**ENGINEERING CHANGE NOTICE**

<table>
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<tr>
<th>2. ECN Category (mark one)</th>
<th>3. Originator’s Name, Organization, MSIN, and Telephone No.</th>
<th>4. USQ Required?</th>
<th>5. Date</th>
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<td>Michelle Dexter, RPP Environmental, R1-51, 373-3544</td>
<td>☒ Yes ☐ No</td>
<td>November 30, 2000</td>
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<tr>
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<th>7. Bldg./Sys./Fac. No.</th>
<th>8. Approval Designator</th>
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<tr>
<td>RPP Environmental Permits and Related Documentation</td>
<td>RPP</td>
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<th>12a. Modification Work</th>
<th>12b. Work Package No.</th>
<th>12c. Modification Work Completed</th>
<th>12d. Restored to Original Condition (Temp. or Standby ECNs only)</th>
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<td>Design Authority/Cog. Engineer Signature &amp; Date</td>
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<th>13b. Design Baseline Document?</th>
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<th>14b. Justification Details</th>
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<td>Facilitate Const.</td>
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<th>15. Distribution (include name, MSIN, and no. of copies)</th>
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**RELEASE STAMP**

DATE: HANFORD RELEASE

NOV 29 2000
**ENGINEERING CHANGE NOTICE**

**1. Design Verification Required**
- [ ] Yes
- [ ] No

**2. Cost Impact**

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**3. Schedule Impact (days)**
- Improvement: 0
- Delay: 0

**4. Change Impact Review:** Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 13. Enter the affected document number in Block 20.

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**5. Approvals**

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<tr>
<td>M.L. Dexter</td>
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<td>P.C. Miller</td>
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**DEPARTMENT OF ENERGY**

Signature or a Control Number that tracks the Approval Signature.

**ADDITIONAL**

...
RPP ENVIRONMENTAL PERMITS AND RELATED DOCUMENTATION

Michelle Dexter
CH2M HILL Hanford Group, Inc., Richland, WA 99352
U.S. Department of Energy Contract DE-AC06-99RL14047

EDT/ECN: 664754  UC: 2030
Org Code: 7B200  Charge Code: 101785/CA30
B&R Code: EW3120071  Total Pages: 42

Key Words: Permits, Notices of Correction, Notices of Violation, RCRA

Abstract: This document contains the current list of environmental permits and related documentation for TWRS facilities and activities.
## RECORD OF REVISION

### CHANGE CONTROL RECORD

<table>
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<td>Replace All Pages Per ECN-664754 11/30/2000</td>
<td>ML Dexter PC Miller</td>
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RPP Environmental Permits and Related Documentation

M. L. Dexter
CH2M HILL Hanford Group, Inc.

Date Published
November 2000

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

CH2M HILL
Hanford Group, Inc.

P. O. Box 1500
Richland, Washington

Contractor for the U.S. Department of Energy
Office of River Protection under Contract DE-AC06-99RL14047

Approved for public release; further dissemination unlimited
RPP ENVIRONMENTAL PERMITS AND RELATED DOCUMENTATION
RPP ENVIRONMENTAL PERMITS AND RELATED DOCUMENTATION

Purpose and Scope

This document contains the current list of environmental permits and related documentation for RPP facilities and activities. Copies of these permits and related approvals are maintained by RPP Environmental. In addition, Notices of Correction and Notices of Violation are issued by State and Federal Regulators which are tracked by RPP Environmental to resolve any recently identified deficiencies. A listing of these recent Notices is provided as an attachment to this document. These permits, approval conditions, and recent regulatory agency notices, constitute an important element of the RPP Authorization Envelope.

Permits are issued frequently and the reader is advised to check with RPP Environmental for new permits or approval conditions. Interpretation of permit or approval conditions should be coordinated with RPP Environmental.

This document will be updated on a quarterly basis.
I. AIR

A. Routine Activities List Superseded on April 1999 by HNF-4327, Rev. 0

ALARACT 1 - TWRS ALARACT Demonstration for Riser Preparation/Opening
ALARACT 2 - TWRS ALARACT Demonstration for Installation/Operation/Removal of Push Mode Core Sampling Equipment
ALARACT 3 - TWRS ALARACT Demonstration for Installation/Operation/Removal of Auger Sampling Equipment
ALARACT 4 - TWRS ALARACT Demonstration for Packaging and Transportation of Waste
ALARACT 5 - TWRS ALARACT Demonstration for Soil Excavation (Using Hand Tools)
ALARACT 6 - TWRS ALARACT Demonstration for Pit Access
ALARACT 7 - TWRS ALARACT Demonstration for Tank Waste Grab Sampling
ALARACT 8 - TWRS ALARACT Demonstration for Vapor Sampling
ALARACT 9 - TWRS ALARACT Demonstration for Light Duty Utility Arm (LDUE) (Passive)
ALARACT 10 - TWRS ALARACT Demonstration for Water Lancing
ALARACT 11 - TWRS ALARACT Demonstration for Waste Transfers
ALARACT 12 - TWRS ALARACT Demonstration for Packaging and Transportation of Equipment and Vehicles
ALARACT 13 - TWRS ALARACT Demonstration for Installation, Operation, and Removal of Tank Equipment
ALARACT 14 - TWRS ALARACT Demonstration for Pit Work
ALARACT 15 - TWRS ALARACT Demonstration for Size Reduction of Waste Equipment for Disposal
B. Site Wide Air Permits

   a. NESHAPS Reassessment of Potential Radionuclide Emissions from the 296-S-15 Stack, letter from WHC (Dixon), number 9301990B R60, to DOE-RL (J. Rasmussen), dated August 27, 1996
   b. NESHAPS FFCA Reassessment of Potential Radionuclide Emissions from the 296-S-15 Stack, letter from DOE-RL (J. Rasmussen), number 96-EAP-356, to WDOH (A. Conklin) and EPA (J. Leitch), dated September 16, 1996

