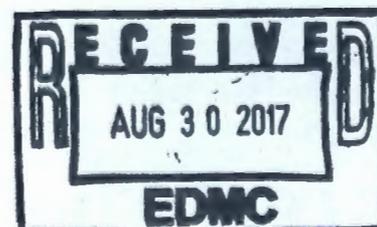


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Office of River Protection
Project Managers' Meeting Minutes

2440 Stevens Center
Richland, Washington

July 20, 2017



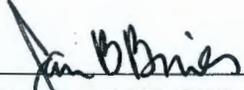
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CONCURRENCE SIGNATURES

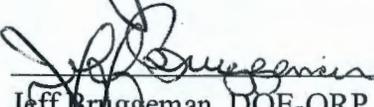
The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers' Meeting.



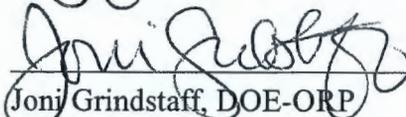
Wahed Abdul, DOE-ORP
Date: 8/16/17



Jan Bowler, DOE-ORP
Date: 8/10/2017



Jeff Ruggeman, DOE-ORP
Date: 8/16/17



Joni Grindstaff, DOE-ORP
Date: 8/23/17



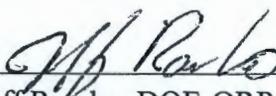
Paul Hernandez, DOE-ORP
Date: 8/10/17



Jeremy Johnson, DOE-ORP
Date: 8/10/17



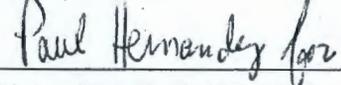
Steve Pfaff, DOE-ORP (J. Diediker, for)
Date: 8/10/2017



Jeff Rambo, DOE-ORP
Date: 8/10/2017



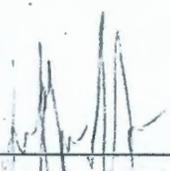
Dustin Stewart, DOE-ORP
Date: 8/10/17



Richard Valle, DOE-ORP
Date: 8/10/17

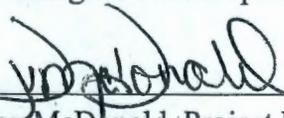


Jason Young, DOE-ORP
Date: 8/16/2017



Jeff Lyon, Project Manager,
Washington State Department of Ecology

Date: 8-24-17



Dan McDonald, Project Manager,
Washington State Department of Ecology

Date: 8-24-17



Stephanie Schleif, Project Manager,
Washington State Department of Ecology (A. Pomiak, for)

Date: 8/28/17

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TRI-PARTY AGREEMENT MILESTONE REVIEW AND MONTHLY SUMMARY REPORT

1.0 ADMINISTRATIVE ITEMS/MILESTONE STATUS

Upcoming Meetings

The next project managers meeting (PMM) is scheduled for Wednesday, September 20, 2017, from 1:00 p.m. to 3:30 p.m. at the ORP office in Richland, Washington. The ORP quarterly milestone review is scheduled for August 17, 2017, from 8:00 a.m. to 10:00 a.m. at the Ecology office in Richland, Washington.

Recent Items Entered/To Be Entered into the Administrative Record

U.S. Department of Energy (DOE), Office of River Protection (ORP) provided the monthly TPA and CD reports.

Tri-Party Agreement Milestone Status

ORP reported that a meeting was held July 11, 2017, completing milestone M-045-56M. ORP stated that the semi-annual project compliance report associated with M-062-01A1 is in ORP concurrence, and it should be transmitted to Ecology by the end of July 2017. ORP noted that there were no other changes to the milestone table.

Office of River Protection/Washington State Department of Ecology Tri-Party Agreement and Consent Decree Agreements, Issues and Action items – June 2017

The action items were discussed and updated as follows (see agreements, issues and action items table):

Action No. 1 (TF-16-09-01)

This action was closed last month on 6/14/17, and it will be removed from the table.

Action No. 2 (TF-16-11-01)

This action was closed last month on 6/14/17, and it will be removed from the table.

Action No. 3 (TF-16-11-04)

ORP stated that the T-112 work plan is still in legal review. This action remains on hold.

