**Department of Energy**
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

17-AMRP-0044

NOV 3 0 2016

Ms. Alexandra K. Smith, Program Manager
Nuclear Waste Program
Washington State Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

Dear Ms. Smith:

GROUNDWATER MONITORING NETWORK ENGINEERING EVALUATION REPORTS SCHEDULE

References: (1) Ecology ltr. to D. S. Shoop, RL, and J. A. Ciucci, CHPRC, from S. Dahl, "Re: Groundwater Engineering Report and Final Status Groundwater Monitoring Plan Requirements for the Integrated Disposal Facility, Nonradioactive Dangerous Waste Landfill, Low Level Burial Grounds Trench 94, and Low Level Burial Grounds "Green Islands" Dangerous Waste Management Units," 16-NWP-143, dtd. August 18, 2016.

(2) Ecology ltr. to D. S. Shoop, RL, and J. A. Ciucci, CHPRC, from C. Whalen, "Re: Groundwater Engineering Report and Final Status Groundwater Monitoring Plan Requirements for 216-A-37-1 Crib, 216-A-36B Crib, 216-B-63 Trench, 216-B-3 Pond, 216-A-29 Ditch, and 216-S-10 Pond and Ditch Dangerous Waste Management Units," 16-NWP-129, dtd. July 28, 2016.

(3) Ecology ltr. to K. W. Smith, ORP, and M. A. Lindholm, WRPS, from C. L. Whalen, "Re: Groundwater Monitoring Requirements for 200 West Area Single-Shell Tank (SST) Farms Final Status Groundwater Monitoring Plan," 16-NWP-090, dtd. May 16, 2016.

(4) Ecology ltr. to K. W. Smith, ORP, and M. A. Lindholm, WRPS, from C. Whalen, "Re: Groundwater Monitoring Requirements for 200 East Area Single-Shell Tank (SST) Farms Final Status Groundwater Monitoring Plan," 16-NWP-086, dtd. May 10, 2016.

This letter transmits the Groundwater Monitoring Network Engineering Evaluation Reports Schedule requested by the Washington State Department of Ecology (Ecology) in the above referenced letters. The schedule to prepare the Engineering Reports was discussed with Cheryl Whalen of your staff.

The schedule for preparing the Engineering Reports is based on using the Central Plateau groundwater modeling tools for the 200 West Area units and the Plateau to River groundwater modeling tools for the 200 East Area units. Any change from using these models will significantly impact the schedule.

If you have any questions please contact us, or your staff may contact, Mike Cline, of the Richland Operations Office Soil and Groundwater Division, on (509) 376-6070.

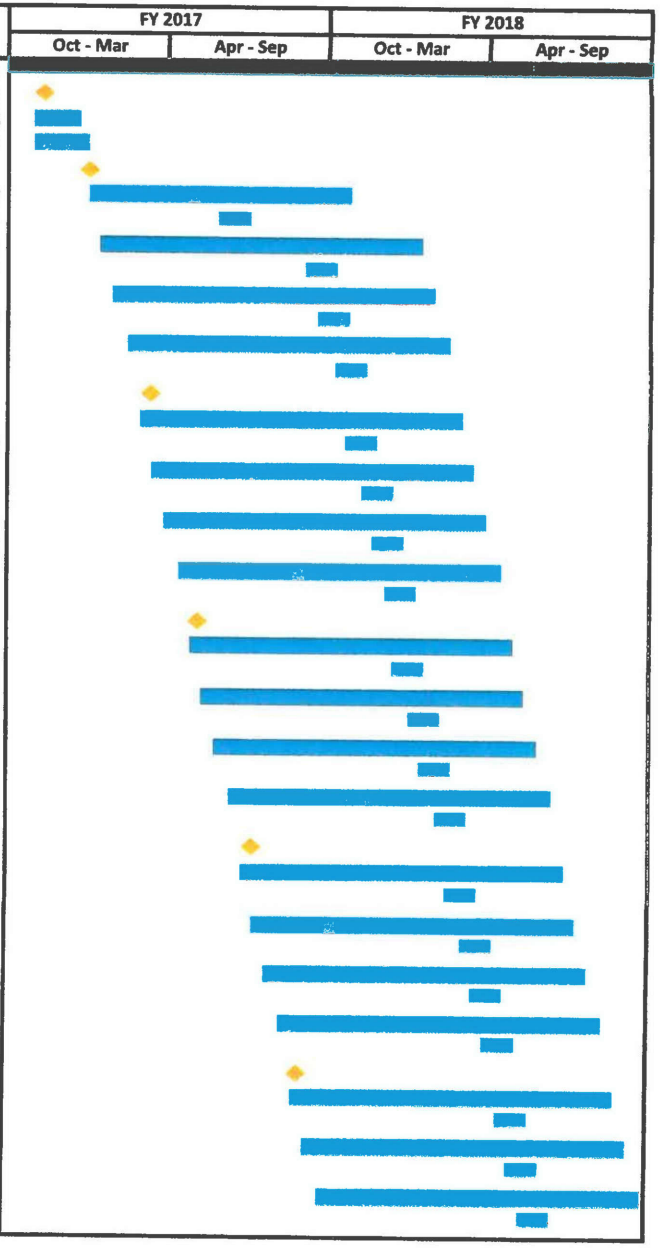
Ray J. Corey, Assistant Manager
for the River and Plateau
U.S. Department of Energy
Richland Operations Office