2. Approved Hanford Site Air Operating Permit (When Issued)

C. Notices of Construction and Approvals, Operations

NOTE: Control of Airborne Radioactive Emissions for Frequently Performed TWRS Work Activities (ALARACT Demonstrations), HNF-4327, Rev. Ob

a. 241-A Tank Farm Guzzler (Short Form)

"Short Form Radioactive Air Emissions Notice of Construction (NOC) for Guzzler Excavation and Backfilling Activities in Support of the 200 East Area A Farm Complex," Enclosure to DOE-RL letter (J. Rasmussen), number 98-EAP-037, to EPA (J. Leitch), dated January 30, 1998

Approval:  WDOH Approval Sheet (A. Conklin by P.J. Martell), dated December 23, 1997

Approval:  EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated March 11, 1998

b. 241-A-101 - Ventilation System - Portable Exhauster (Saltwell Pumping) - Non-Radioactive (Canceled 1/7/99)


Approval:  Ecology letter (J. Stohr) to DOE-RL (J. Rasmussen), dated June 24, 1996
Notification of Start-Up: DOE-RL letter (J. Rasmussen), number 96-EAP-393, to Ecology (M. Szyszkowski), dated September 26, 1996

Approval to Start-Up: Ecology letter (J. Stohr) to DOE-RL (J. Rasmussen), dated October 14, 1996

c. 241-A-101 - Ventilation System - Portable Exhauster (Saltwell Pumping) - Radioactive (Canceled 1/7/99)


Approval: WDOH letter (A. Conklin), number AIR-96-607, to DOE-RL (J. Rasmussen), dated June 17, 1996

Approval: EPA letter (A. Frankel), to DOE-RL (J. Rasmussen), dated July 2, 1996

Notification to Start-Up: DOE-RL letter (J. Rasmussen), number 96-EAP-392, to EPA (J. Leitch), dated September 26, 1996

d. 241-AN Exhauster Fans (Cancelled)

"Notice of Construction for Upgrading the 241-AN Primary System Fans and Heaters," Enclosure to DOE-RL letter (J. Rasmussen), number 98-EAP-021, to WDOH (A. Conklin) and EPA (J. Leitch), dated April 27, 1998


e. 241-AN-107 Mixer Pump Installation

Approval: WDOH Routine Technical Assistance Meeting Minutes, Installation of Mixer Pump within 107-AN, Page 5 of 7, June 8, 1994
f. **241-AN-107 Caustic Addition**

Approval: WDOH Routine Technical Assistance Meeting Minutes, Addition of Caustic to Tank 107-AN and Install Mixer Pump, Page 3 and 4 of 7, April 14, 1994

---

g. **241-AP-102 and 241-AP-104 - Radioactive**


Approval: WDOH Letter (A. Conklin), number AIR-00-106, to DOE-RL (S. Wisness), dated January 24, 2000

(All Construction Must Be Completed by 2011)

Clarification: WDOH letter (A. Conklin), number AIR-00-601, to DOE-RL (S. Wisness), dated June 9, 2000

Approval: EPA Letter (B. McAllister) to DOE-RL (S. Wisness), dated February 4, 2000


Approval: Ecology Approval Granted by Default

---

h. **241-AY and 241-AZ - Ventilation Upgrades - (Project W-151 & Project W-030) - Non-Radioactive**


Approval: Ecology letter (J. Stohr) to DOE-RL (S. Wisness), dated August 29, 1994


Approval: Ecology letter (M. Wilson) to DOE-RL (J. Rasmussen), dated September 1, 1998

"Request for Approval of Modification to the Notice of Construction (NOC) and Approval Order for the Ventilation Upgrades, 241-AY and 241-AZ", DOE-RL letter 99-OSS-013 (S. Wisness) to Ecology (M. Wilson), dated October 20, 1999

Approval: Ecology (J. Hensley) NOC Application Revision Form dated, October 25, 1999

Ecology letter (M. Wilson) to DOE-RL (S. Wisness), dated January 19, 2000 (Transmitting the October 25, 1999 Revision Form)
i. 241-AY and 241-AZ - Ventilation Upgrades - (Project W-151 & Project W-030) - Radioactive


Approval: WDOH letter (A. Conklin), number AIR-94-502, to DOE-RL (S. Wisness), May 5, 1994


Approval: EPA letter (J. McCormick) to DOE-RL (J. Bauer), dated March 15, 1994

"Modification of Approval to Construct Monitoring Requirements for 241-AY and 241-AZ Tank Farm Ventilation Upgrades (Project W-030) and Mixer Pump Installation and Operation (Project W-151), Enclosure to DOE-RL letter (J. Rasmussen), number 96-MSD-090, to WDOH (A. Conklin), dated June 10, 1996

Approval: WDOH letter (A. Conklin), number AIR-96-702, to DOE-RL (J. Rasmussen), dated July 10, 1996

"Modification of Approval to Construct Monitoring Requirements for 241-AY and 241-AZ Tank Farm Ventilation Upgrades (Project W-030) and Mixer Pump Installation and Operation (Project W-151)," Enclosure to DOE-RL letter (J. Rasmussen), number 96-MSD-091, to EPA (J. Leitch), dated June 10, 1996

Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated September 3, 1996


Approval: WDOH Telephone Conference Memorandum with John Bates and Hector Rodriguez, dated July 8, 1997
"Radioactive Air Emissions Notice of Construction for Ventilation Upgrades for 241-AY and 241-AZ Tank Farms."
Enclosure to DOE-RL letter (J. Rasmussen), number 98-EAP-273, to WDOH (A. Conklin) and EPA (J. Leitch), dated May 15, 1998


Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated July 28, 1998

NOC Modified by Hanford Facility NOC Revision Form, January 15, 1999, DOE/RL-98-27

Approval: WDOH (A. Conklin) NOC Revision Form dated, January 19, 1999

j. 241-BY-105 Ultra High Pressure Water Lance (Short Form)


Approval: WDOH letter (A. Conklin), number AIR-00-207, to DOE-RL (S. Wisness), dated February 22, 2000

(All Work on the Project Must be Concluded by 2005)

k. 241-C-103 - Enhanced Ventilation System (No WDOH NOC Required)

"Notice of Construction for the Enhanced Ventilation of Tank 241-C-103 to Mitigate Noxious and Hazardous Vapors."
Enclosure to DOE-RL letter (J. Rasmussen), number 95-PRI-063, to Ecology (J. Stohr), dated June 23, 1995

Approval: Ecology letter (J. Stohr) to DOE-RL (J. Rasmussen), dated June 28, 1995


Approval: Ecology letter (R. King) to DOE-RL (J. Rasmussen), dated January 26, 1996
1. **241-C-103 - Organic Removal (Expired/Project Dropped)**

"Radioactive Air Emissions Notice of Construction for Organic Removal from Tank 241-C-103," Enclosure to DOE-RL letter (J. Rasmussen), number 94-PCA-002, to WDOH (A. Conklin) and EPA (J. McCormick), dated August 8, 1994

Approval: WDOH letter (A. Conklin), number ATR-94-910, to DOE-RL (J. Rasmussen), dated September 8, 1994

Approval: EPA letter (J. McCormick) to DOE-RL (J. Rasmussen), dated August 31, 1994

m. **241-C-106 Sluicing - Project W-320 - Phase I (Expired)**


Approval: EPA letter (J. McCormick) to DOE-RL (J. Bauer), dated February 23, 1994
n. 241-C-106 Sluicing - Project W-320 - Phase II - Non-Radioactive


Approval: Ecology letter (M. Wilson) to DOE-RL (J. Rasmussen), dated October 24, 1997


Approval: Ecology letter (M. Wilson) to DOE-RL (J. Rasmussen), dated April 9, 1999

o. 241-C-106 Sluicing - Project W-320 - Phase II - Radioactive


Approval: WDOH letter (A. Conklin), number AIR-95-712, to DOE-RL (J. Rasmussen), dated July 31, 1995

Approval: EPA letter (J. McCormick) to DOE-RL (J. Bauer), dated February 23, 1994

Notification of Start-Up: DOE-RL letter (J. Rasmussen) number 96-MSD-182, to EPA (A. Frankel), dated September 26, 1996

Approval: WDOH letter (A. Conklin), number AIR-98-1002, to DOE-RL (J. Rasmussen), dated October 2, 1998

Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated September 10, 1998

NOC Modified by Hanford Facility NOC Revision Form, April 8, 1999, DOE/RL-95-45 Rev. 2

Approval: WDOH (R. Acselrod) NOC Revision Form dated, April 8, 1999

p. 241-ER-311 Catch Tank (Short Form)


Approval: WDOH Approval Sheet (A. Conklin), dated November 8, 1999

Approval: EPA letter (B. McAllister) to DOE-RL (J. Rasmussen), dated November 16, 1999

q. 241-S Ventilation System (Work Completed 1996 Per D. Scott, Only Exhauster Remains)


Approval: WDOH letter (A. Conklin), number AIR-95-1004, to DOE-RL (J. Rasmussen), dated October 12, 1995

Approval: EPA letter (M. Bussel), to DOE-RL (J. Rasmussen), dated September 20, 1995
r. 241-S-151 Diversion Box (Short Form)


Approval: Ecology Approval Not Required

s. 241-SY-101 - Crust Growth Near Term Mitigation (Short Form)

"Radioactive Air Emissions Notice of Construction, 241-SY-101 Crust Growth Near Term Mitigation Short Form," DOE-RL-99-30, April 1999

Approval: WDOH Approval Sheet (A. Conklin), dated April 23, 1999

"Radioactive Air Emissions Notice of Construction (NOC) for 241-SY-101 Crust Growth Near Term Mitigation Short Form," Enclosure to DOE-RL letter (J. Rasmussen), number 99-EAP-278, to EPA (J. Leitch), dated April 29, 1999

Approval: EPA letter (A. Frankel), to DOE-RL (J. Rasmussen), dated April 29, 1999

"Determination of New Source Review (WAC 173-400 and 460) Proposed SY-101 Crust Mitigation Activity," Enclosure to LMHC letter (E. Mayer), number LMHC-9952430, to FDH (W. Adair), dated April 14, 1999