Action No. 4 (TF-16-11-05)

ORP stated that the results of the visual inspections on the four tanks at Effluent Treatment Facility are in the clearance process, and the results will be provided to Ecology at the completion of the clearance process. This action remains open.

Action No. 5 (TF-17-04-01)

ORP stated that the public comment period is under way regarding removal of the 242-A Evaporator diesel generator. The public comment period will go through September 1, 2017, and there will be a 30-day comment review process following the public comment period. This action remains open.

2.0 SYSTEM PLAN

ORP stated that the draft System Plan 8 document was circulated for review, and it is in comment resolution. Ecology noted that it reviewed the first draft, and it will provide comments on the final draft after ORP completes comment resolution and incorporation of comments. Ecology added that one of the outcomes of the final System Plan 8 may be the establishment of milestones.

3.0 ACQUISITION OF NEW FACILITIES

ORP stated that all of the milestones are in abeyance, and they are tied to the M-045-62 milestone negotiations.

4.0 SUPPLEMENTAL TREATMENT AND PART B PERMIT APPLICATIONS

ORP stated that there were no updates to provide while several of the milestones continue to be tied to the M-045-62 negotiations.

5.0 242-A EVAPORATOR STATUS

ORP reported that the EC-06 campaign was completed on July 13, 2017, and the preliminary results show a waste volume reduction of 212,000 gallons. The next campaign, EC-07, is planned for mid-September 2017. ORP noted that the EC-07 campaign will follow replacement of the AW-106 pump. Ecology asked if the 212,000 gallon waste volume reduction was estimated after flushing. ORP responded that the 212,000 gallons was estimated on July 16, 2017, following a flush of the whole system. Ecology noted that the new stack had been installed. ORP responded that the testing results from the industrial hygiene surveys indicated that the tent corridor that was run in the early stages of the EC-06 campaign could be eliminated.

Ecology referred to the project integration work schedule for EC-07, and noted the cumulative waste volume reduction is 320,000 gallons. ORP responded that the 320,000 gallons represents a performance-based incentive (PBI), which was set up for 160,000 gallons for each of the two campaigns. ORP noted there is a third PBI for this year of 160,000 gallons, equaling 480,000 gallons through EC-08. ORP added that if more than 160,000 gallons was achieved, such as the 212,000 gallons for EC-06, it could be credited towards the following campaign. ORP stated

that more than 160,000 gallons should be achieved for EC-07, with the potential to reach 284,000 gallons. ORP noted that the 212,000 and 284,000 gallon waste volume reduction for two campaigns would exceed the overall goal of 480,000 gallons for three campaigns.

Ecology inquired about the process for selecting the PBI numbers, and asked if it was connected to the System Plan. Ecology noted that the System Plan makes assumptions about what will be done in the system so that the goals can be accomplished, and the System Plan talks about the 242-A Evaporator campaigns. ORP responded that there would be alignment between the PBIs and the System Plan, but pointed out that the System Plan takes more than a year to produce, and the PBIs are done on a yearly basis.

Note: See discussion under the CD regarding the spare reboiler requirement status.

6.0 LIQUID EFFLUENT RETENTION FACILITY/200 AREA EFFLUENT TREATMENT FACILITY (LERF/ETF)

ORP noted that Basin 43 is empty, and the old basin cover was removed. The new Basin 43 cover has been installed, and the contractor for the basin cover is working on the tension towers to tighten the new cover. ORP reported that the welding was successfully completed to repair the thin film dryer vessel and the hopper knocker.

7.0 TANK SYSTEM UPDATE

Double-Shell Tank (DST) Integrity – ORP stated that the report was issued from the August 2016 DST Tank Integrity Expert Panel meeting, and Ecology received a copy of the report. ORP noted that this year's Tank Integrity Expert Panel was held June 22-23, 2017, and Ecology was present, along with other stakeholders, for the AY-102 and AZ-101 presentations. ORP added that the research being done on corrosion and the lab testing were also topics of discussion during the meetings.

ORP reported that ultrasonic testing (UT) is being set up for tanks SY-101 and SY-102, and they will be completed this fiscal year. ORP indicated that UT on tank SY-103 will be completed next fiscal year during the October/November 2017 time frame, and then the UT crew will move back to AZ-101 and AY-101.

