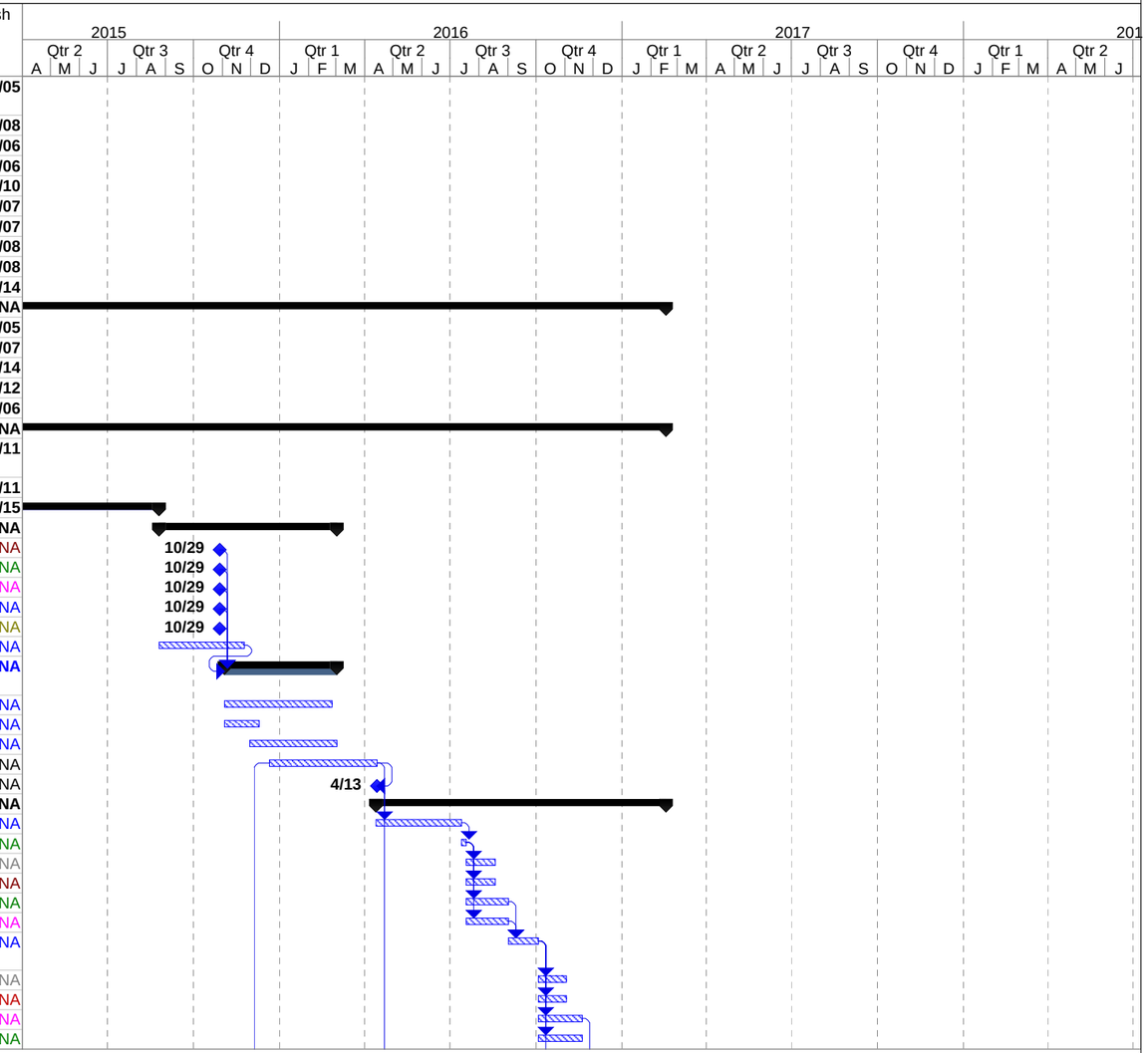
HANDOUT 14A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 28)
OCTOBER 28, 2015 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish
1	**IM Installation (Note that IM3 is currently in operation and will remain in operation until directed otherwise by agencies)**	**512 days**	**Thu 1/22/04**	**Tue 12/20/05**	**Thu 1/22/04**	**Tue 12/20/05**
32	**IM3 Cultural Resources Management Plan (IM3 CRMP)**	**986 days**	**Thu 7/1/04**	**Mon 3/10/08**	**Thu 7/1/04**	**Mon 3/10/08**
37	**Extraction Well PE-1/Facilities**	**230 days**	**Mon 3/21/05**	**Fri 1/27/06**	**Mon 3/21/05**	**Fri 1/27/06**
47	**Supplemental Extraction Well and Facilities**	**127 days**	**Fri 7/29/05**	**Thu 1/19/06**	**Fri 7/29/05**	**Thu 1/19/06**
55	**Decommissioning of IM2 Batch Treatment**	**1182 days**	**Fri 8/5/05**	**Fri 1/29/10**	**Fri 8/5/05**	**Fri 1/29/10**
66	**Interim Measures and Treated Water Management**	**751 days**	**Mon 5/3/04**	**Fri 2/16/07**	**Mon 5/3/04**	**Fri 2/16/07**
210	**Public Participation Plan**	**578 days**	**Mon 12/20/04**	**Fri 2/9/07**	**Mon 12/20/04**	**Fri 2/9/07**
219	**Baseline Resources Assessments**	**897 days**	**Mon 11/1/04**	**Mon 3/10/08**	**Mon 11/1/04**	**Mon 3/10/08**
233	**Sitewide CEQA Documentation**	**586 days**	**Wed 5/17/06**	**Fri 8/1/08**	**Wed 5/17/06**	**Fri 8/1/08**
237	**Programmatic Biological Assessment (PBA)**	**1920 days**	**Tue 12/19/06**	**Tue 4/15/14**	**Tue 12/19/06**	**Tue 4/15/14**
250	**REMEDIAL FACILITY INVESTIGATION/REMEDIAL INVESTIGATION (RFI/RI)**	**5502 days**	**Sat 2/24/96**	**Thu 2/16/17**	**Sat 2/24/96**	**NA**
251	**Historical RFI/RI Reports (Feb. 2005 and Prior Versions)**	**2455 days**	**Sat 2/24/96**	**Fri 7/8/05**	**Sat 2/24/96**	**Fri 7/8/05**
269	**Prepare Site History Report (Vol 1)**	**466 days**	**Tue 11/15/05**	**Wed 8/15/07**	**Tue 11/15/05**	**Wed 8/15/07**
284	**Prepare RFI/RI Vol 1 Addendum**	**1829 days**	**Wed 7/11/07**	**Tue 7/8/14**	**Wed 7/11/07**	**Tue 7/8/14**
306	**Prepare Final Groundwater RFI/RI (Vol 2)**	**1948 days**	**Mon 6/27/05**	**Fri 11/16/12**	**Mon 6/27/05**	**Fri 11/16/12**
616	**ADEQ Topock Groundwater Study**	**475 days**	**Thu 11/18/04**	**Wed 8/23/06**	**Thu 11/18/04**	**Wed 8/23/06**
620	**Prepare Final Soil RFI/RI (Vol 3)**	**2775 days**	**Sat 7/15/06**	**Thu 2/16/17**	**Sat 7/15/06**	**NA**
621	**Implementation of Off-site Soil Sampling (Part A Phase 1) and Data Gaps Evaluation**	**1215 days**	**Sat 7/15/06**	**Fri 2/25/11**	**Sat 7/15/06**	**Fri 2/25/11**