Approval: Ecology Approval Not Required


Approval: Ecology Approval Not Required
t. 241-SY-101 - Mixer Pump Replacement

"Replacement of Mixer Pump in Tank 241-SY-101," Enclosure to DOE-RL letter (J. Rasmussen), number 95-PCA-149, to WDOH (A. Conklin) and EPA (J. McCormick), dated February 1, 1995

approval: WDOH letter (A. Conklin), number AIR-95-203, to DOE-RL (J. Rasmussen), dated February 21, 1995

approval: EPA letter (J. McCormick) to DOE-RL (J. Rasmussen), dated February 14, 1995

u. 241-SY-102 - Initial Tank Retrieval Systems - Project W-211 (Expired)


approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated March 15, 1996


approval: WDOH letter (A. Conklin), number AIR-96-801, to DOE-RL (J. Rasmussen), dated August 5, 1996

clarification: WDOH letter (A. Conklin), number AIR-96-902, to DOE-RL (J. Rasmussen), dated September 11, 1996

v. 241-TX-154 Diversion Box (Short Form)

"Notice of Construction Work in Tank Farm 241-TX-154 Diversion Box," DOE/RL-99-76, dated October 1999


approval: Ecology Approval Not Required
w. **241-UX-154 Diversion Box (Short Form)**


Approval:  Ecology Approval Not Required

x. **244-A Lift Station and 241-ER-152 Diversion Box (Short Form)**

"Notice of Construction Work in Tank Farm Waste Transfer Pits Designated 241-ER-152 and 244-A Lift Station," dated January 29, 1999

Approval:  WDOH letter (A. Conklin), number AIR-99-204, to DOE-RL (J. Rasmussen), dated February 12, 1999 (NOC is Valid until January 1, 2005)

"Notice of Construction Work in Tank Farm Waste Transfer Pits Designated 241-ER-152 and 244-A Lift Station Short Form" Enclosure to DOE-RL letter (J. Rasmussen), number 99-EAP-170, to EPA (J. Leitch), dated February 12, 1999

Approval:  EPA letter (A. Frankel), to DOE-RL (J. Rasmussen), dated February 17, 1999


Approval:  Ecology Approval Not Required

y. **244-AR Vault**


Approval:  WDOH letter (A. Conklin), number AIR-97-1007, to DOE-RL (J. Rasmussen), dated October 9, 1997 (Exhauster Must Cease Operations By October 9, 2007)

Approval: EPA Letter (A. Frankel) to DOE-RL (J. Rasmussen), dated October 24, 1997

244-AR Vault NOC Modified by Hanford Facility NOC Revision Form, February 17, 1999

Approval: WDOH (A Conklin) NOC Revision Form dated, February 17, 1999

z. 244-AR Vessel Vent System (Isolation of 296-A-12 Exhauster) (Short Form) (Completed)


Approval: WDOH Approval Sheet (A. Conklin), dated August 9, 1999

"Isolation of 296-A-12 Exhauster from the 244-AR Vessel Vent System," Telephone Conference Memorandum, between WMH & EPA, dated August 11, 1999

Approval: Per Telephone Conference Memorandum, EPA Approval is not required

aa. 244-CR Vault

"Notice of Construction for Work in the Tank Farm 244-CR Vault," DOE/ORP-99-07, Rev. 0, dated November 1999

Approval: WDOH letter (A. Conklin), number AIR-00-107, to DOE-RL (S. Wisness), dated January 25, 2000 (NOC Valid Through Fiscal Year 2005)

Approval: Revised WDOH letter (A. Conklin), number AIR-00-206, to DOE-RL (S. Wisness), dated February 15, 2000 (NOC Valid Through Fiscal Year 2005)
ab. 244-TX Double Contained Receiver Tank (Short Form)


Approval: Ecology Approval Not Required

NOC Modified by Hanford Facility NOC Revision Form, April 25, 2000, DOE/RL-99-47, Rev. 1

Approval: WDOH (P. Martell) NOC Revision Form dated, April 27, 2000

NOC Approval Conditions Clarified by the Hanford Facility NOC Revision Form dated, August 31, 2000

Approval: WDOH (R. Acselrod) NOC Revision Form dated, September 5, 2000

ac. 244-U Double Contained Receiver Tank (Expired)

"Radioactive Air Emissions Notice of Construction 244-U Double Contained Receiver Tank," Enclosure to DOE-RL letter (J. Rasmussen), number 94-PCA-034, to WDOH (A. Conklin) and EPA (J. McCormick), dated September 16, 1994

Approval: WDOH letter (A. Conklin), number AIR-94-919, to DOE-RL (J. Rasmussen), dated October 4, 1994

Approval: EPA letter (J. McCormick) to DOE-RL (J. Rasmussen), dated October 6, 1994

"Revision to the Radioactive Air Emissions Notice of Construction for the 244-U Double Contained Receiver Tank," Enclosure to DOE-RL letter (J. Rasmussen), number 97-EAP-045, to WDOH (A. Conklin), dated October 30, 1996

Approval: WDOH letter (A. Conklin), number AIR-96-1110, to DOE-RL (J. Rasmussen), dated November 26, 1996
"Revision to the Radioactive Air Emissions Notice of Construction for the 244-U Double Contained Receiver Tank," Enclosure to DOE-RL letter (J. Rasmussen), number 97-EAP-046, to EPA (J. Leitch), dated October 30, 1996

ad. 244-U Double Contained Receiver Tank By-Pass (Short Form)

"Notice of Construction By-Passing the 244-U Double Contained Receiver Tank During Salt Well Pumping"

Approval:  WDOH Approval Sheet (A. Conklin), dated May 4, 1999

"Notice of Construction By-Passing the 244-U Double Contained Receiver Tank During Salt Well Pumping (Short Form)," Enclosure to DOE-RL letter (J. Rasmussen), number 99-EAP-282, to EPA (J. Leitch), dated May 5, 1999

