

***Office of River Protection
Tri-Party Agreement Project Managers' Meeting Minutes***

October 8, 2020

Meeting held virtually, via MS TEAMS

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CONCURRENCE SIGNATURES

The undersigned TPA Project Managers (or their delegates) indicate by their signatures that these meeting minutes reflect the actual occurrences of the above-dated Tri-Party Agreement Project Managers' Meeting.

 Digitally signed by Brian A. Harkins
Date: 2020.11.11 12:31:22 -08'00'

Brian A. Harkins, Project Manager
DOE-ORP

Date: _____

 Digitally signed by Jason Young
Date: 2020.11.11 16:45:45 -08'00'

Jason Young, Project Manager
DOE-ORP

Date: _____

 Digitally signed by WAHED ABDUL
Date: 2020.11.13 14:13:22 -08'00'


Wahed Abdul, Project Manager
DOE-ORP

Date: _____


Digitally signed by Lyon, Jeffery (ECY)
Date: 2020.11.17 11:06:33 -08'00'


Jeff Lyon, Project Manager
Washington State Department of Ecology

Date: _____


Digitally signed by Decker, Jay (ECY)
Date: 2020.11.17 14:28:11 -08'00'

Jay Decker for,
Dan McDonald, Project Manager
Washington State Department of Ecology

Date: _____


Digitally signed by Temple, John (ECY)
Date: 2020.11.16 13:59:08 -08'00'

John Temple, Project Manager
Washington State Department of Ecology

Date: _____

**OFFICE OF RIVER PROTECTION TRI-PARTY AGREEMENT/CONSENT
DECREE MONTHLY PROJECT MANAGERS' MEETING**

TERMS

BBI	Best-basis inventory
BOF	Balance of Facilities
CD	Consent Decree
CD-3B	critical decision
CERCLA	<i>Comprehensive Environmental Response, Compensation and Liability Act</i>
DFLAW	direct feed low-activity waste
DOE	U. S. Department of Energy
DSA	Documented Safety Analysis
DST	double-shell tank
Ecology	Washington State Department of Ecology
EIS	Environmental Impact Statement
EM-1	DOE Office of Environmental Management, Assistant Secretary
EMF	Effluent Management Facility
EPA	U.S. Environmental Protection Agency
ERSS	Extended Reach Sluicer System
ETF	Effluent Treatment Facility
EVMS	earned value management system
FY	fiscal year
IAMIT	Inter-agency Management Integration Team
IMUST	Inactive Miscellaneous Underground Storage Tanks
IQRPE	Independent Qualified Registered Professional Engineer
LAW	Low-activity waste
LBL	LAW Facility, Balance of Facilities and Lab
LERF	Liquid Effluent Retention Facility
MUST	Miscellaneous Underground Storage Tank
ORP	U. S. Department of Energy, Office of River Protection
PA	Performance Assessment
PMM	project manager meeting
POC	Point of contact
PT	Pretreatment
RAD	Radiation absorbed dose
RCRA	<i>Resource Conservation and Recovery Act</i>
SST	single-shell tank
TC&WM	Tank Closure and Waste Management
TPA	Tri-Party Agreement
TSCR	tank-side cesium removal
TWRWP	tank waste retrieval work plan
UT	Ultrasonic Test
WMA-C	Waste Management Area C
WRPS	Washington River Protection Solutions LLC
WTP	Waste Treatment and Immobilization Plant

OFFICE OF RIVER PROTECTION TRI-PARTY AGREEMENT/CONSENT DECREE MONTHLY PROJECT MANAGERS' MEETING

1.0 ADMINISTRATIVE ITEMS/MILESTONE STATUS/ACTIONS

Upcoming Meetings

The next U.S. Department of Energy-Office of River Protection (ORP) Tri-Party Agreement Project Managers' meeting is scheduled for November 10, 2020, via MS TEAMS.

Recent Items Entered Into the Hanford Administrative Record

The Office of River Protection Tri-Party Agreement and Consent Decree monthly reports for the period of August 1- August 31, 2020, were entered into the Hanford Administrative Record on September 29, 2020.

Tri-Party Agreement Milestone Status

ORP stated all Tri-Party Agreement (TPA) milestones reported on were either Complete, On Schedule or In Dispute Resolution (for details on specific milestones, see pages 3-5 of the August 2020 ORP TPA Monthly Report).

Tri-Party Agreement Issues and Action Items

For reference, see attached, "ORP/Ecology TPA and CD Agreements, Issues and Action Items – October 2020 Meeting."

Action No. 1 (TF-20-01-01): *The action was closed (09/10/20).*

Action No. 2 (TF-20-01-03): ORP continues to provide updates on this action (see section 12.0 of this report). *The action remains open.*

Action No. 3 (TF-20-02-01): *The action was closed 09/10/20.*

Action No. 4 (TF-20-02-02): ORP reported WRPS had drafted the AP-106 Repurposing Report and it was currently in the clearance process. *The action remains open.*

Action No. 5 (TF-20-03-01): *The action was closed 09/10/20.*

Action No. 6 (TF-20-07-01): *The action was closed 09/10/20.*

Action No. 7 (TF-20-08-01): *The action was closed 09/10/20.*

2.0 SYSTEM PLAN

Significant Past Accomplishments

- ORP reported that the U.S. Environmental Protection Agency, ORP and Ecology continue to meet in the mediated session of the holistic negotiations.
- ORP also reported that the draft of the *River Protection Project System Plan, Rev. 9*, was completed and sent out for review and all comments were dispositioned.

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Significant Planned Actions in the Next Six Months

- ORP reported that essential mission-critical operations, with some added Phase 2 activities will continue while other COVID-19-related restrictions remain. Additional work on planning for remobilization, engineering analysis, permitting documentation development, etc. by both DOE and site contractors will progress as conditions support. ORP also noted that while more personnel have returned to the site and begun field work, COVID-19 restrictions and precautions, like temperature-checks and required social distancing affect the pace of some work.
- Ecology and ORP will continue discussions in support of *River Protection System Plan*, Rev. 9, which is due October 31, 2020, and is on schedule.

Issues/Other Items

ORP noted that Ecology ended System Plan 8 negotiations with remaining issues and TPA disputes unresolved, but those issues were to be possibly resolved via the Holistic Negotiations.

4.0 TANK-SIDE CESIUM REMOVAL SYSTEM

Significant Past Accomplishments

- ORP reported the balance of facilities pad construction is complete and ready for the delivery of the TSCR system.
- The rebar installation for the first section of the Ion Exchange Column storage pad was completed.
- The installation of the AP-06A wall nozzle that will connect the transfer line to the new transfer pump in Tank 241-AP-106 has been completed.