DST Integrity Issues – Ecology referred to one of the crawlers that is still in AZ-101. ORP responded that the crawler was removed last week. ORP stated that it is believed the crawler motor stopped working due to heat. Ecology inquired about the UT inspection of AZ-101. ORP responded that when the UT inspections are completed in SY farm (SY-101, 102 and 103), the crew will move back to AZ-101 and AY-101, which would occur in fiscal year 2018.

Single-Shell Tanks (SST) Integrity – ORP stated that the in-tank video inspections for FY17 are under way. ORP noted that all of the inspections will not be completed this fiscal year, but the remaining inspections should be completed in the October/November 2017 time frame.

ORP reported that the repair on the T-111 exhauster was completed, and it has been operating this week.

Independent Qualified Registered Professional Engineer (IQRPE) Activities - Ecology referred to the integrity assessment plan for the 2018 SST IQRPE, and asked for an estimate on the time frame for the clearance process. ORP responded that the clearance process involves legal review, and a time frame could not be provided. ORP noted that Ecology has seen a copy of the integrity assessment plan, and there have been discussions with Ecology about the plan. ORP added that the integrity assessment plan primarily covers the 100 and 200 series tanks, and is a structural integrity assessment and not meant to address leak integrity.

8.0 SINGLE-SHELL TANK INTEGRITY ASSURANCE

ORP noted that the SST IQRPE was discussed under the IQRPE section.

9.0 IN-TANK CHARACTERIZATION SUMMARY

ORP noted all the reports that were available during June 2017. Ecology asked if the items listed as completed are released for public review. ORP responded that the completed reports are available for public review and can be accessed through the Integrated Document Management System (IDMS).

ORP noted that the AP-107 grab sample planned this month is a preliminary sample being done in support of the tank farm upgrades for the Direct Feed Low Activity Waste (DFLAW) facility.

Data Quality Objective (DQO) Updates - Ecology asked if the DQO was done for the C-105 grab sample. ORP responded that the DQO was done in support of the C-105 retrieval, and a DQO is done prior to retrieval or during retrieval of each tank.

10.0 SINGLE-SHELL TANK CLOSURE PROGRAM

ORP stated that currently the milestones are on schedule. ORP noted that the meeting associated with M-045-56M was held on July 11, 2017, and the locations for barriers 3 and 4 were discussed (M-045-92S). **ORP took an action to schedule additional meetings to finalize the locations for barriers 3 and 4 before the September 30, 2017 deadline.** Ecology stated that an internal meeting was held regarding barriers 3 and 4, and in general there was agreement with what ORP discussed during the July 11 meeting. Ecology added that a list of future barriers was created, and the primary driver was the technetium-99 in the tank, with slight exceptions.

ORP provided an update regarding M-045-92N to complete construction of barriers 1 and 2 in SX Farm by October 31, 2018. ORP sent a not-to-exceed notice to WRPS to redesign the SX barrier, which will be done over the next six months. Ecology asked if procurement activities for the barrier 1 and 2 materials have been initiated. ORP indicated that procurement has not been initiated. Ecology asked if the procurement for materials will be funded by the 2018 budget. ORP responded that it would follow up with Ecology's inquiry about funding for the barrier 1 and 2 materials. Ecology asked if the construction for barriers 1 and 2 will be done in one year. ORP responded that there had been a previous discussion with Ecology that the expansion of the SX barrier would push construction out six to 12 months. Ecology stated that it was in the process of agreeing to the expansion plan for the SX barrier, and the next logical step would be to inform ORP on the agreement during the next meeting. **ORP stated that it would take an**

action to draft a milestone change, with Ecology agreeing that the SX barrier expansion provides good cause for a milestone change.

Significant Past Accomplishments – ORP noted that Ecology’s comments were received this week regarding the WMA-C Performance Assessment (PA) and several other supporting documents. WRPS has started reviewing the documents and addressing the PA comments. Ecology inquired about WRPS’s plan for comment resolution on the PA, and asked if it will be done by the end of this fiscal year. ORP responded that WRPS had scheduled three months for comment resolution, and it could possibly be completed by the end of FY 2017. ORP stated that it would follow up with WRPS about when it plans to complete its PA comment resolution.