Approval:  EPA letter (A. Frankel), to DOE-RL (J. Rasmussen), dated May 7, 1999


Approval:  Ecology Approval Not Required

ae. Isolation of 296-P-17 Exhauster from the 241-A-105 Tank (Short Form)


Approval:  WDOH Approval Sheet (A. Conklin), dated September 15, 1999

NOC Modified by Hanford Facility NOC Revision Form, December 8, 1999, DOE/RL-99-57

Approval:  WDOH (R. Acselrod) NOC Revision Form dated, December 9, 1999
af. **Categorical Use of the Guzzler Vacuum Excavation System (Short Form)**


Approval: WDOH letter (A. Conklin), number AIR-98-1215, to DOE-RL (J. Rasmussen), dated December 18, 1998


Approval: EPA letter (A. Frankel), to DOE-RL (J. Rasmussen), dated March 11, 1999

NOC Modified by Hanford Facility NOC Revision Form, dated August 31, 2000

Approval: WDOH (R. Acselrod) NOC Revision Form dated, September 5, 2000

ag. **Cone Penetrometer, 241-AX-104 (Short Form)**

"Soil Characterization Around 241-AX-104 Tank Using the Cone Penetrometer (Short Form)," Enclosure to DOE-RL letter (J. Rasmussen), number 98-EAP-576, to WDOH (A. Conklin), dated October 15, 1998

Approval: WDOH letter (A. Conklin), number AIR-98-1009, to DOE-RL (J. Rasmussen), dated October 29, 1998

"Soil Characterization Around 241-AX-104 Tank Using the Cone Penetrometer," Enclosure to DOE-RL letter (J. Rasmussen), number 99-EAP-005, to EPA (J. Leitch), dated October 26, 1998 (No Approval from EPA Needed)

ah. **Categorical Facility Entry and Surveillance (Short Form)**

"Radioactive Air Emissions Notice of Construction Categorical Facility Entry and Surveillance"

Approval: WDOH letter (A. Conklin), number AIR-00-604, to DOE-RL (S. Wisness), dated June 21, 2000

(Clarification Approvals dated July 12, 2000)
ai. Cross-Site Transfer System - Project W-058 (Short Form) (Completed)


Approval: WDOH Approval Sheet (A. Conklin), dated June 13, 1997


Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated June 19, 1997

aj. Decommissioning and Sampling of Borehole 41-09-39 (Short Form) (Completed)

"Notice of Construction for Tank Waste Remediation System Decommissioning and Sampling of Borehole 41-09-39 (Short Form)"

Approval: WDOH Approval Sheet (A. Conklin), dated May 7, 1999


Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated May 20, 1999


Approval: Ecology Approval Not Required
ak. Portable Exhauster/Saltwell Pumping - Non-Radioactive


Approval: Ecology letter (M. Wilson) to DOE-RL (J. Rasmussen), dated October 23, 1998


Approval: Ecology letter (M. Wilson) to DOE-RL (J. Rasmussen), dated July 7, 1999


Approval: Ecology letter (M. Wilson) to DOE-RL (J. Rasmussen), dated September 23, 1999

NOC Modified by Hanford Facility NOC Revision Form, August 3, 2000, DOE/RL-97-10 Rev. 5

Approval: Ecology (J. Hensley) NOC Revision Form dated, August 10, 2000

al. Portable Exhauster/Saltwell Pumping - Radioactive


Approval: WDOH letter (A. Conklin), number AIR-98-1207, to DOE-RL (J. Rasmussen), dated December 16, 1998

Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated October 15, 1998
Portable Temporary Radioactive Airborne Emissions Units


Approval: WDOH letter (A. Conklin), number AIR-97-1207, to DOE-RL (J. Rasmussen), dated December 15, 1997


Approval: WDOH letter (A. Conklin), number AIR 98-1008, to DOE-RL (J. Rasmussen), dated October 22, 1998

Approval: WDOH letter (A. Conklin), number AIR 99-1102, to DOE-RL (S. Wisness), dated November 4, 1999

Approval: WDOH (A. Conklin) NOC Revision Form dated, February 17, 1999

Approval: PTRAEU NOC Modified by Hanford Facility NOC Revision Form, February 15, 2000

Approval: Clarification of Approval Conditions (A. Conklin), dated February 15, 2000

an. Project W-519 - Liquid Effluent Transfer System

"Radioactive Air Emissions Notice of Construction for Construction of the Liquid Effluent Transfer System, Project W-519," Enclosure to DOE-ORP letter (J. Bevelacqua), number 00-EVD-005, to WDOH (A. Conklin) and EPA (J. Leitch), dated May 24, 2000

Approval: WDOH letter (A. Conklin), number AIR-00-706, to DOE-ORP (J. Bevelacqua), dated July 24, 2000

Approval: EPA letter (B. McAllister) to DOE-RL (S. Wisness), dated August 17, 2000


Approval: Ecology Approval Granted by Default

ao. Radioactive Air Emissions Notice of Construction Project W-314 - Tank Farms (Short Form)


Approval: WDOH letter (A. Conklin), number AIR-98-302, to DOE-RL (J. Rasmussen), dated March 5, 1998
"Radioactive Air Emissions Notice of Construction Project W-314 Tank Farm Restoration and Safe Operations (Short Form)," Enclosure to DOE-RL letter (J. Rasmussen), number 97-EAP-761, to EPA (J. Leitch), dated December 8, 1997

Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated December 23, 1997

"Notice of Construction Tank Farm Restoration and Safe Operations Project W-314 (Short Form), Revision 1," dated March 23, 1999

Approval: WDOH letter (A. Conklin), number AIR-99-404, to DOE-RL (J. Rasmussen), dated April 19, 1999


Approval: Ecology Approval Received By Default

NOC Modified by Hanford Facility NOC Revision Form, November 15, 1999, Rev. 2

Approval: WDOH (R. Acselrod) NOC Revision Form dated, November 16, 1999

Approval: EPA letter (B. McAllister) to DOE-RL (S. Wisness), dated November 22, 1999

NOC Modified by Hanford Facility NOC Revision Form, December 15, 1999, Rev. 3

Approval: WDOH letter (A. Conklin), number AIR-00-104, to DOE-RL (S. Wisness), dated January 13, 2000

NOC Modified by Hanford Facility NOC Revision Form, March 10, 2000, Rev. 4

Approval: WDOH letter (A. Conklin), number AIR-00-310, to DOE-RL (S. Wisness), dated March 22, 2000 (Commence Construction Within Two Years from the Date of Approval) (This approval Supersedes All Prior Approvals).
NOC Modified by Hanford Facility NOC Revision Form, October 31, 2000, Rev. 5

Approval: WDOH (R. Ascelrod) NOC Revision Form dated, November 2, 2000


Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated January 7, 1999


Approval: WDOH Approval Sheet (A. Conklin), dated May 6, 1999


Approval: Ecology Approval Received By Default
aq. **TWRS High-Efficiency Particulate Air (HEPA) Filtered Vacuum Approval (Superseded by Site-Wide HEPA NOC)**


Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated July 3, 1997

Approval: WDOH letter (A. Conklin), number AIR-97-607, to DOE-RL (J. Rasmussen), dated June 12, 1997

ar. **Site-Wide HEPA Filtered Vacuum - Radioactive**


Approval: WDOH letter (A. Conklin), number AIR-98-312, to DOE-RL (J. Rasmussen), dated March 25, 1998


Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated January 8, 1998


Approval: WDOH letter (A. Conklin), number AIR-99-1103, to DOE-RL (S. Wisness), dated November 4, 1999

Approval: WDOH Clarification of Approval Conditions (A. Conklin), dated February 15, 2000
as. Cask Truck - LR56 (Project Dropped)

"Request for Approval of an Alternate Method for Flow measurements for the LR56 Cask Truck," Enclosure to DOE-RL letter (J. Rasmussen), number 97-EAP-006, to EPA (J. Leitch), dated October 23, 1996
(A letter was never sent to Ecology)

Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated July 17, 1997

at. Underground Storage Tanks & Ancillary Piping (Completed)

"Notice of Construction for Excavation and Backfill Activity for Two Diesel Underground Storage Tanks and Ancillary Piping"

Approval: WDOH Signature (A. Conklin), dated August 18, 1998

au. Vadose Zone Characterization


Approval: WDOH letter (A. Conklin), number AIR-99-701, to DOE-RL (J. Rasmussen), dated July 14, 1999
(Duration Per NOC July 15, 2019)

Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated June 14, 1999


Approval: Ecology Approval Received By Default

Tank Waste Remediation System Vadose Zone Characterization
NOC Modified by Hanford Facility NOC Revision Form, August 16, 1999

Approval: WDOH (A. Conklin) NOC Revision Form dated, August 23, 1999
Tank Waste Remediation System Vadose Zone Characterization
NOC Modified by Hanford Facility NOC Revision Form, October 28, 1999

Approval: WDOH (A. Conklin) NOC Revision Form dated, November 1, 1999


Approval: Ecology Approval Received By Default


Approval: Ecology Approval Received By Default


Approval: Ecology Approval Received By Default


Approval: WDOH letter (A. Conklin), number AIR-00-505, to DOE-RL (S. Wisness), dated May 11, 2000

Approval: EPA letter (B. McAllister) to DOE-RL (S. Wisness), dated May 12, 2000
"Notice of Construction for Tank Waste Remediation System Vadose Zone Characterization," DOE/ORP-2000-05, Rev. 1, dated April 2000, Enclosure to DOE-ORP letter (J. Bevelacqua), number 00-ESHQ-004, to WDOH (A. Conklin) & EPA (J. Leitch), dated April 21, 2000

Approval: WDOH letter (A. Conklin), number AIR-00-515, to DOE-RL (S. Wisness), dated May 26, 2000

Approval: EPA letter (B. McAllister) to DOE-RL (S. Wisness), dated May 26, 2000

Tank Waste Remediation System Vadose Zone Characterization NOC Modified by Hanford Facility NOC Revision Form, June 21, 2000

Approval: WDOH (J. Schmidt) NOC Revision Form dated, June 21, 2000


Approval: Ecology Approval Received By Default

Tank Waste Remediation System Vadose Zone Characterization NOC Modified by Hanford Facility NOC Revision Form, October 25, 2000

Approval: WDOH (J. Martell) NOC Revision Form dated, November 9, 2000
av. **Vapor Sampling of Miscellaneous Underground Units with No Known Path of Ventilation**

"Radioactive Air Emissions Notice of Construction Vapor Sampling of Miscellaneous Underground Units with No Known Path of Ventilation" dated April 2000

Approval: WDOH letter (A. Conklin), number AIR-00-510, to DOE-RL (S. Wisness), dated May 18, 2000 (NOC Valid Until April 1, 2010)