Significant Planned Actions in the Next Six Months

- ORP reported The TSCR process, auxiliary, and control enclosures will be shipped to the AP Farm mid-September (updated as complete).
- ORP will review the Documented Safety Analysis (DSA) addendum, Technical Safety Requirements (TSRs), and TSCR Readiness Plan of Action for approval.

Issues/Other Items

Ecology asked ORP if additional TSCR units were planned. ORP responded that none were planned at this time. ORP added that the TCSR can adequately stage a million gallons of treated waste before the start of the LAW facility, which will allow a significant amount of feed stored up, and at that point, ORP will reevaluate whether the existing TSCR unit will have capacity as is, or whether additional units or another option may be needed.

5.0 242-A EVAPORATOR STATUS

Significant Past Accomplishments

ORP reported it had:

- Initiated annual electrical preventive maintenance.
- Initiated installation Proximity Security Entry System.

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- Initiated work to upgrade monitor control system.
- Completed 90-percent design for transfer line replacement.
- Continued wall nozzle fabrication for slurry and feed transfer line.
- Completed actuator fabrication and functional testing.
- Completed work on the resolution of the universal joint Potential Inadequacy in the Safety Analysis (PISA).
- Completed work on the resolution of the buried pipe PISA.
- Awarded DSA upgrades panel design and fire modeling contracts.
- Completed development of the 45-percent engineering design for DSA upgrades and initiated development of the 90-percent engineering design.

Significant Planned Actions in the Next Six Months

- Complete upgrades to monitor control system.
- Complete annual electrical preventive maintenance.
- Complete installation of Proximity Security Entry System.
- Procure new PB-1 and PB-2 replacement pumps. (Note these are spare pumps and will be warehoused until or in case of need).
- Complete 100-percent design for transfer line replacement.
- Complete DSA panel 100 percent design and fire modeling.
- Complete instrument air dryer tie-in and turnover.
- Complete wall nozzle fabrication for slurry and feed transfer line.
- Complete the universal joint testing report and release the document.

Issues/Other Items

- Initial testing revealed an issue with the original universal joints on the actuators used to drive the valves. A PISA was written. Testing of different universal joints will be performed at the vendor's shop. ORP is working on the final report to close the PISA. Testing on the universal joints is needed and will be performed at the vendor shop. However, ORP reported, that testing may be completed on site. ORP also reported that it had put a compensatory measure in place of placing a camera in the pit so personnel can visually verify the when the valve handle is turned to the correct position before the start of a transfer.

6.0 LIQUID EFFLUENT RETENTION FACILITY AND 200 AREA EFFLUENT TREATMENT FACILITY

Significant Past Accomplishments

ORP reported it is focused on significant facility upgrades and repair activities to prepare for supporting DFLAW and the additional waste treatment capacity needed to support DFLAW. ORP also reported the following:

- Total FY20 processing volume: ~1 million gallons
- ETF:
 - Completed chiller upgrade
 - Completed tank repair verification

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- Completed cooling tower system upgrade
- Completed design of ultraviolet/oxidation system upgrade
- Completed design for the monitoring and control system upgrade
- Completed preliminary design review for supplemental organic treatment system (i.e., ETF acetonitrile treatment)
- Completed preliminary design review of Load-In Station building expansion
- Completed preliminary design review for Vessel Off-Gas System upgrade
- Began conceptual design of the Motor Control Center upgrade
- Began conceptual design of carbon dioxide membrane contractors upgrade
- Began conceptual design of freeze protection upgrade
- LERF Basin 41:
 - Completed installation final design

Significant Planned Actions in the Next Six Months

- Complete design of the ETF Load-In Station building expansion
- Complete design of the ETF redundant filtration upgrade
- Complete design of the ETF Vessel Off-Gas System upgrade
- Complete design of the ETF supplemental organic treatment system
- Complete design of the ETF freeze protection upgrade
- Complete design of the ETF carbon dioxide membrane contactors
- Complete design of the ETF brine storage tanks
- Complete design of the ETF Motor Control Center
- Complete design of the ETF modular grout system

Issues/Other Items

ORP reported that work has paused on the LERF Basin 44 cover replacement project while nuclear safety evaluations are performed by WRPS and ORP. Evaluations are being performed due to visual indication of solid material in the basin and sample results from that material. Two options to repair/replace the LERF Basin 44 cover have been developed and issued to vendors for bid proposals. ORP is preparing a Justification for Continued Operation (JCO) to allow pumping down the liquid in Basin 44 to determine exactly what solids remain in the basin. ORP reported that at this point, it does not know exactly what the radiation level is in the solid. ORP reported that pumping the liquids down, it will be able to make a decision and on repair or replacement of the basin.

7.0 TANK SYSTEM UPDATE

7.1 Double-Shell Tank Integrity

Significant Past Accomplishments

ORP noted the following activities:

- Received and installed a retractable corrosion monitoring probe in Tank 241-AY-101.
- Completed ultrasonic testing inspections: 241-AW-102, 241-AW-101.

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- Completed enhanced annulus visual inspection: 241-AW-101, 241-AW-102, 241-AW-103, 241-AW-104, 241-AW-105, 241-AW-106, 241-SY-101, 241-SY-102, 241-SY-103.
- Completed annulus visual inspection of 241-AY-102 thru risers 88 & 89.
- Revised RPP-RPT-31599, *DST Integrity Inspection Report for 241-AN*.
- Released RPP-RPT-62123, *Ultrasonic Inspection and Air Slot Visual Inspection Results for DST 241-AW-102*.
- Released RPP-RPT-62202, *Ultrasonic Inspection and Air Slot Visual Inspection Results for DST 241-AW-101*.
- Issued a contract to fabricate, test, and deliver a primary tank bottom volumetric inspection system.
- Issued a contract to design and fabricate a tertiary leak detection inspection tool.
- Completed fabrication of two retractable corrosion monitoring probes for Tanks 241-AP-102 and 241-AZ-101.

Significant Planned Actions in the Next Six Months

- Complete Tank 241-AW-106 ultrasonic testing.
- Fabricate and install retractable corrosion monitoring probes in Tanks 241-AP-102 and 241-AZ-101.

Ultrasonic Testing Report Status

- 241-AW-102 ultrasonic testing report released in June 2020.
- 241-AW-101 ultrasonic testing report released in August 2020.

Issues/Other Items

None.