Glyn D. Trenchard, Acting Assistant Manager
for Tank Farms Project
U.S. Department of Energy
Office of River Protection

Attachment

cc w/attach:
D. J. Alexander, Ecology
J. M. Ayres, Ecology
D. B. Bartus, EPA
G. Bohnee, NPT
J. V. Borghese, CHPRC
A. Buck, Wanapum
R. Buck, Wanapum
J. A. Caggiano, Ecology
J. A. Ciucci, CHPRC
J. D. Crumpler, Ecology
S. L. Dahl-Crumpler, Ecology
P. E. Eberlein, Ecology
K. A. Elsethagen, Ecology
D. A. Faulk, EPA
D. Goswami, Ecology
S. Hudson, HAB
R. Jim, YN
J. J. Lyon, Ecology
S. Luttrell, Ecology
N. M. Menard, Ecology
K. Niles, ODOE
C. P. Noonan, MSA
R. E. Piippo, MSA
D. Rowland, YN
S. N. Schleif, Ecology
R. Skeen, CTUIR
E. R. Skinnarland, Ecology
M. J. Turner, MSA
C. L. Whalen, Ecology
Administrative Record
Ecology NWP Library
Environmental Portal
HF Operating Record (J. K. Perry, MSA A3-01)

# Groundwater Engineering Reports Schedule for Dangerous Waste Management Units

11/28/2016

| Activity Name | Duration | Start | Finish |
|---|---|---|---|
| **RCRA GW Monitoring Network Engineering Evaluation Reports** | **350 days** | **11/8/2016** | **8/16/2018** |
| RL Authorizes Work and Provides NTE | 0 days | 11/8/2016 | 11/8/2016 |
| Update Model with Current Geology Information | 25 days | 11/8/2016 | 12/30/2016 |
| Refine Engineering Report Template | 31 days | 11/8/2016 | 1/12/2017 |
| Start Group 1 RCRA Site Engineering Evaluation Reports | 0 days | 1/3/2017 | 1/3/2017 |
| LLWMA-2 Trench 94 GW Monitoring Network Engineering Evaluation Reports | 167 days | 1/3/2017 | 10/23/2017 |
| 30 Day Ecology Review of Trench 94 Engineering Evaluation Report | 30 days | 6/30/2017 | 7/31/2017 |
| WMA-U GW Monitoring Network Engineering Evaluation Report | 200 days | 1/17/2017 | 1/18/2018 |
| 30 Day Ecology Review of WMA-U Engineering Evaluation Report | 30 days | 9/6/2017 | 10/6/2017 |
| WMA-T GW Monitoring Network Engineering Evaluation Report | 200 days | 1/31/2017 | 2/1/2018 |
| 30 Day Ecology Review of WMA-Y Engineering Evaluation Report | 30 days | 9/20/2017 | 10/20/2017 |
| WMA-TX/TY GW Monitoring Network Engineering Evaluation Report | 200 days | 2/14/2017 | 2/15/2018 |
| 30 Day Ecology Review of WMA-TX/TY Engineering Evaluation Report | 30 days | 10/4/2017 | 11/3/2017 |
| Start Group 2 RCRA Site Engineering Evaluation Reports | 0 days | 3/1/2017 | 3/1/2017 |
| LLWMA-3 Green Islands GW Monitoring Network Engineering Evaluation Report | 200 days | 3/1/2017 | 3/5/2018 |
| 30 Day Ecology Review of LLWMA-3 Green Islands Engineering Evaluation Report | 30 days | 10/23/2017 | 11/22/2017 |
| LLWMA-4 Green Islands GW Monitoring Network Engineering Evaluation Report | 200 days | 3/15/2017 | 3/19/2018 |
| 30 Day Ecology Review of LLWMA-4 Green Islands Engineering Evaluation Report | 30 days | 11/6/2017 | 12/6/2017 |
| WMA-S/SX GW Monitoring Network Engineering Evaluation Report | 200 days | 3/29/2017 | 4/3/2018 |