Ecology referred to the 435.1 portion of the PA, and inquired about the status of the Nuclear Regulatory Commission (NRC) review. ORP responded that the letter transmitting the 435.1 PA was sent to DOE-Headquarters yesterday, and Headquarters will take at least 60 days, if not longer, to do its review. Following completion of Headquarters review and approval, the PA will be sent to the NRC for review. ORP noted that it holds monthly meetings with the NRC, and the NRC is aware of the time frames for the various reviews of the PA and is planning accordingly.

ORP asked if Ecology had the action to schedule a meeting to discuss the contents of each of the Tier 1, 2 and 3 closure plans. Ecology responded by suggesting that discussion of the three closure plans should include how to proceed with permitting. ORP agreed that discussion of the three closure plans could be tied with Rev. 9 permit discussions.

11.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

ORP stated that the C-111 retrieval data report (RDR) is in review, and it will be sent to Ecology by the end of September 2017.

12.0 TANK WASTE RETRIEVAL WORK PLANS STATUS

ORP reported that two of the four AX Farm tank waste retrieval work plans (TWRWPs) are in review, and all four of the AX TWRWPs (AX-101, 102, 103 & 104) should be transmitted to Ecology for review by the end of August 2017.

13.0 TANK OPERATIONS CONTRACT OVERVIEW

ORP stated that the unfavorable schedule variance in base operations was mainly due to the delay with the AW-106 pump replacement. ORP noted that AW Farm was part of the exclusion zone following the PUREX tunnel incident, and there were several weeks when work could not be done. Ecology asked if work has resumed on the AW-106 pump. ORP responded that the pump was removed, which was a significant effort. There was some holdup of waste in the pump column, and an innovative piece of equipment was designed that had a hydraulic punch that went inside the pit. When the pump was being pulled out, holes were punched in the pump column by the piece of equipment. The waste drained out into the pit, and the waste had to be cleaned out before the new pump was installed and the jumpers were connected. The cover blocks were put in place, allowing the EC-06 evaporator campaign to run. Following completion of the EC-06 campaign, the cover blocks were pulled, and preparations are under way to remove

and replace the slurry distributor and associated jumper. An inspection of the pit will be done before running the next evaporator campaign.

Ecology referred to the unfavorable cost variance associated with the vapor detection technologies pilot scale test, and asked if Ecology could follow up with an ORP point of contact. ORP responded that Ecology could follow up, and if there was a legal issue, the POC would inform Ecology. ORP noted that the vapor detection pilot scale is being done for AP Farm and the A complex.

ORP noted that Retrieve and Close SSTs was discussed under the CD portion of today's contract overview.

ORP suggested that Ecology review the information for Waste Feed Delivery and then follow up with any questions.

ORP stated that there were a significant amount of comments resulting from the 60 percent design review associated with the Low Activity Waste Pretreatment System (LAWPS), which contributed to the unfavorable cost variance. ORP noted that it is not considered a significant cost variance and there is still a good performance throughout the year, with the exception of the additional resources related to some of the design changes there were initiated and completed earlier in fiscal year 2017.

Ecology asked if the comments from the 60 percent design review were all generated internally within ORP. ORP responded that the comments from the 60 percent review included input from the DOE-Headquarters environmental assessment and nuclear safety organizations, independent consultants from Headquarters, the Defense Nuclear Facilities Safety Board, Ecology and Department of Health members, and the ORP and WRPS Integrated Project Teams (IPT). ORP added that the same members were involved with the 30 percent design review, and they will also be involved with the 90 percent design review. ORP stated that the comments have been effective, and the design review process that has been enforced has kept everyone fairly well informed on the design progression for LAWPS.

CONSENT DECREE MONTHLY SUMMARY REPORT REVIEW

1.0 CONSENT DECREE MILESTONE STATISTICS/STATUS - CONSENT DECREE REPORTS/REVIEWS

The reports, agreements, issues, and actions were discussed and updated as follows:

Action No. 1 (WTP-15-01-01)

ORP stated that Bechtel is working on the flow sheet evaluation, and there are continued discussions between ORP and Bechtel regarding the standardized high solids vessel design (SHSVD). ORP stated that the SHSVD optimization conceptual design study for the Pretreatment (PT) facility is expected to be delivered by Bechtel in September 2017. ORP indicated that a meeting with Ecology to discuss the SHSVD could be set up after the conceptual design study is received.