7.2 Single-Shell Tank Integrity

Significant Past Accomplishments

- Performed TFC-ENG-CHEM-P-57, *Intrusion Notification and Tank Leak Assessment Process*, on: 241-SX-104, 241-T-109
- Completed visual inspections of: 241-TX-101, 241-TX-102, 241-TX-104, 241-TX-107, 241-S-103, and 242-S-110, 241-BX-112, 241-BY-107, 241-SX-112, 241-TX-110, 241-BX-109, 241-B-107, 241-BX-108, 241-BX-105
- Visual inspections for extent of condition, as a result of Tank 241-SX-112 findings in February 2020: 241-SX-112, 241-SX-109, 241-SX-108, 241-SX-111, 241-SX-110, 241-SX-106
- Completed work package planning for visual inspection of five miscellaneous underground storage tanks.
- Completed Tanks 241-SX-112 Leica laser scan.

Significant Planned Actions in the Next Six Months

- Perform TFC-ENG-CHEM-P-57, *Intrusion Notification and Tank Leak Assessment Process*, on Tanks 241-TX-113 and 241-B-109 (in progress).

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- Perform Tank 241-B-109 visual inspection.
- Perform Tank 241-SX-111 Leica laser scan.
- Perform Tank 241-SX-109 Leica laser scan.

Issues/Other Items

- Tank 241-SX-112 was visually inspected in late February and there were three spots of spalled concrete in the dome. Further investigation is ongoing and a path forward is being developed. There is no evidence of structural issues; however, the dome loading is being limited to current levels until further analysis is complete. The full analysis may take several months to complete.
- Tank 241-SX-109 was inspected visually in late July. Spalled concrete was identified in the northeast portion of the tank dome next to a rectangular construction manhole. Additional small/shallow spalling locations, similar to those in Tank 241-SX-112, were noted on the tank dome. Concrete has been noted on the waste surface, and, comparing to past visual inspections, suggests that the spalling occurred post-1996.
- Tank 241-SX-108 was inspected visually in early August. Minor spalled concrete was identified on the tank dome.
- Tank 241-SX-111 was inspected visually in mid-August. Spalled/cracked concrete was identified in various locations on the tank dome. Concrete has been noted on the waste surface, and, when comparing to past visual inspections, suggests that the spalling occurred post-1987.
- Ecology asked to be provided with the Request for Proposal for the Primary Tank Volumetric Inspection/Tertiary Leak Detection Tool contract. ***ORP took the action to provide Ecology with the Request for Proposal for the Primary Tank Volumetric Inspection/Tertiary Leak Detection Tool contract.***
- Ecology asked to be provided with the SX-112 Leica laser scan report. ***ORP took the action to provide the SX-112 Leica laser scan report to Ecology.***
- Ecology also made a general statement that some reference documents cited in ORP reports are often not available.

8.0 IN-TANK CHARACTERIZATION AND SUMMARY

8.1 Reports Completed or Released

ORP completed three reports and released one. For details, please refer to page 25-26 of the August 2020 TPA monthly report.

8.2 Tank Sampling

Significant Past Accomplishments

- Nothing noted

Significant Planned Actions in the Next Six Months

- Tank 241-AN-106 core sampling is planned for September through October 2020.
- Tank 241-AN-106 liquid grab sampling is planned for October 2020.

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- Tank 241-AP-107 pre-qualification testing grab sampling is planned for November 2020.
- Tank 241-AP-107 large-volume grab sampling is planned for December 2020.
- Tank 241-AX-102 post-retrieval solids grab sampling is planned for September 2020 (delayed for the 222-S Laboratory outage).
- Catch Tank C-301 grab sampling is planned for January 2021.

Issues/Other Items

- Nothing noted

8.3 Best-Basis Inventory Updates

Significant Past Accomplishments

- Best-basis inventory updates for the following tanks were Completed in August: 241-AN-101, 241-BX-106, 241-BX-111, 241-U-105, 241-U-112.

Significant Planned Actions in the Next Six Months

- Best-basis inventory updates for the following tanks are currently planned to be completed in September 2020: 241-A-101, 241-BY-105, 241-T-109, 241-TX-111, 241-U-111.

Issues/Other Items

- None reported

9.0 SINGLE-SHELL TANK CLOSURE PROGRAM

Significant Past Accomplishments

ORP reported the following completed activities:

- Submitted revisions and comment responses to Ecology for RPP-RPT-59389, Tier 2 Resource Conservation and Recovery Act (RCRA) Closure Action Plan for Waste Management Area C; RPP-RPT-59390, Tier 3 Resource Conservation and Recovery Act (RCRA) Component Closure Activity Plan for 241-C-200 Series Tanks; and RPP-RPT-58858, Tier 1 Closure Plan Single-Shell Tank System.
- Continued permitting workshops with Ecology for the SST closure plans in the Hanford Site-wide permit. The workshops are currently being conducted as teleconferences.
- Analysis of the Tank 241-C-106 in-tank videos have yielded the Camera/ Computer Aided Design Modeling System volume estimate of 285.98 cubic feet, actual volume(calculation) 316.66 cubic feet, and 95 percent upper confidence level 334.92 cubic feet.
- Mobilized subcontract labor and equipment to start field activities on the TX Evapotranspiration Basin.
- Submitted revisions and comment responses to Ecology for RPP-RPT-59389, Tier 2 Resource Conservation and Recovery Act (RCRA) Closure Action Plan for Waste Management Area C; RPP-RPT-59390, Tier 3 Resource Conservation and Recovery Act

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(RCRA) Component Closure Activity Plan for 241-C-200 Series Tanks; and RPP-RPT-58858, Tier 1 Closure Plan Single-Shell Tank System.

- Continued permitting workshops with Ecology for the SST closure plans in the Hanford Site-wide permit. The workshops are currently being conducted as teleconferences.
- Analysis of the Tank 241-C-106 in-tank videos have yielded the Camera/ Computer Aided Design Modeling System volume estimate of 285.98 cubic feet, actual volume(calculation) 316.66 cubic feet, and 95 percent upper confidence level 334.92 cubic feet.
- Mobilized subcontract labor and equipment to start field activities on the TX Evapotranspiration Basin.
- A cultural resource review was prepared and submitted for Washington State Historic Preservation Officer and tribal review in support of the barriers at the TX Barrier Special Emphasis Area and National Environmental Policy Act. Based on the review determination, there are no cultural resource concerns related to the construction of the Evapotranspiration barrier.
- Completed clearing and grubbing, as well as pot holing, and started mass excavation on the TX Evapotranspiration Basin.
- Held M-045-56 Milestone pre-meeting with Ecology, DOE, and Washington River Protection Solutions LLC staff on June 16, 2020.
- Conducted the M-045-56 Milestone annual meeting on July 9, 2020.
- Submitted RPP-RPT-61684, Maintenance and Performance Monitoring Plan for the Interim Barriers Program, Rev. 1, to Ecology via letter 20-TF-0069 on July 23, 2020. Ecology has extended its review of the document until September 18, 2020 (20-NWP-137). Report RPP-RPT-61684, Rev. 00B, was delivered to Ecology on October 10, 2019, to complete M-045-92AC Milestone.