Notice of Construction for Vapor Sampling of Miscellaneous Underground Units with No Known Path of Ventilation Modified by Hanford Facility NOC Revision Form, June 14, 2000

Approval: WDOH (R. Ascelrod) NOC Revision Form dated, June 26, 2000


Approval: WDOH letter (A. Conklin), number AIR-00-701, to DOE-RL (S. Wisness), dated July 9, 2000 (Construction Must Commence by July 9, 2002)

Approval: EPA letter (B. McAllister) to DOE-RL (S. Wisness), dated July 21, 2000

ax. **Waste Retrieval System in Double-Shell Tanks**


Approval: Ecology letter (M. Wilson) to DOE-ORP (J. Bevelacqua), dated June 13, 2000 (Work commence 18 months after receipt of NOC or activities are discontinued for a period of 18 months.)
D. Notices of Construction and Approvals, Characterization Program

a. Rotary Mode Core Sampling Truck - Two - Non-Radioactive (Expired)


Approval: EPA letter (J. McCormick) to DOE-RL (R. Holt), dated August 9, 1993


Approval: WDOH letter AIR-93-707 (A. Conklin) to DOE-RL (J. Rasmussen), dated July 8, 1993

Approval: Ecology letter (D. Jansen) to DOE-RL (J. Bauer), dated November 22, 1993

"Modification of Total Carbon and Ammonia Monitoring Requirements for the Rotary Mode Core Sampling System," Enclosure to DOE-RL letter (J. Rasmussen), number 95-PCA-291, to Ecology (J. Stohr), dated May 2, 1995

Approval: Ecology letter (J. Stohr) to DOE-RL (J. Rasmussen), dated May 11, 1995

b. Rotary Mode Core - Sampling Three, Four and Modification to Two - Non-Radioactive


Approval: Ecology letter (J. Stohr) to DOE-RL (J. Rasmussen), dated June 30, 1995

"Modification of the Rotary Mode Core Sampling Air Permit," Ecology letter (R. King) to DOE-RL (J. Rasmussen)

Notification of Start-Up: Ecology CC:Mail Message (J. Hensley) to Distribution, dated April 30, 1998


c. Rotary Mode Core-Sampling Systems Three and Four - Radioactive


Approval: WDOH letter (A. Conklin), number AIR-95-603, to DOE-RL (J. Rasmussen), dated June 30, 1995


Approval: EPA letter (P. Millam) to DOE-RL (J. Rasmussen), dated June 11, 1995

Notification of Start-Up: DOE-RL letter (J. Rasmussen), number 95-PCA-448, to EPA (P. Milliam), dated August 9, 1995

Notification of Start-Up: DOE-RL letter (J. Rasmussen), number 96-EPA-233, to EPA (J. Leitch), dated July 22, 1996
Notification of Start-Up: DOE-RL letter (J. Rasmussen), number 97-EAP-136, to EPA (J. Leitch), dated December 20, 1996

Notification of Start-Up: DOE-RL letter (J. Rasmussen), number 97-EAP-316, to EPA (J. Leitch), dated March 24, 1997


Approval: WDOH letter (A. Conklin), number AIR-97-901, to DOE-RL (J. Rasmussen), dated September 3, 1997


Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated August 4, 1997


Approval: WDOH letter (A. Conklin), number AIR-98-301, to DOE-RL (J. Rasmussen), dated March 6, 1998 (NOC Valid Until March 6, 2008)

d. Rotary Mode Core-Sampling - 241-SX Tank Farms


Approval: WDOH letter (A. Conklin), number AIR-97-1101, to DOE-RL (J. Rasmussen), dated November 13, 1997

Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated January 14, 1998

e. 241-SX-101, 241-SX-102, 241-SX-103 & 241-SX-105 Salt-Well Pumping (Short Form)


Approval: WDOH letter (A. Conklin), number AIR-00-108, to DOE-RL (S. Wisness), dated February 9, 2000

Approval: EPA letter (B. McAllister), dated February 18, 2000, Letter stated EPA Approval not required

f. 241-SX-104 Salt Well Pumping (Short Form)


Approval: WDOH Approval Sheet (A. Conklin), dated March 12, 1998

Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated March 19, 1998

"Salt Well Pumping Tank 241-SX-104 (New Source Review)," LMHC letter (E. Mayer), number LMHC-9851777, to FDH (A. Umek), dated February 27, 1998

Approval: Ecology Approval Not Required
g. **241-SX-106 Salt Well Pumping (Short Form)**


Approval: WDOH Approval Sheet (R. Ascelrod), dated July 2, 1998

Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated July 21, 1998


Approval: Ecology Approval Not Required

h. **Light Duty Utility Arm (Inactive)**

"NESHAPS Application for Approval to Construct, for the Temporary Use of a Portable Exhauster in Conjunction with the Light Duty Utility Arm (LDUA [ETN-96-0007]) System," Enclosure to DOE-RL letter (J. Rasmussen), number 96-MSD-077, to EPA (J. Leitch), dated May 2, 1996

Approval: EPA letter (A. Frankel) to DOE-RL (J. Rasmussen), dated July 2, 1996


Approval: WDOH Routine Technical Assistance Meeting Minutes, dated March 12, 1996
II. SITE WIDE WATER PERMITS

A. Registration of Class V Underground Injection Wells, DOE/RL-88-11, Rev. 1, dated August 1995

B. State Waste Discharge Permit Number ST 4508, Hydrotest, Maintenance, and Construction, Issuance Date, May 15, 1997, Expiration Date, May 15, 2002

