and supporting documents are available below, at the Hanford Information Repositories listed at the bottom of this page, and at the [Hanford Administrative Record](#).

Please submit comments by **March 24, 2022**, [electronically](#) (preferred), or deliver to:

Daina McFadden  
3100 Port of Benton Blvd  
Richland WA 99354

A public hearing is not scheduled, but if there's enough interest, we will consider holding one. To request a hearing, contact Daina McFadden by [email](#) or call 509-372-7950.

## Documents

[Transmittal Letter](#)

[Cover Sheet](#)

[Focus Sheet](#)

[Fact Sheet](#)

[Permit](#)



COMMENT PERIOD

# 200 Area TEDF State Waste Discharge permit ST0004502

## Draft permit renewal

Feb. 22, 2022 - March 24, 2022, 11:59 p.m.

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We're holding a 30-day public comment period on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF).

The permittee is the U.S. Department of Energy. The 200 Area TEDF is located on the Hanford Site in Southeastern Washington.

## Review and comment

The modification proposal and supporting documents are on our [Hanford public comment periods](#) page.

## Background and renewal

Energy applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

We reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

During the first public comment period for this draft permit and fact sheet, the permittee submitted comments requesting significant changes to the draft permit and fact sheet. After discussion with the permittee on their comments, we agreed to include some of the requested changes. These changes include increased effluent limits from those proposed in the first draft permit.

For more information see the [Nuclear Waste Program public](#) comment page.



### Comment online

- Use our [online comment form](#)
- Submit your comment by email: [Hanford@ecy.wa.gov](mailto:Hanford@ecy.wa.gov)



### Comment by mail

Daina McFadden  
3100 Port of Benton Blvd  
Richland, WA 99354



### Questions

Daina McFadden  
Permit Communication Specialist  
[Hanford@ecy.wa.gov](mailto:Hanford@ecy.wa.gov)  
509-372-7950

To request ADA accommodation, contact Ecology's ADA Coordinator by email at [ecyadacoordinator@ecy.wa.gov](mailto:ecyadacoordinator@ecy.wa.gov), or call 360-407-6831, 711 (relay service), or 877-833-6341 (TTY). More about our [accessibility services](#).