Significant Planned Activities in the Next Six Months

ORP reported the following planned activities:

- Resolve Ecology's comments on RPP-RPT-59389, RPP-RPT-59390, and RPP-RPT-58858.
- Submit the yearly report summarizing the results of maintenance and performance monitoring activities to meet M-045-92AD Milestone.
- Complete the Storm Water Drain System for the TX Evapotranspiration Basin.
- Hold the WMAs A/AX boundary meeting, which is scheduled for September 1, 2020, for the purpose of reaching agreement.

Issues/Other Items

- See pages 32-34 of the August 2020 ORP TPA Monthly Report

10.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

Significant Past Accomplishments

Refer to the Consent Decree portion of these meeting minutes (page 14 section 2.0).

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Significant Planned Activities in the Next Six Months

Refer to the Consent Decree portion of these meeting minutes (page 14, section 2.0).

Issues

Refer to the Consent Decree portion of these meeting minutes (page 14, section 2.0).

11.0 TANK OPERATIONS CONTRACT OVERVIEW

The earned value data can be viewed in the August 2020 ORP TPA Monthly Report on pages 36-38.

12.0 DIRECT FEED LAW UPDATE

ORP provided an update on Direct Feed Low Activity Waste (DFLAW). On the "Fix It Now" (FIN) team that is addressing the issue of how iodine will be processed in the DFLAW phase, ORP reported that the FIN team activities are drawing to a close, and it would be contacting Ecology soon to share its conclusions as well as recommendations for the path forward. On the DFLAW schedule, ORP reported that the critical path is still the Waste Treatment Plant. ORP further reported that fieldwork for DFLAW critical projects has resumed, and that its August 2020 data reflects a lessening of the day-for-day impacts due to the COVID-19 pandemic.

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1.0 CONSENT DECREE MILESTONES/ADMINISTRATIVE ACTIONS

Consent Decree Milestones

ORP reported milestones as On Schedule, At Risk, or Under Analysis (see pages 3-4 of the ORP August 2020 Consent Decree Monthly Report).

Consent Decree Issues and Action Items

For reference, see attached "ORP/Ecology TPA and CD Agreements, Issues and Action Items – October 2020 Meeting."

Action Items

No actions at this time.

2.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

Significant Accomplishments during the Prior Month

- Completed Tank AX-104 D Pit extended reach sluicer system installation.
- Completed large hose-in-hose transfer line (HIHTL) hose barn and shield plate removal between AX Tank Farm and AP Tank Farm
- Completed A Tank Farm exhaust ventilation system and turnover to the Operations organization.

On-Going Activities

- Continue Tank AX-102 practicability evaluation preparation.
- Continue procurement of the residual volume measurement system.
- Continue Tank AX-104 mechanical and electrical system installation.
- Continue Tank AX-103 on-dome electrical system installation.
- Continue Tank AX-103 HIHTL system installation.
- Continue Tank AX-101 and A-101 equipment removal activities.

Significant Planned Activities in the Next Month

- Complete removal of AY Tank Farm to AP Tank Farm HIHTL (six sections) in support of future A Tank Farm HIHTL installation
- Complete AX-104 C and D Pit integrated system leak testing
- Complete Tank AX-101 B Pit saltwell screen removal
- Complete Tank A-101 standard hydrogen monitoring system removal

Issues/Other Items

- ORP referred to pages 8-9 of the July 2020 Consent Decree Monthly Report for the complete listing of issues.
- On the practicability evaluation being conducted at tank 241-AX-102, ORP said it was going to deploy laser scans to test the laser scanning process on AX-102, though a determination is not expected for some time. ORP also it was testing waste dissolving

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methods in the tank, but again, it will take some time to determine the viability as a third retrieval technology.

3.0 TANK WASTE RETRIEVAL WORK PLAN STATUS

Significant Accomplishments during the Prior Month

ORP reported no activity.

Significant Planned Activities in the Next Month

ORP reported no new activity.

4.0 RETRIEVE AND CLOSE SINGLE-SHELL TANKS

Significant Accomplishments during the Prior Month

ORP reported no activity.

Significant Planned Activities in the Next Month

ORP reported no new activity.

5.0 WASTE TREATMENT AND IMMOBILIZATION PLANT PROJECT

As a general overview of the project, ORP reported that personnel are starting to be brought back on site and as a result, work is progressing at a more rapid pace. However, personnel are dealing with reconfiguration of facilities to address COVID protocols and social distancing. ORP also noted that it is reviewing the recommendations from the Analysis of Alternatives (AoA) team. ORP has not ruled out asking the team for more alternative scenarios however. On the project schedule, ORP reported that there was an \$89k positive schedule variance. In addition:

- LAB reported a favorable SV due to the completion of maintenance training activities in July.
- DFLAW Construction reported a favorable SV due to completion of construction activities including subcontract work associated with coatings; heat trace; insulation and heating, ventilation, and air-conditioning previously behind schedule.
- BOF reported a favorable SV due to completing site paving activity previously behind schedule.

However, ORP reported, those favorable schedule variances were offset by LAW Facility changes in the execution strategies for commissioning procurements, which are now being performed later than initially planned and the impacts from the site posture imposed due to COVID-19. Negative cost variances were also reported, again due to COVID-19 impacts.

6.0 PRETREATMENT FACILITY

Project Schedule and Cost Variance Performance

The earned value data can be viewed in the August 2020 ORP Consent Decree Monthly Report on page 23.

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Significant Accomplishments during the Prior Month

- Completed vendor negotiations for termination of 16 of the 17 Priority-1 purchase orders that have been in suspension to reduce the procurement liabilities.

Significant Planned Activities in the Next Month

- Continue to manage suspended plant equipment purchase orders to reduce storage and suspension costs and evaluate ways to reduce project procurement liability
- Continue to implement asset maintenance at the PT Facility to protect equipment and structures and to ensure design documents are maintained
- ORP is continuing work on reducing liabilities on suspended Priority-2 purchase orders

Issues/Other Items

- None reported

7.0 HIGH-LEVEL WASTE FACILITY

Project Schedule and Cost Variance Performance

The earned value data can be viewed in the August 2020 ORP Consent Decree Monthly Report on page 26.

