December 6, 2021

Brian T. Vance, Manager
Richland Operations Office
United States Department of Energy
PO Box 550, MSIN: H5-30
Richland, Washington 99352

Scott Sax, President and Project Manager
Central Plateau Cleanup Company LLC
PO Box 1464, MSIN: A7-01
Richland, Washington 99352

Re: Final Class 3 Permit Modification 8C.2021.1F to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste, Part V, Closure Unit Group 27, 277-T Building; Closure Unit Group 28, 277-T Outdoor Storage Area; Closure Unit Group 29, 271-T Cage; Closure Unit Group 30, 211-T Pad; Closure Unit Group 37, 221-T Sand Filter Pad; Closure Unit Group 39, 2401-W Waste Storage Building; and Closure Unit Group 41, 221-T Railroad Cut, WA7890008967

References: See page 5

Dear Brian T. Vance and Scott Sax:

This letter issues the Department of Ecology’s (Ecology) final permit decision on the draft 8C.2018.6D permit modification (Reference 1), now issued as the final 8C.2021.1F permit modification.

Ecology incorporated the final 8C.2021.1F permit modification in Part V of the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste (Site-wide Permit). The following Closure Unit Groups (CUGs) were incorporated: Central Waste Complex (CWC) CUG-39, 2401-W Waste Storage Building, and T Plant Complex (T Plant) CUG-27, 277-T Building; CUG-28, 277-T Outdoor Storage Area; CUG-29, 271-T Cage; CUG-30, 211-T Pad; CUG-37, 221-T Sand Filter Pad; and CUG-41, 221-T Railroad Cut. In accordance with Washington Administrative Code (WAC) 173-303-840(8)(b), these T Plant and CWC CUGs are effective January 6, 2022.
The Permittees are the United States Department of Energy (USDOE) as owner/operator and Central Plateau Cleanup Company LLC as co-operator. This Class 3 permit modification was required in response to the Environmental Protection Agency Consent Agreement and Final Order (CAFO) against the USDOE for violations of the Resource Conservation and Recovery Act of 1976 (RCRA) program at the Hanford Facility’s Solid Waste Operations Complex (Reference 2). The Permittees requested a Class 3 Permit Modification on October 11, 2013 (Reference 3), for the CAFO units and on October 18, 2013 (Reference 4), for the non-CAFO units. The Permittees submitted revised closure plans for 211-T Pad (CUG-30), 277-T Building (CUG-27), 271-T Cage (CUG-29), and 2401-W Waste Storage Building (CUG-39) DWMUs on August 9, 2018 (Reference 5) and for 221-T Sand Filter Pad (CUG-37), 277-T Outdoor Storage Area (CUG-28), and 221-T Railroad Cut (CUG-41) on November 1, 2018 (Reference 6). The Permittees provided additional supplemental information to support these closure plans on October 15, 2018 (Reference 7).

The CAFO units include 277-T Outdoor Storage Area (CUG-28); 271-T Cage (CUG-29); 211-T Pad (CUG-30); 221-T Sand Filter Pad (CUG-37); and 2401-W Waste Storage Building (CUG-39). The non-CAFO units include 277-T Building (CUG-27) and 221-T Railroad Cut (CUG-41).

The Addenda provided for each of the unit groups include the Addendum H, Closure Plan and the Unit-Specific Permit Conditions.

As required by WAC 173-303-840(3)(d), Ecology held a 45-day public comment period from June 8, 2020, through July 24, 2020 (Reference 1). Ecology reopened the public comment period from September 21, 2020, through November 4, 2020 (Reference 8). Ecology received 830 public comments during the public comment period.

Ecology reviewed the comments, and a Response to Comments document is on the enclosed DVD (Ecology Publication 21-05-027) and on Ecology’s publication website at https://apps.ecology.wa.gov/publications/summarypages/2105027.html.


The permit modification is also on the enclosed DVD. A DVD is located at the Hanford Public Information Repositories in Richland, Spokane, and Seattle, Washington, as well as Portland, Oregon. A hard copy and DVD is on file at the locations listed below:

- Department of Ecology
- Nuclear Waste Program
- 3100 Port of Benton Boulevard
- Richland, Washington 99354
- United States Department of Energy
- Administrative Record
- 2440 Stevens Center Place
- Richland, Washington 99354
Individuals can request copies of the DVD and hard copies by contacting Ecology’s Resource Center at (509) 372-7950.

