



Department of Energy
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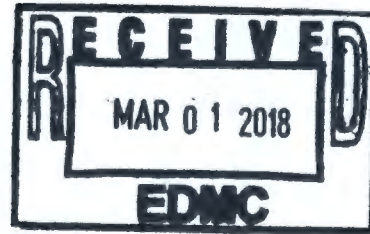
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18-AMRP-0058

FEB 22 2018

Mr. David Einan, Manager
 Office of Environmental Cleanup
 Site Cleanup Unit 4
 U.S. Environmental Protection Agency
 825 Jadwin Avenue, Suite 210
 Richland, Washington 99352

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



Addressees:

COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (TRI-PARTY AGREEMENT) MILESTONE M-024-69

This letter documents completion of Tri-Party Agreement Milestone M-024-69, "DOE shall complete the construction of all wells listed for Calendar Year 2018 and before, as identified in Attachment 1 of Tri-Party Agreement Change Package M-24-14-01," signed June, 20, 2017.

The installation of a total of 30 wells was completed on May 31, 2017, well in advance of the required December 31, 2018, due date. Attached is the listing of M-24 Calendar Year 2018 Wells that have been completed.

If you have any questions, please contact me, or your staff may contact, Mike Cline, of my staff, on (509) 376-6070.

Sincerely,

Joe R. Franco, Assistant Manager
 for the River and Plateau

AMRP:KLH

Attachment

cc: See page 2

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Addressees
18-AMRP-0058

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FEB 22 2018

cc w/attach:

S. G. Austin, CHPRC

J. Bell, NPT

S. L. Brasher, MSA

R. Buck, Wanapum

D. P. Capelle, CHPRC

S. W. Davis, MSA

S. Hudson, HAB

M. Johnson, CTUIR

R. Longoria, YN

N. M. Menard, Ecology

K. Niles, ODOE

D. Rowland, YN

S. N. Schleif, Ecology

Administrative Record (M-024-69)

Environmental Portal

M-24 Calendar Year 2018 Wells Completed

| # | Well ID | OU or Area | Well Name | Facility and/or Program | Justification/Purpose/Location | Comment | Completion Calendar Year |
|----|---------|------------|-------------|-------------------------|--|---------------------|--------------------------|
| 1 | C9412 | 200-UP-1 | 299-W19-116 | CERCLA | UP-1 RDRA Work Plan Monitoring Well #4. Replacement 4" well for 699-38-70. located north of the Environmental Restoration Disposal Facility (ERDF) area boundary and east of the 200 West Area boundary support groundwater plume characterization SST(U)-2 and SST(U)-1 were identified to monitor the emerging Tc-99 plume from U-Farm as it moves toward the two ZP-1 extraction wells to the North/Northeast | Accepted 6/15/2016 | M-024 CY2018 |
| 2 | C9544 | 100-HR-3 | 199-D8-102 | CERCLA | Monitoring well east of former coal ash pit (188D) and up gradient of existing P&T extraction well 199-D8-95. Monitor extent of coal ash pile impacts and up gradient Cr(VI) groundwater concentrations migrating to P&T system. Cr-VI was initially low and was not connected to P&T accordingly. Chromium has since trended up. Looking at realigning this as an extraction well as part of FY 18 RPO. | Accepted 7/6/2016 | M-024 CY2018 |
| 3 | C9547 | 100-HR-3 | 699-93-37A | CERCLA | Monitoring wells south of the 100-H reactor area – located in the 600 Area to the southeast of 100-H - FY 2016 P & T Optimization | Accepted 7/12/2016 | M-024 CY2018 |
| 4 | C9415 | 200-UP-1 | 299-W21-3 | CERCLA | UP-1 RDRA Work Plan Monitoring Well #2. Replacement 4" well for 699-35-70. located near the south eastern corner of ERDF support groundwater plume characterization | Accepted 7/25/2016 | M-024 CY2018 |
| 5 | C9542 | 100-HR-3 | 199-D5-160 | CERCLA | Monitoring well to target specific lithologic layers within the vadose zone | Accepted 8/2/2016 | M-024 CY2018 |
| 6 | C9613 | 100-HR-3 | 199-D4-102 | CERCLA | Orig. planned as extraction well. Well yield <10 gpm and was not connected. | Accepted 8/16/2016 | M-024 CY2018 |
| 7 | C9614 | 100-HR-3 | 199-D4-103 | CERCLA | Orig. planned as extraction well. Well yield <10 gpm and was not connected. | Accepted 8/16/2016 | M-024 CY2018 |
| 8 | C9414 | 200-UP-1 | 299-W15-115 | CERCLA | UP-1 RDRA Work Plan Monitoring Well #1. Replacement 4" well for 299-W19-18. located south of U Plant off of 16th Ave support groundwater plume characterization SST(U)-2 and SST(U)-1 were identified to monitor the emerging Tc-99 plume from U-Farm as it moves toward the two ZP-1 extraction wells to the North/Northeast | Accepted 10/25/2016 | M-024 CY2018 |
| 9 | C9411 | 200-UP-1 | 299-W22-114 | CERCLA | UP-1 RDRA Work Plan Monitoring Well #3. Replacement 4" well for 299-W22-9. located west of Beloit Ave in the southern portion of the 200 West Area | Accepted 12/8/2016 | M-024 CY2018 |
| 10 | C9593 | 200-UP-1 | 699-36-63B | CERCLA | UP-1 RDRA Work Plan Monitoring Well #12 Dual Purpose 8" located east of ERDF. I-129 plume hydraulic control remedy performance | Accepted 3/8/2017 | M-024 CY2018 |
| 11 | C9601 | 200-UP-1 | 699-32-64 | CERCLA | UP-1 RDRA Work Plan Monitoring Well southeast Chrome Plume 8" multipurpose monitoring Verify extent of high concentration center of southeast Cr plume | Accepted 3/20/2017 | M-024 CY2018 |
| 12 | C9602 | 200-UP-1 | 699-30-63 | CERCLA | UP-1 RDRA Work Plan Monitoring Well southeast Chrome Plume 8" multipurpose monitoring Verify extent of high concentration center of southeast Cr plume | Accepted 3/30/2017 | M-024 CY2018 |
| 13 | C9603 | 200-UP-1 | 699-32-59 | CERCLA | UP-1 RDRA Work Plan Monitoring Well southeast Chrome Plume 8" multipurpose monitoring Verify extent of high concentration center of southeast Cr plume | Accepted 3/23/2017 | M-024 CY2018 |
| 14 | C9690 | 300-FF-5 | 399-1-146 | CERCLA | Monitoring Well PRZ paired with C9701 | Accepted 4/17/2017 | M-024 CY2018 |
| 15 | C9698 | 300-FF-5 | 399-1-154 | CERCLA | Monitoring Well PRZ paired with C9702 | Accepted 4/17/2017 | M-024 CY2018 |
| 16 | C9701 | 300-FF-5 | 399-1-157 | CERCLA | Monitoring Well Aquifer paired with C9690 | Accepted 4/17/2017 | M-024 CY2018 |
| 17 | C9702 | 300-FF-5 | 399-1-158 | CERCLA | Monitoring Well Aquifer paired with C9698 | Accepted 4/17/2017 | M-024 CY2018 |
| 18 | C9708 | 300-FF-5 | 399-1-164 | CERCLA | Monitoring Well | Accepted 4/17/2017 | M-024 CY2018 |
| 19 | C9709 | 300-FF-5 | 399-1-165 | CERCLA | Monitoring Well | Accepted 4/17/2017 | M-024 CY2018 |