Significant Accomplishments during the Prior Month

- Completed 60 percent design review of the HLW Facility melter process system in August 2020.

Significant Planned Activities in the Next Month

- Continue to perform engineering design activities and hazard analysis for key mechanical and process systems. Priority systems for fiscal year 2020 and early 2021 include the design of the HLW Facility melter feed process, primary offgas process, and ventilation systems.
- Continue to manage suspended plant equipment purchase orders to reduce storage and suspension costs and to evaluate ways to reduce project procurement liability.
- Continue to implement asset maintenance at the HLW Facility to protect equipment and structures and to ensure design documents are maintained.

Issues/Other Items

- The Department of Energy has completed the Analysis of Alternatives Report and both ORP and Ecology are reviewing. ORP stated it may seek additional alternatives in an effort to find a more cost-efficient method.
- ORP noted that focus areas for the project include working on the C5 ventilation system and the melter structural design with updated seismic criteria. ORP stated it will have a preliminary briefing with the Defense Nuclear Facilities Board, possibly in November.
- ORP reported it is adjusting cost and budget projections in response to the Congressional Continuing Resolution funding allotment for Fiscal Year 2021.

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8.0 LOW-ACTIVITY WASTE FACILITY

Project Schedule and Cost Variance Performance

The earned value data can be viewed in the August 2020 ORP Consent Decree Monthly Report on page 29.

Significant Accomplishments during the Prior Month

- Completed handover of the chilled water system (CHW-L-01) to the Plant Management organization for operation
- Completed pressurization of the LAW Facility fire-water service system
- Startup organization completed deenergized testing of the LAW Facility melter process system.

Significant Planned Activities in the Next Month

- Construction will continue completion activities for LAW Facility systems.
- Startup organization will continue testing of LAW Facility systems.

Issues/Other Items

- ORP reported that As of July 2020, the LAW Facility was 85 percent complete overall, with engineering design 98 percent complete, procurement 100 percent complete, construction 99 percent complete, and startup and commissioning 46 percent complete.
- ORP offered Ecology a walkdown of the LAW Facility to note progress on the Consent Decree milestone for substantial completion of the facility.

9.0 BALANCE OF FACILITIES

Project Schedule and Cost Variance Performance

The earned value data can be viewed in the August 2020 ORP Consent Decree Monthly Report on page 31.

Significant Accomplishments during the Prior Month

- Completed installation and backfill of the piping between the EMF low-point drain and the tank farms low-activity waste feed interface point – a key milestone in the project
- Completed handover of the medium voltage electrical system for the standby diesel generator to the Plant Management organization for operations
- Completed flushing of the deionized water system in EMF
- Completed flushing of the potable water system in EMF
- Continued EMF system walkdowns to support turnover to the Startup organization.

Significant Planned Activities in the Next Month

- Continue design support for EMF construction and BOF startup activities
- Continue EMF system walkdowns and startup testing
- Continue steam plant system testing
- Continued site road preparation and paving.

OFFICE OF RIVER PROTECTION TRI-PARTY AGREEMENT/CONSENT DECREE MONTHLY PROJECT MANAGERS' MEETING

Issues/Other Items

ORP reported on overall progress at BOF. Specifically, BOF has completed construction and initiated startup testing for all systems. BNI has completed startup testing for 94 percent of the BOF systems, and custody of these systems has been transferred to the Plant Management organization for operations.

10.0 ANALYTICAL LABORATORY

Project Schedule and Cost Variance Performance

The earned value data can be viewed in the August 2020 ORP Consent Decree Monthly Report on page 33.

Significant Accomplishments during the Prior Month

- Continued method validation activities.
- Identified modifications to improve performance by Plant Engineering, while evaluating airflow challenges with the fume hoods. The subcontract has been awarded and fume hood sash modifications to the fume hood sashes are upcoming.
- Completed commissioning for the high purity gas systems.
- Continued resolution of outstanding punchlist activities.

Significant Planned Activities in the Next Month

- Continue program and facility preparations for operation
- Continue to progress program implementation activities to support LAB readiness for operation.

Issues/Other Items

- The project is working on a modification to the fume hoods to address a differential issue.
- Ecology asked when BOF would be providing steam and utilities on a full-time basis. ORP responded that it is working on diligently on this, but that the facility was originally designed for a much different capacity and adjustments have had to be made.



THE HANFORD SITE

Office of River Protection Tri-Party Agreement

Monthly Reporting Period
August 1 – 31, 2020

Significant Past Accomplishments

- August 2020, the draft of the *River Protection Project System Plan*, Rev. 9, was completed and sent out for review and all comments were dispositioned.
- The U.S. EPA, DOE, and Ecology met in the first mediated session of the “holistic negotiations” on June 25, 2020. Additional, mediated working sessions were held on August 5, 2020 and August 28, 2020.

Significant Planned Actions in the Next Six Months

- Discuss disputes with regard to milestone M-062-45 and its associated milestones during “holistic negotiations.”
- Ecology and ORP will continue discussions in support of River Protection System Plan, Rev. 9, development, due October 31, 2020.

Issues

- Ecology and ORP have ended negotiations related to the M-062-45 milestone and have initiated dispute. “holistic negotiations” are planned to resolve these disputes.

Comments applicable to each issues section in this presentation:

- DOE authorized the Hanford Site to transition to Phase 2 beginning August 31, 2020.
- On March 24, 2020, the Hanford Site moved to an essential mission-critical operations posture in recognition of increasing COVID-19 concerns. While the majority of the Hanford Site workforce continues to telework, there are a limited number of workers reporting to the site to perform activities necessary to maintain the site in a safe condition, continuing to protect the community, region, and the environment. Additional work on planning for remobilization, engineering analysis, permitting documentation development, etc. by both the DOE and site contractors progresses as conditions allow.
- On May 20, 2020, DOE authorized the Hanford Site to move to Phase 1. Hanford Site operations began Phase 1 on May 26, 2020. During Phase 1, essential mission-critical operations were continued and targeted mobilization and low-risk workscope, such as implementation of COVID-19 protocols to infrastructure and facilities, required training, medical evaluations, and limited construction activities were added.
- DOE and its contractors are engaged in ongoing analysis of work schedule impacts. DOE is continuing to evaluate the information and COVID-19 potential impacts on the TPA and, if other actions may be necessary.