Action No. 2 (WTP-17-02-01)

This action was closed on 6/14/17, and it will be removed from the table.

Action No. 3 (WTP-17-05-01)

Oregon Department of Energy (ODOE) stated that when this action was initiated by Ecology, there was a question about whether a project manager meeting (PMM) would be reinstated during the month that the quarterly milestone meeting was scheduled. ORP stated that the TPA does not call out a quarterly milestone meeting, but there is a monthly Inter-Agency Management Integration Team (IAMIT) meeting. ORP noted that the original intent of the quarterly milestone meeting was to hold a higher level meeting with senior management, but still meet the requirements of a PMM. ORP stated that the quarterly meeting has reverted to a PMM format, with more detailed discussions and project managers providing the status of individual facilities. ODOE noted that the time frame for the quarterly meeting had made it more difficult to get all the information and/or address issues.

MSA stated that an email was sent to all the parties that the quarterly meeting will be starting half an hour earlier, and the new start time is 8:00 a.m. ODOE acknowledged receipt of the email regarding the new start time for the quarterly meeting. ORP stated that the quarterly meeting will be in the same format as a PMM, unless Ecology senior management requests a higher level presentation. This action remains open.

2.0 SPARE REBOILER REQUIREMENT STATUS

ORP stated that when the finite element analysis is completed, the design for the spare reboiler will be finalized. ORP stated that the fabrication of the spare reboiler is on schedule. The delivery of the spare reboiler is currently estimated for January 2018, which is 11 months ahead of the December 2018 milestone delivery date.

3.0 SINGLE-SHELL TANK RETRIEVAL

Significant Accomplishments for the Prior Three Months - ORP noted that Building 801A demolition was completed, which was a highly contaminated facility that controlled the airlift circulators in A/AX Farms. ORP stated that there is still contamination and lead shot on the building foundation, and a concrete cap will be poured over the foundation. The concrete cap will allow the hose-in-hose transfer lines to be routed over the foundation for A/AX retrievals. ORP noted that two hot water skids and one cold water skid was installed in the 285A water and chemical service building, and the skids will be used for A/AX Farm retrievals and possible use in the DSTs and for waste feed deliveries.

Significant Planned Activities in the Next Three Months – ORP stated that the two portable exhausters that will be received for A Farm will remain at the fabricator until the stack modeling study results are completed. The stack modeling will determine the best placement for the exhausters to minimize vapor impacts. ORP noted that a concern was raised by the employees about the original placement of the A Farm exhauster stacks, and WRPS retained the services of a professional stack modeling company, which has been running various scenarios and measuring the impacts of the stack discharges. The modeling showed there would be a vapor impact zone from the original stack location in the southeast corner of the 242-A Evaporator parking lot. ORP stated that the modeling results are expected by the end of August or the first part of September 2017. When the modeling results are finalized and engineering has completed its design effort, construction will be initiated for the foundation of the exhaust stacks. ORP noted that engineering design is working concurrently with the modeling effort. ORP estimated the exhaust stacks could be in place by late fall or early winter 2017.

Ecology asked if the modeling effort has been completed on the AX exhausters. ORP responded that the AX exhausters were installed prior to any modeling effort. ORP stated that the concern was raised after the AX exhausters were already in place, and they were undergoing readiness activities when the concern was raised about the placement of the A Farm exhausters after the 242-A Evaporator stack extension. Ecology asked if the 242-A Evaporator stack is the main issue. ORP responded that the 242-A Evaporator stack wasn't an issue, but the concern was due to additional sources nearby. Ecology inquired about the purpose of the modeling. ORP explained that the purpose of the modeling is to determine the best location for the A Farm stack exhaust that will minimize the effect on personnel and facilities. Ecology asked if the modeling effort would include the A Farm exhausters in the profile. ORP responded that it would include A Farm and probably the AX exhausters, the 242-A exhausters, and probably some of the DST exhausters in the area.

ORP reported that the C-105 third retrieval technology operations may start as soon as August 3, 2017.

ORP stated that three major issues are being addressed by startup and commissioning: 1) replacing a sump pump in portable exhauster 107 (POR107); 2) repairing a hydraulic leak on one of the HPUs; 3) getting the high pressure water system to work properly.