| 30 Day Ecology Review of WMA-S/SX Engineering Evaluation Report | 30 days | 11/20/2017 | 12/20/2017 |
| 216-S-10 GW Monitoring Network Engineering Evaluation Report | 200 days | 4/12/2017 | 4/17/2018 |
| 30 Day Ecology Review of 216-S-10 Engineering Evaluation Report | 30 days | 12/4/2017 | 1/3/2018 |
| Start Group 3 RCRA Site Engineering Evaluation Reports | 0 days | 4/26/2017 | 4/26/2017 |
| WMA-A/AX GW Monitoring Network Engineering Evaluation Report | 200 days | 4/26/2017 | 5/1/2018 |
| 30 Day Ecology Review of WMA-A/AX Engineering Evaluation Report | 30 days | 12/18/2017 | 1/17/2018 |
| WMA-B/BX/BY GW Monitoring Network Engineering Evaluation Report | 200 days | 5/10/2017 | 5/15/2018 |
| 30 Day Ecology Review of WMA-B/BX/BY Engineering Evaluation Report | 30 days | 1/2/2018 | 2/1/2018 |
| WMA-C GW Monitoring Network Engineering Evaluation Report | 200 days | 5/25/2017 | 5/30/2018 |
| 30 Day Ecology Review of WMA-C Engineering Evaluation Report | 30 days | 1/16/2018 | 2/15/2018 |
| NRDWL/SWL GW Monitoring Network Engineering Evaluation Report | 200 days | 6/12/2017 | 6/13/2018 |
| 30 Day Ecology Review of NRDWL/SWL Engineering Evaluation Report | 30 days | 1/30/2018 | 3/1/2018 |
| Group 4 - Site Engineering Evaluation Report for Less Likely Closure Sites | 0 days | 6/26/2017 | 6/26/2017 |
| LLWMA-1 Green Islands GW Monitoring Network Engineering Evaluation Report | 200 days | 6/26/2017 | 6/27/2018 |
| 30 Day Ecology Review of LLWMA-1 Green Islands Engineering Evaluation Report | 30 days | 2/15/2018 | 3/17/2018 |
| IDF GW Monitoring Network Engineering Evaluation Report | 200 days | 7/12/2017 | 7/12/2018 |
| 30 Day Ecology Review of IDF Engineering Evaluation Report | 30 days | 3/1/2018 | 4/2/2018 |
| 216-B-3 GW Monitoring Network Engineering Evaluation Report | 200 days | 7/26/2017 | 7/26/2018 |
| 30 Day Ecology Review of 216-B-3 Engineering Evaluation Report | 30 days | 3/15/2018 | 4/16/2018 |
| 216-A-29 GW Monitoring Network Engineering Evaluation Report | 200 days | 8/9/2017 | 8/9/2018 |
| 30 Day Ecology Review of 216-A-29 Engineering Evaluation Report | 30 days | 3/29/2018 | 4/30/2018 |
| Group 5 - Site Engineering Evaluation Report for More Likely Closure Sites | 0 days | 8/23/2017 | 8/23/2017 |
| 216-A-37-1 GW Monitoring Network Engineering Evaluation Report | 200 days | 8/23/2017 | 8/27/2018 |
| 30 Day Ecology Review of 216-A-37-1 Engineering Evaluation Report | 30 days | 4/17/2018 | 5/17/2018 |
| 216-B-63 GW Monitoring Network Engineering Evaluation Report | 200 days | 9/7/2017 | 9/11/2018 |
| 30 Day Ecology Review of 216-B-63 Engineering Evaluation Report | 30 days | 5/1/2018 | 5/31/2018 |
| 216-A-36B GW Monitoring Network Engineering Evaluation Report | 200 days | 9/21/2017 | 9/25/2018 |
| 30 Day Ecology Review of 216-A-36B Engineering Evaluation Report | 30 days | 5/15/2018 | 6/14/2018 |