Significant Planned Actions in the Next Six Months

- See the system plan section for updates related to M-052-45 milestone negotiations

Issues

- See the system plan section for updates related to M-052-45 milestone negotiations

Significant Past Accomplishments

- The balance of facilities pad construction is complete and ready for the delivery of the TSCR system.
- The rebar installation for the first section of the Ion Exchange Column storage pad was completed.
- The installation of the AP-06A wall nozzle that will connect the transfer line to the new transfer pump in Tank 241-AP-106 has been completed.

Significant Planned Actions in the Next Six Months

- The TSCR process, auxiliary, and control enclosures will be shipped to the AP Farm mid-September.
- ORP will review the DSA addendum, TSRs, and TSCR Readiness Plan of Action for approval.

Significant Past Accomplishments

- Initiated annual electrical preventive maintenance.
- Initiated installation Proximity Security Entry System.
- Initiated work to upgrade monitor control system.
- Completed 90-percent design for transfer line replacement.
- Continued wall nozzle fabrication for slurry and feed transfer line.
- Completed actuator fabrication and functional testing.
- Completed work on the resolution of the universal joint PISA.
- Completed work on the resolution of the buried pipe PISA.
- Awarded DSA upgrades panel design and fire modeling contracts.
- Completed development of the 45-percent engineering design for DSA upgrades and initiated development of the 90-percent engineering design.

Significant Planned Actions in the Next Six Months

- Complete upgrades to monitor control system.
- Complete annual electrical preventive maintenance.
- Complete installation of Proximity Security Entry System.
- Procure new PB-1 and PB-2 replacement pumps.
- Complete 100-percent design for transfer line replacement.
- Complete DSA panel 100 percent design and fire modeling.
- Complete instrument air dryer tie-in and turnover.
- Complete wall nozzle fabrication for slurry and feed transfer line.
- Complete the universal joint testing report and release the document.

Issues

- Initial testing revealed an issue with the original universal joints on the actuators used to drive the valves. A PISA was written. Testing of different universal joints is needed and will be performed at the vendor's shop.

Significant Past Accomplishments

- Total FY20 processing volume: ~1 million gallons
- ETF:
 - Completed chiller upgrade
 - Completed tank repair verification
 - Completed cooling tower system upgrade
 - Completed design of ultraviolet/oxidation system upgrade
 - Completed design for the monitoring and control system upgrade
 - Completed preliminary design review for supplemental organic treatment system (i.e., ETF acetonitrile treatment)
 - Completed preliminary design review of Load-In Station building expansion
 - Completed preliminary design review for Vessel Off-Gas System upgrade
 - Began conceptual design of the Motor Control Center upgrade
 - Began conceptual design of carbon dioxide membrane contractors upgrade
 - Began conceptual design of freeze protection upgrade
- LERF Basin 41:
 - Completed installation final design

Significant Planned Actions

- Complete design of the ETF Load-In Station building expansion
- Complete design of the ETF redundant filtration upgrade
- Complete design of the ETF Vessel Off-Gas System upgrade
- Complete design of the ETF supplemental organic treatment system
- Complete design of the ETF freeze protection upgrade
- Complete design of the ETF carbon dioxide membrane contactors
- Complete design of the ETF brine storage tanks
- Complete design of the ETF Motor Control Center
- Complete design of the ETF modular grout system

Issues

- Work has paused on the LERF Basin 44 cover replacement project while nuclear safety evaluations are performed by WRPS and ORP. Evaluations are being performed due to visual indication of solid material in the basin and sample results from that material. Two options to repair/replace the LERF Basin 44 cover have been developed and issued to vendors for bid proposals.

LERF Volumes

Description	242AL-42 (Basin 42)	242AL-43 (Basin 43)	242AL-44 (Basin 44)
AZ-301 Condensate		-	-
Mixed Waste Trench 31 and 34	+19,700	-	-
Other	-	-	-
Processing Campaign(s)	-	-	-
Total Volume	2,936,000	6,473,000	863,000 ¹

Data Date: August 31, 2020

Values shown in gallons

¹ The increase in volume in Basin 44 includes water added to the cover for dust suppression.

Significant Past Accomplishments

- Received and installed a retractable corrosion monitoring probe in Tank 241-AY-101.
- Completed ultrasonic testing inspections: 241-AW-102, 241-AW-101.
- Completed enhanced annulus visual inspection: 241-AW-101, 241-AW-102, 241-AW-103, 241-AW-104, 241-AW-105, 241-AW-106, 241-SY-101, 241-SY-102, 241-SY-103.
- Completed annulus visual inspection of 241-AY-102 thru risers 88 & 89.
- Revised RPP-RPT-31599, *DST Integrity Inspection Report for 241-AN*.
- Released RPP-RPT-62123, *Ultrasonic Inspection and Air Slot Visual Inspection Results for DST 241-AW-102*.
- Released RPP-RPT-62202, *Ultrasonic Inspection and Air Slot Visual Inspection Results for DST 241-AW-101*.

Significant Past Accomplishments continued

- Issued a contract to fabricate, test, and deliver a primary tank bottom volumetric inspection system.
- Issued a contract to design and fabricate a tertiary leak detection inspection tool.
- Completed fabrication of two retractable corrosion monitoring probes for Tanks 241-AP-102 and 241-AZ-101.

Significant Planned Actions

- Complete Tank 241-AW-106 ultrasonic testing.
- Fabricate and install retractable corrosion monitoring probes in Tanks 241-AP-102 and 241-AZ-101.

Ultrasonic Testing Report Status

- 241-AW-102 ultrasonic testing report released in June 2020.
- 241-AW-101 ultrasonic testing report released in August 2020.

Significant Past Accomplishments

- Performed TFC-ENG-CHEM-P-57, *Intrusion Notification and Tank Leak Assessment Process*, on: 241-SX-104, 241-T-109
- Completed visual inspections of: 241-TX-101, 241-TX-102, 241-TX-104, 241-TX-107, 241-S-103, and 242-S-110, 241-BX-112, 241-BY-107, 241-SX-112, 241-TX-110, 241-BX-109, 241-B-107, 241-BX-108, 241-BX-105
- Visual inspections for extent of condition, as a result of Tank 241-SX-112 findings in February 2020: 241-SX-112, 241-SX-109, 241-SX-108, 241-SX-111, 241-SX-110, 241-SX-106
- Completed work package planning for visual inspection of five miscellaneous underground storage tanks.
- Completed Tanks 241-SX-112 Leica laser scan.