ORP stated that the POR126 and POR127 readiness activities in AX Farm are under way, and the issue with the demisters loading up has not been resolved. There is discussion about

installing a camera in front of the demisters. ORP noted that the demisters run enough to allow equipment removals, but the crew has to stop frequently to perform a flush on the demisters.

Ecology noted that information regarding the hose-in-hose transfer lines is in the Consent Decree monthly summary report, and since it was not part of the litigation, the information should be in the TPA monthly summary report. ORP acknowledged Ecology's comment, and stated that the hose-in-hose transfer line activity is related to general cleanup of C Farm.

Issues – ORP stated that there are ongoing mediation activities regarding the vapor issue, and a mediation occurred last week, with another one possibly being scheduled.

4.0 TANK WASTE RETRIEVAL WORK PLAN STATUS

ORP stated that the four AX TWRWPs (AX-101, 102, 103 & 104) should be transmitted to Ecology for review by the end of August 2017.

SINGLE-SHELL TANK RETRIEVAL MONTHLY FISCAL YEAR EARNED VALUE MANAGEMENT SYSTEM (EVMS) DATA

ORP stated that the favorable schedule variance and unfavorable cost variance for Retrieve and Close SSTs was due to completing more work than planned and spending more money to complete the work.

5.0 WASTE TREATMENT AND IMMOBILIZATION PLANT PROJECT

ORP provided a brief overview of the status of the WTP project. ORP noted that the favorable schedule variance of approximately \$25 million for the May 2017 reporting period translates to more work scope being performed during the month than planned. ORP stated that the \$2.2 million unfavorable cost variance was due in part to the continuing effort to update the LAW facility's Preliminary Documented Safety Analysis (PDSA) and the need to spend more time working on the specific hazards analyses areas than had been planned.

6.0 PRETREATMENT FACILITY

ORP stated that the mixing testing associated with technical issue T4 started in June 2017, and it is projected to be completed in September 2017. ORP reported that the results have been positive, and the results compared to the design aspect shows much less time needed to mix. ORP stated that efforts continue progressing with standard high solids vessel design optimization (T6), and the erosion/corrosion (T5) effort is expected to be completed by February 2018. Ecology asked if the sliding bed erosion report has been issued. ORP responded that a revised version of the sliding bed report was issued, and the ORP technical team reviewed and accepted the report. Ecology requested a copy of the report. ***ORP took an action to provide Ecology a copy of the sliding bed report.***

7.0 HIGH-LEVEL WASTE FACILITY

ORP reported that the key work in HLW continues to be in support of the D2 full production authorization, which is progressing. ORP stated that its team is performing different assessments

and reviews on Bechtel's completion or improvements towards the D2 authorization, and ORP expects to be completed with its assessment by the end of August 2017. ORP noted that the assessments have been positive.

Bechtel issued its final report on the Design and Operability (D&O) issue resolutions, which ORP has reviewed. ORP noted that it was involved with Bechtel throughout development of the D&O issue resolution process. ***ORP stated that it will provide Ecology a copy of the D&O report.***

ORP reported that the PDSA review is progressing, and Bechtel is in the process of incorporating ORP's final comments into the PDSA. Bechtel is to provide its resolutions on the PDSA by the end of this month (July), and issue resolution between ORP and Bechtel will occur during August 2017. ORP noted that the target date for approval of the PDSA is the end of September 2017, and it is a major component of the D2 authorization.

ORP stated that HLW and PT are conducting FY18-19 work planning.

8.0 LOW-ACTIVITY WASTE FACILITY

ORP noted that its approval letter was issued to Bechtel that the milestone for melter No. 1 was completed on May 9, 2017. ORP stated that melter No. 1 has been moved into its permanent position, and the final connections will be completed. The melter had been sitting slightly out from its final position so work could be done on the melter.

ORP reported that the cooling jackets have been installed on the melter feed process vessels 1 and 2, and the permanent sheet metal strap bands that go around the cooling jackets remain to be installed on the two vessels.

ORP stated that the remaining activity for completing melter No. 2 is to repair the refractory that was damaged in the pour spout area. The brick and castable refractory have been ordered, and the brick refractory will probably arrive first and be replaced. ORP stated that the refractory was damaged when the heater was being lifted from the pour cave. ORP noted that restrictions have been placed on lifting loads around the melters to ensure there is no more damage until the final inspection is done.