C. State Waste Discharge Permit Number 4509, Cooling Water and Condensate Discharge, Issuance Date, May 1, 1998, Expiration Date, May 1, 2003

D. State Waste Discharge Permit Number 4510, Industrial Stormwater Discharges to Engineered Land Disposal Structures, Issuance Date, April 1, 1999, Expiration Date, April 1, 2004

E. Onsite Sewage Systems Operating Permit, U.S. Department of Energy, Hanford Reservation, Benton Co., Permit number HAN099, permit expires on 9/30/00, issued on 9/30/99

III. Underground Petroleum Storage Tanks

A. Registration of Hanford Site Underground Petroleum Storage Tanks (UST at 204-AR, Compliance Tag A4042, Uniform Business Identifier Number, 601319923)

IV. Dangerous Waste

A. Hanford Facility RCRA Permit


2. Hazardous and Solid Waste Amendment (HSWA) issued by EPA, permit number WA7890008967, Expiration Dated September 27, 2004

3. Permit Modification Schedule, Attachment 27 to the Hanford Facility RCRA Permit

B. RPP Part A RCRA Permits

1. 204-AR Waste Unloading Station (12/22/99)
2. Double-Shell Tank System (12/22/99)
3. Grout Treatment Facility (12/22/99)
4. Single-Shell Tank System (12/22/99)

C. RCRA Documents

2. Tank Farms Building Emergency Plan, HNF-IP-0263-TF

D. Closure Work Plans


E. Closure Plans

1. 2101-M Pond, Clean Closed, November 26, 1995
2. 216-B-3 Pond, Clean Closed, June 27, 1995

V. Compliance Agreements

A. NESHAPS Compliance Order, EPA, Docket No. 1092-01-23-112/114, February 1, 1993

B. Federal Facility Compliance Agreement for Radionuclide NESHAP, February 2, 1994

C. Interim Stabilization Consent Decree, May 1999

D. 241-SY - Tank Farm Compliance Inspection Settlement Agreement & Stipulated Order of Dismissal
VI. **NEPA**


C. Final Environmental Impact Statement for the Safe Interim Storage of Hanford Tank Wastes, DOE/EIS-0212, October 1995

D. Final Hanford Comprehensive Land-Use Plan Environmental Impact Statement, DOE/EIS-0222-F, September 1999
ATTACHMENT A

RPP NOTICES OF CORRECTION & NOTICES OF VIOLATION
<table>
<thead>
<tr>
<th>WDOH LETTER#</th>
<th>SUBJECT:</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR-96-703</td>
<td>RECORD RETRIEVAL</td>
</tr>
<tr>
<td>AIR-99-1005</td>
<td>AIR-97-402 (CLOSED) (5/30/97) 244-A LIFT STATION, HEPA, 241-SY, PROJECT W-058</td>
</tr>
<tr>
<td>AIR-97-614</td>
<td>AIR-97-405 T-PLANT AIR EMISSIONS*</td>
</tr>
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<td>AIR-97-703</td>
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<td>AIR-97-606 (CLOSED) (7/30/97) 296-T-18 (244-TX DCRT)</td>
</tr>
<tr>
<td>AIR-97-1109</td>
<td>AIR-99-402</td>
</tr>
<tr>
<td>AIR-98-402</td>
<td>AIR-99-403</td>
</tr>
<tr>
<td>AIR-99-403</td>
<td>AIR-99-715 (CLOSED LETTER) (7/28/99) PORTABLE/TEMPORARY RADIOACTIVE AIR EMISSION* UNITS (PTRAEU)</td>
</tr>
<tr>
<td>AIR-98-403</td>
<td>AIR-98-502</td>
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<td>AIR-98-702</td>
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<tr>
<td>AIR-98-702</td>
<td>AIR-98-1106</td>
</tr>
<tr>
<td>AIR-99-707</td>
<td>AIR-99-913 (CLOSURE LETTER) (9/23/99) CLOSES ALL OTHER ISSUES</td>
</tr>
<tr>
<td>AIR-99-913</td>
<td>AIR-98-501 324 TRITIUM RELEASE (NOTICE OF VIOLATION)*</td>
</tr>
<tr>
<td>AIR-98-501</td>
<td>AIR-98-706</td>
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<tr>
<td>AIR-98-706</td>
<td>AIR-98-709 (NOV)</td>
</tr>
</tbody>
</table>

40
AIR-98-707
AIR-99-105 (CLOSURE LETTER) (NOV) (1/13/99)

AIR-98-805
AIR-98-1108 (CLOSURE LETTER) (11/13/98)

AIR-98-1206
AIR-99-204
AIR-99-205
AIR-99-504 (CLOSURE LETTER) (5/11/99)

AIR-98-1216

AIR-99-110
AIR-99-502 (CLOSURE LETTER) (5/11/99)

AIR-99-301
AIR-99-901
AIR-00-1010 (CLOSURE LETTER) (10/19/00)

AIR-99-508
AIR-99-1001 (CLOSURE LETTER) (10/1/99)

AIR-00-311 (NOV)

WASHINGTION STATE DEPARTMENT OF ECOLOGY NOTICES OF CORRECTION

WDOE (ECOLOGY) LETTER
WDOE (ECOLOGY) LETTER

244-A DCRT (A-350 CATCH TANK) (SEPT. 23, 1996)

CLOSURE (JUNE 27, 1997)

WDOE (ECOLOGY) LETTER
WDOE (ECOLOGY) LETTER

241-SY TANK FARMS (JULY 8, 1998)

CLOSURE (OCTOBER 6, 2000)

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