Significant Planned Actions

- Perform TFC-ENG-CHEM-P-57, *Intrusion Notification and Tank Leak Assessment Process*, on Tanks 241-TX-113 and 241-B-109 (in progress).
- Perform Tank 241-B-109 visual inspection.
- Perform Tank 241-SX-111 Leica laser scan.
- Perform Tank 241-SX-109 Leica laser scan.

Issues

- Tank 241-SX-112 was visually inspected in late February and there were three spots of spalled concrete in the dome. Further investigation is ongoing and a path forward is being developed. There is no evidence of structural issues; however, the dome loading is being limited to current levels until further analysis is complete. The full analysis may take several months to complete.
- Tank 241-SX-109 was inspected visually in late July. Spalled concrete was identified in the northeast portion of the tank dome next to a rectangular construction manhole. Additional small/shallow spalling locations, similar to those in Tank 241-SX-112, were noted on the tank dome. Concrete has been noted on the waste surface, and, comparing to past visual inspections, suggests that the spalling occurred post-1996.

Issues contined

- Tank 241-SX-108 was inspected visually in early August. Minor spalled concrete was identified on the tank dome.
- Tank 241-SX-111 was inspected visually in mid-August. Spalled/cracked concrete was identified in various locations on the tank dome. Concrete has been noted on the waste surface, and, when comparing to past visual inspections, suggests that the spalling occurred post-1987.

Significant Planned Actions

- Tank 241-AN-106 core sampling is planned for September through October 2020.
- Tank 241-AN-106 liquid grab sampling is planned for October 2020.
- Tank 241-AP-107 pre-qualification testing grab sampling is planned for November 2020.
- Tank 241-AP-107 large-volume grab sampling is planned for December 2020.
- Tank 241-AX-102 post-retrieval solids grab sampling is planned for September 2020 (delayed for the 222-S Laboratory outage).
- Catch Tank C-301 grab sampling is planned for January 2021.

Significant Past Accomplishments

- Completed in August: 241-AN-101, 241-BX-106, 241-BX-111, 241-U-105, 241-U-112.

Significant Planned Actions

- To be completed in September 2020: 241-A-101, 241-BY-105, 241-T-109, 241-TX-111, 241-U-111.

Significant Past Accomplishments

- Submitted revisions and comment responses to Ecology for RPP-RPT-59389, *Tier 2 Resource Conservation and Recovery Act (RCRA) Closure Action Plan for Waste Management Area C*; RPP-RPT-59390, *Tier 3 Resource Conservation and Recovery Act (RCRA) Component Closure Activity Plan for 241-C-200 Series Tanks*; and RPP-RPT-58858, *Tier 1 Closure Plan Single-Shell Tank System*.
- Continued permitting workshops with Ecology for the SST closure plans in the Hanford Sitewide permit. The workshops are currently being conducted as teleconferences.
- Analysis of the Tank 241-C-106 in-tank videos have yielded the Camera/Computer Aided Design Modeling System volume estimate of 285.98 cubic feet, actual volume(calculation) 316.66 cubic feet, and 95 percent upper confidence level 334.92 cubic feet.
- Mobilized subcontract labor and equipment to start field activities on the TX Evapotranspiration Basin.

Significant Past Accomplishments continued

- A cultural resource review was prepared and submitted for Washington State Historic Preservation Officer and tribal review in support of the barriers at the TX Barrier Special Emphasis Area and *National Environmental Policy Act*. Based on the review determination, there are no cultural resource concerns related to the construction of the Evapotranspiration barrier.
- Completed clearing and grubbing, as well as pot holing, and started mass excavation on the TX Evapotranspiration Basin.
- Held M-045-56 Milestone pre-meeting with Ecology, DOE, and Washington River Protection Solutions LLC staff on June 16, 2020.
- Conducted the M-045-56 Milestone annual meeting on July 9, 2020.
- Submitted RPP-RPT-61684, *Maintenance and Performance Monitoring Plan for the Interim Barriers Program*, Rev. 1, to Ecology via letter 20-TF-0069 on July 23, 2020. Ecology has extended its review of the document until September 18, 2020 (20-NWP-137). Report RPP-RPT-61684, Rev. 00B, was delivered to Ecology on October 10, 2019, to complete M-045-92AC Milestone

Significant Planned Actions

- Resolve Ecology's comments on RPP-RPT-59389, RPP-RPT-59390, and RPP-RPT-58858.
- Submit the yearly report summarizing the results of maintenance and performance monitoring activities to meet M-045-92AD Milestone.
- Complete the Storm Water Drain System for the TX Evapotranspiration Basin.
- Hold the WMAs A/AX boundary meeting, which is scheduled for September 1, 2020, for the purpose of reaching agreement

Issues

- Issues available in the report



THE HANFORD SITE

Office of River Protection Consent Decree Monthly Report

Monthly Reporting Period
August 1 – 31, 2020

Significant Accomplishments during the Prior Month

- Completed Tank AX-104 D Pit extended reach sluicer system installation.
- Completed large hose-in-hose transfer line (HIHTL) hose barn and shield plate removal between AX Tank Farm and AP Tank Farm
- Completed A Tank Farm exhaust ventilation system and turnover to the Operations organization.

Ongoing Activities

- Continue Tank AX-102 practicability evaluation preparation.
- Continue procurement of the residual volume measurement system.
- Continue Tank AX-104 mechanical and electrical system installation.
- Continue Tank AX-103 on-dome electrical system installation.
- Continue Tank AX-103 HIHTL system installation.
- Continue Tank AX-101 and A-101 equipment removal activities.

Significant Planned Activities in the Next Month

- Complete removal of AY Tank Farm to AP Tank Farm HIHTL (six sections) in support of future A Tank Farm HIHTL installation
- Complete AX-104 C and D Pit integrated system leak testing
- Complete Tank AX-101 B Pit saltwell screen removal
- Complete Tank A-101 standard hydrogen monitoring system removal

Issues

- Issues available in the report

ORP/Ecology TPA and CD Agreements, Issues, and Action Items –October 2020 Meeting

Agreements:

1. Per an Ecology standing request (4/21/2016), ORP agrees to include any written directives given by DOE to the contractors for work required by the CD in future quarterly CD Reports (see CD Section IV-C-1-e).
2. The ORP and Ecology PMs have developed, signed, and entered an outline for the CD Tank Completion Certification into the TPA Administrative Record. A briefing to senior management will occur if any follow-on actions arise.
3. Ecology and ORP have agreed to move the TPA/CD PMM meeting to the second Thursday of the month starting in December 2019. The TPA and CD monthly reports distribution will occur by the end of each month via link to the Admin Record. Ecology requested at the December 2019 meeting that this form be included with the email that includes the links to the monthly reports. This will be the format for report distribution and monthly meetings going forward for calendar year 2020.