M-24 Calendar Year 2018 Wells Completed

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|----|-------|----------|-----------|--------|---|-----------------------|-----------------|
| 20 | C9710 | 300-FF-5 | 399-1-166 | CERCLA | Monitoring Well | Accepted 4/17/2017 | M-024 CY2018 |
| 21 | C9692 | 300-FF-5 | 399-1-148 | CERCLA | Monitoring Well PRZ paired with C9700 | Accepted 4/25/2017 | M-024 CY2018 |
| 22 | C9694 | 300-FF-5 | 399-1-150 | CERCLA | Monitoring Well PRZ paired with C9699 | Accepted 4/25/2017 | M-024 CY2018 |
| 23 | C9699 | 300-FF-5 | 399-1-155 | CERCLA | Monitoring Well Aquifer paired with C9694 | Accepted 4/25/2017 | M-024 CY2018 |
| 24 | C9700 | 300-FF-5 | 399-1-156 | CERCLA | Monitoring Well Aquifer paired with C9692 | Accepted 4/25/2017 | M-024 CY2018 |
| 25 | C9691 | 300-FF-5 | 399-1-147 | CERCLA | Monitoring Well PRZ paired with C9705 | Accepted 5/31/2017 | M-024 CY2018 |
| 26 | C9693 | 300-FF-5 | 399-1-149 | CERCLA | Monitoring Well PRZ paired with C9704 | Accepted 5/31/2017 | M-024 CY2018 |
| 27 | C9696 | 300-FF-5 | 399-1-152 | CERCLA | Monitoring Well PRZ paired with C9703 | Accepted 5/31/2017 | M-024 CY2018 |
| 28 | C9697 | 300-FF-5 | 399-1-153 | CERCLA | Monitoring Well PRZ paired with C9706 | Accepted 5/31/2017 | M-024 CY2018 |
| 29 | C9703 | 300-FF-5 | 399-1-159 | CERCLA | Monitoring Well PRZ paired with C9696 | Accepted 5/31/2017 | M-024 CY2018 |
| 30 | C9704 | 300-FF-5 | 399-1-160 | CERCLA | Monitoring Well PRZ paired with C9693 | Accepted 5/31/2017 | M-024 CY2018 |