In accordance with WAC 173-303-830(4)(f)(ii), Ecology’s decision to grant or deny a Class 3 Permit Modification request under this section may be appealed under the permit appeal procedures of WAC 173-303-845.

Your Right to Appeal

You have a right to appeal this permit modification to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt of this Permit. The appeal process is governed by Chapter 43.21B of the Revised Code of Washington (RCW) and Chapter 371-08 of the WAC. “Date of receipt” is defined in RCW 43.21B.001(2).

To appeal you must do all of the following within 30 days of the date of receipt of this Permit:

- File your appeal and a copy of this Permit with the PCHB (see addresses in this letter). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this Permit on Ecology in paper form – by mail or in person (see addresses below). E-mail is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B of the RCW and Chapter 371-08 of the WAC.

1. To file your appeal with the Pollution Control Hearings Boards

<table>
<thead>
<tr>
<th>Mail appeal to:</th>
<th>OR</th>
<th>Deliver your appeal in person to:</th>
</tr>
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<tbody>
<tr>
<td>The Pollution Control Hearings Board</td>
<td>The Pollution Control Hearings Board</td>
<td></td>
</tr>
<tr>
<td>PO Box 40903</td>
<td>1111 Israel Road, Southwest, Suite 301</td>
<td></td>
</tr>
<tr>
<td>Olympia, Washington 98504-0903</td>
<td>Tumwater, Washington 98501</td>
<td></td>
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2. To serve your appeal on the Department of Ecology

<table>
<thead>
<tr>
<th>Mail appeal to:</th>
<th>OR</th>
<th>Deliver your appeal in person to:</th>
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<tbody>
<tr>
<td>The Department of Ecology</td>
<td>The Department of Ecology</td>
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<tr>
<td>Appeals Processor</td>
<td>Appeals Processor</td>
<td></td>
</tr>
<tr>
<td>PO Box 47608</td>
<td>300 Desmond Drive Southeast</td>
<td></td>
</tr>
<tr>
<td>Olympia, Washington 98504-7608</td>
<td>Lacey, Washington 98503</td>
<td></td>
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3. **Send a copy of your appeal to:**

   Kelly Elsethagen  
   Department of Ecology  
   Nuclear Waste Program  
   3100 Port of Benton Boulevard  
   Richland, Washington  99354  

If there are any questions, please contact Kelly Elsethagen, Project Manager, at  
[kelly.elsethagen@ecy.wa.gov](mailto:kelly.elsethagen@ecy.wa.gov) or (509) 372-7923 or Debra Alexander, Hanford Facility Revision 8C Dangerous Waste Permit Coordinator, at  
debra.alexander@ecy.wa.gov or (509) 372-7896.

Sincerely,

[Signature]

Stephanie Schleif  
Deputy Program Manager  
Nuclear Waste Program  

mkb/jlg

cc: See page 6  
Enclosure
References:

1. Letter 20-NWP-090-Reissue, dated June 3, 2020, “Proposed Class 3 Permit Modification 8C.2018.6D to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste, Part V, Closure Unit Group 27, 277-T Building; Closure Unit Group 28, 277-T Outdoor Storage Area; Closure Unit Group 29, 271-T Cage; Closure Unit Group 30, 211-T Pad; Closure Unit Group 37, 221-T Sand Filter Pad; Closure Unit Group 39, 2401-W Waste Storage Building; and Closure Unit Group 41, 221-T Railroad Cut, WA7890008967”


4. Letter 14-ESQ-0003, dated October 18, 2013, “Submittal of Additional Closure Plans for Closing Dangerous Waste Management Units (DWMUs) at the T-Plant Complex”


8. Letter 20-NWP-153, dated September 17, 2020, “Reopening of the Public Comment Period for Proposed Class 3 Permit Modification 8C.2018.6D to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste, Part V, Closure Unit Group 27, 277-T Building; Closure Unit Group 28, 277-T Outdoor Storage Area; Closure Unit Group 29, 271-T Cage; Closure Unit Group 30, 211-T Pad; Closure Unit Group 37, 221-T Sand Filter Pad; Closure Unit Group 39, 2401-W Waste Storage Building; and Closure Unit Group 41, 221-T Railroad Cut, WA7890008967”