Issues:

1. Appendix H step 2b, has not been completed. USDOE have submitted Single-Shell Tank (SST) WMA (Waste Management Area)-C Closure Plans without any indication of the role and participation for Nuclear Regulatory Commission (NRC), or a plan for completing this step.
2. Appendix I – USDOE has presented an inaccurate process for closure of the Tank Farms, and of WMA-C. Appendix I has defined the expectations of the Tri-Parties, and a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) decision has not been an assumption from any of the Tri-Parties.
 - a. Appendix I, Section 3.1 states: “Ecology¹ is the lead regulatory agency responsible for the closure of the SST system. EPA² is the support regulatory agency providing oversight of the state’s authorized program.”; “The Parties’ expect that this Agreement Appendix I will incorporate Agreement Section 5.5 processes to provide a mechanism for avoiding duplicative regulation between Ecology and the EPA through the lead agency concept.”; “EPA will evaluate the need to provide additional comments based on its review of proposed modifications to WMA closure action plans, and issue additional comments to Ecology as necessary.”
 - b. Appendix I, Section 3.2 states: “A consistent groundwater monitoring, protection, and risk assessment methodology will also be realized through close integration of activities, as described in the Hanford Site Groundwater Strategy (DOE/RL-2002-59). Consistent application of the requirements of this Appendix I will serve to aid the Parties in ensuring cost effective and consistent cleanup on the Central Plateau.”
 - c. Section 5.5 of the TPA (Action Plan):”The information necessary for performing RCRA³ closures/post-closures within an operable unit will be provided in various RFI⁴/CMS⁵ documents. The initial work plan will contain a Sampling and Analysis Plan (SAP) for the

¹ Washington State Department of Ecology

² Environmental Protection Agency

³ Resource Conservation & Recovery Act

⁴ RCRA Facility Investigation

⁵ Corrective Measure Study

ORP/Ecology TPA and CD Agreements, Issues, and Action Items –October 2020 Meeting

associated RCRA units and it will outline the manner in which RCRA closure/post-closure plan requirements will be met in the work plan and subsequent documents. The selected closure/post-closure method and associated design details will (unless otherwise agreed to by the parties) be submitted as part of the CMS report at a later date, as specified in the work plan.” “In any case, the parties agree that CERCLA remedial actions and, as appropriate, HSWA⁶ corrective measures will comply with ARARs⁷.”

- d. Section 5.6: “The EPA and Ecology have selected a lead regulatory agency approach to minimize duplication of effort and maximize productivity. Either the EPA or Ecology will be the lead regulatory agency for each operable unit, TSD⁸ group/unit or milestone. The lead regulatory agency for a specific operable unit, TSD group/unit or milestone will be responsible for overseeing the activities covered by this action plan that relate to the successful completion of that milestone or activities at that operable unit or TSD group/unit, ensuring that all applicable requirements are met.”

⁶ 1984 Hazardous and Solid Waste Amendments

⁷ Applicable or Relevant and Appropriate Requirements

⁸ Treatment, Storage, and/or Disposal

ORP/Ecology TPA and CD Agreements, Issues, and Action Items –October 2020 Meeting

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
1	TF-20-01-01 9 Jan 2020	Provide a status update at next month's PMM on milestone M-062-50 "Submit to Ecology as a Secondary Document, a Mass Balance Flow Sheet"	Listed in LAWPS section of TPA report. Recommend closing	Brian Harkins	Close 9/10/2020
2	TF-20-01-03 9 Jan 2020	Ecology to be included in discussions on how ORP is dealing with the issue of ETF not being able to handle the amount of Iodine that would be produced from DFLAW operations, and ORP's options therein. Ecology understands it is early in the process however. Their POCs for this issue are Dan McDonald and Katie Hall	On January 21, 2020, there was a briefing to Ecology/Oregon on the path forward for Iodine 129 by the Fix It Now Team. ORP recommends closing this action.(31 Jan 2020)	Richard Valle	Open
3	TF-20-02-01 13 Feb 2020	ORP to schedule a walkdown on TSCR	ECY POC is Dan McDonald	Janet Diediker	Close 9/10/2020
4	TF-20-02-02 13 Feb 2020	ORP to send Ecology the AP-106 Repurposing Report to ECY		Brian Harkins	Open
5	TF-20-03-01 13 Mar 2020	Provide Ecology notice when the DST permitting plan effort begins	DOE to see if there a DST permitting plan.	Brian Harkins	Close 9/10/2020
6	TF-20-07-01 09 July 2020	ORP to provide 90% Evaporator Design to Ecology	Need clarification if this is a request related to a RCRA permit modification and if so which modification.	Brian Harkins	Close 9/10/2020
7	TF-20-08-01 08 Aug 2020	ORP to determine what tanks has WRPS notified Ecology	Recommend closure based on e-mail from Brian Harkins to Jeff Lyon on 8/21/20	Brian Harkins	Close 9/10/2020

ORP/Ecology TPA and CD Agreements, Issues, and Action Items –October 2020 Meeting

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
		about leak assessments on and also what tanks currently are undergoing leak assessments			

ORP/Ecology TPA and CD Agreements, Issues, and Action Items –October 2020 Meeting

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
1	WTP-20-08-01 08 Aug 2020	DOE to discuss storage of equipment for WTP at WTP		Wahed Abdul	Close 9/10/202 0

**Office of River Protection
Monthly Tri-Party Agreement Project Managers Meeting
October 8, 2020**

ATTENDEES

Wahed Abdul, ORP
Brian Harkins, ORP
Bryan Trimberger, ORP
Jeff Rambo, ORP
Erik Olds, ORP
Rana Evans, ORP
Mary Burandt, ORP
Kaylin Burnett, ORP
Briana Lindberg, ORP
Rod Lobos, ORP
Paul Hernandez, ORP
Jeff Rambo, ORP
Jason Young, ORP
Larry Romine, ORP
Craig Whiteley, ORP
Isabelle Wheeler, ORP

Roger Szelmeczka, WRPS
Eric Van Mason, WRPS
Holly Bowers, WRPS
Michael Turner, MSA
Stephanie Brasher, MSA
Amena Mayenna, Ecology
John Temple, Ecology
Steve Lowe, Ecology
Mandy Jones, Ecology
Jay Decker, Ecology
Jeff Lyon, Ecology
Andrew Pomiak, Ecology
Jim Alzheimer, Ecology
Kyle Rucker, Ecology
John Temple, Ecology
Shelly Cimon, State of Oregon