ORP noted that the process hazard analysis events analysis (PrHA) in support of the PDSA development is taking a lot of resources and time, but progress is being made. ORP is monitoring the process very closely, and the effort will continue through the next two months to complete the controls selection process.

Ecology inquired about the 90 percent review of the offgas treatment system. ORP responded that the engineers review the 90 percent documentation to ensure that it's complete, and then a report is issued based on the reviews. ***ORP stated that it will invite Ecology to the next scheduled 90 percent review for the offgas treatment system.***

9.0 BALANCE OF FACILITIES

ORP noted that Ecology granted the temporary authorization (TA), which ends September 4, 2017, for the placement of the Effluent Management Facility (EMF) topping slabs. Bechtel will be requesting a 180-day extension to the TA for the secondary containment.

ORP reported that the final three ring beams are to be received today. The initial recovery schedule had receipt of the ring beams at the end of August 2017, which brings the schedule in by about six weeks.

ORP stated that substantial progress has been made regarding balancing of the cathodic protection system, and it is at about 80 percent complete.

Ecology asked if the EMF is included in BOF construction at 92 percent complete. Following a brief discussion and a review of the WTP percent complete status table on page 32 of the CD monthly summary, ORP noted that DFLAW is at 17 percent and EMF may be included under DFLAW. ORP stated that it will follow up and provide clarification in next month's summary report.

10.0 ANALYTICAL LABORATORY

ORP stated that there was very little change to report for the LAB. ORP noted that work is continuing on the ventilation system.

ORP/Ecology TPA and CD Agreements, Issues, and Action Items –July 2017

#	Action ID	Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
1	TF-16-09-01	9-20-16	Ecology request a list of all the IQRPE reports that have been generated and/or are in the operating record since 2010	The list is still in development. Hope to have finalized by next meeting. (4/20/2017).	Dusty Stewart	Closed 06/14/17
2	TF-16-11-01	11-17-16	ORP to provide Ecology the waste designation work sheets for the AZ-301 sample collected in the July/August 2016 time frame.	ECY requests a tour of tanker loadout facility at AZ-301 (Conducted 4-18-17) ECY would like to know how spill (from Nov) was resolved. ORP is reviewing information prior to release to Ecology.(4/20/2017)	Richard Valle/Dusty Stewart	Closed 06/14/17
3	TF-16-11-04	11-17-16	ORP to provide Ecology the T-112 work plan	In legal review. (4/20/2017)	Dusty Stewart	On Hold
4	TF-16-11-05	11-17-16	ORP to provide Ecology results of the four tanks that were visually inspected at ETF	In clearance process (07/13/2017)	Richard Valle	Open
5	TF-17-04-01	4-20-17	ORP to provide Ecology with schedule updates on the removal of the 242-A Evaporator diesel generator.	Pending permit mod.	Paul Hernandez	Open

#	Action ID	Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
1	WTP-15-01-01	1/22/15	Ecology requests a presentation on standardized high-solids vessel design (SHSVD) to include impacts and optimization in planning area 2, 3, and 4	Impacts will be better understood once the design studies are issued. Expected in July timeframe (3/15/2017)	Wahed Abdul	Open

ORP/Ecology TPA and CD Agreements, Issues, and Action Items –July 2017

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. Senior management will continue to be briefed if any follow-on actions arise.

Issues:

1. Ecology disagrees with ORP's letter 15-WSC-0027 and the System Plan.
2. Will a pre-project manager meeting be re-established to occur before the quarterly meeting? (5/18/2017)

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#	Action ID	Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
2	WTP-17-02-01	02/16/17	ORP to respond to ECY on why WTP Certification Plan is not being done on an annual basis.	Plan has been updated.	Joni Grindstaff	Closed 06/14/17
3	WTP-17-05-01	05/18/17	Quarterly Report Issues: Ecology noted that there is significantly more information in the CD Quarterly Report than in the monthly. There are noted delays. Eight items were identified with no recovery plans discussed. Delays to contract dates do not indicate a delay to CD dates.	Ecology is asking for forum to discuss these issues. Looking ahead: Will be quarterly report be the topic of discussion at the quarterly meetings?(5/18/2017)	Wahed Abdul	Open