



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

1249648  
[00651404]

18-AMRP-0132

**JUL 09 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

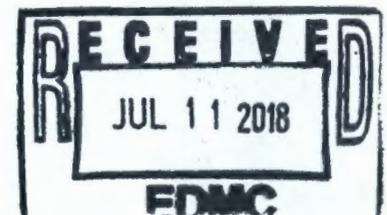
Dear Mr. Einan:

**COMPLETION CRITERIA FOR TRI-PARTY AGREEMENT MILESTONE M-016-193**

This letter documents completion criteria for Tri-Party Agreement Milestone M-016-193 agreed on by the U.S. Department of Energy Richland Operations Office and the U.S. Environmental Protection Agency (EPA) on April 26, 2018.

Tri-Party Agreement Milestone M-016-193 states the following "Complete the remedial design investigation of the southeast chromium plume, including the installation of new wells and evaluation of groundwater monitoring data and install monitoring wells needed for remedy performance monitoring as defined in the 200-UP-1 Remedial Design/Remedial Action Work Plan." As discussed during the April 26, 2018, meeting the submittal of Draft A of the remedial design investigation for the southeast chromium plume and the installation of 22 remedy performance wells by September 30, 2018, will complete the milestone.

Attached are the April 26, 2018, Meeting Minutes and the Well Map outlining the agreed upon path forward. The drilling of the 22 remedy performance wells was completed on June 26, 2018, and the Draft A chromium remedial design investigation report is on track to be submitted to EPA by the end of September 2018.



Mr. David Einan  
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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:KEA

Attachments:

1. April 26, 2018, Meeting Minutes
2. Well Map

cc w/attachs:

S. G. Austin, CHPRC  
J. Bell, NPT  
S. L. Brasher, MSA  
R. Buck, Wanapum  
S. W. Davis, MSA  
S. Hudson, HAB  
M. Johnson, CTUIR  
E. Laija, EPA  
R. Longoria, YN  
N. M. Menard, Ecology  
K. Niles, ODOE  
D. Rowland, YN  
S. N. Schleif, Ecology  
A. K. Smith, Ecology  
C. D. Wittreich, CHPRC  
**Administrative Record (M-016-193)**  
Environmental Portal

## MEETING NOTES

### TPA Milestone M-16-193 Discussion

**MEETING DATE:** April 26, 2018

**LOCATION:** 2420 Stevens Center, Rm 176, Richland, WA

**ATTENDEES:**

Kate Amrhein (DOE-RL)  
Chris Cearlock (CHPRC)  
Marty Doornbos (CHPRC)  
Emy Laija (EPA) - phone  
Jim Hanson (DOE-RL)  
Curt Wittreich (CHPRC)

**PURPOSE OF MEETING**

The purpose of this meeting was to discuss the path forward for TPA Milestone M-16-193. The powerpoint handout reviewed during the meeting is attached.

**SUMMARY OF MEETING**

The following bullets summarize the major topics and agreements that were made during the review of the handout:

- Discussed the purpose and need to adjust the milestone to install additional monitoring wells to help delineate the uranium plume. It was determined that the primary purpose of the milestone was to identify the wells necessary to complete the remedial design investigation of the southeast chromium plume.
- Determined that the 22 wells that have been installed to date or are currently being installed to support the southeast chromium plume investigation and remedy performance monitoring; along with submittal of the Draft A, Remedial Design Investigation report by 9/30/18, is sufficient to meet milestone M-16-193.
- The three wells (299-W19-126, 299-W19-127, and 299-W19-128) would be added to the M-24 well priority list for future installation.
- Any additional wells would also be included on the M-24 well priority list and the installation timeframe would be based on the priority ranking.
- Determined that a TPA Change Package was not needed.

**CONCLUSIONS**

TPA milestone M-016-193 will be met upon submittal of the Draft A Remedial Design Investigation report for the southeast chromium plume and completion of the 22 remedy performance monitoring wells.

**ACTIONS**

- 1) Set up follow-on meetings with EPA/RL/CHPRC to review SE Chromium Plume modeling results and status the remedial investigation report.
- 2) Update map to identify the 22 wells that are included in completion of the milestone and provide to attendees. This map was updated following the meeting and is attached.
- 3) Check to see if wells 299-W19-126, -127, -128 are identified in Performance Monitoring Plan and drilling SAP. The documents were reviewed following the meeting and the three wells are not identified in the PMP (DOE/RL-2015-14, Rev. 0); but are included in the drilling SAP (DOE/RL-2014-27, Rev. 2) and Waste Management Plan (DOE/RL-2016-13, Rev 0) via TPA change notice.