770	**Draft On-site Soil Sampling (Part B) DQOs**	**1122 days**	**Wed 12/6/06**	**Fri 3/11/11**	**Wed 12/6/06**	**Fri 3/11/11**
825	**Soil RFI/RI Work Plan**	**1211 days**	**Tue 1/4/11**	**Mon 8/24/15**	**Tue 1/4/11**	**Mon 8/24/15**
922	**Work Plan Implementation/Data Gaps Analysis**	**136 days**	**Tue 8/25/15**	**Tue 3/1/16**	**Tue 8/25/15**	**NA**
923	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Thu 10/29/15	Thu 10/29/15	NA	NA
924	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Thu 10/29/15	Thu 10/29/15	NA	NA
925	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Thu 10/29/15	Thu 10/29/15	NA	NA
926	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Thu 10/29/15	Thu 10/29/15	NA	NA
927	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Thu 10/29/15	Thu 10/29/15	NA	NA
928	Permitting/Access Agreements	65 days	Tue 8/25/15	Mon 11/23/15	Tue 8/25/15	NA
929	**Field Implementation (field duration is for planning purpose only and is subject to change)**	**86 days**	**Tue 11/3/15**	**Tue 3/1/16**	**NA**	**NA**
930	Surveys	83 days	Tue 11/3/15	Thu 2/25/16	NA	NA
931	Sample Location Access	27 days	Tue 11/3/15	Wed 12/9/15	NA	NA
932	Sample Collection	67 days	Mon 11/30/15	Tue 3/1/16	NA	NA
933	Data Gaps Analysis and Coordination	83 days	Mon 12/21/15	Wed 4/13/16	NA	NA
934	Final Determination that Additional Data Collection is Not Requried	0 days	Wed 4/13/16	Wed 4/13/16	NA	NA
935	**Reporting (RFI/RI Volume 3)**	**222 days**	**Wed 4/13/16**	**Thu 2/16/17**	**NA**	**NA**
936	Prepare Draft RFI/RI Vol 3 Report	3.1 mons	Wed 4/13/16	Wed 7/13/16	NA	NA
937	DTSC sends report to CWG/TWG and Tribes	3 days	Wed 7/13/16	Mon 7/18/16	NA	NA
938	CWG/TWG review/comment	31 edays	Mon 7/18/16	Thu 8/18/16	NA	NA
939	Tribes review/comment	31 edays	Mon 7/18/16	Thu 8/18/16	NA	NA
940	DTSC review/comment/provide direction to PG&E	45 edays	Mon 7/18/16	Thu 9/1/16	NA	NA
941	DOI review/comment/provide direction to PG&E	45 edays	Mon 7/18/16	Thu 9/1/16	NA	NA
942	Prepare RTCs (duration is estimated, to be verified after receipt of comments and direction)	32 edays	Thu 9/1/16	Mon 10/3/16	NA	NA
943	CWG/TWG review/comment	30 edays	Mon 10/3/16	Wed 11/2/16	NA	NA
944	Tribes review/comemnt	30 edays	Mon 10/3/16	Wed 11/2/16	NA	NA
945	DOI review/comment	47 edays	Mon 10/3/16	Sat 11/19/16	NA	NA
946	DTSC review/comment	47 edays	Mon 10/3/16	Sat 11/19/16	NA	NA



Project: PG&E Topock Remediation Project
Date: Fri 10/23/15

Tasks Not Started/In Progess
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Baseline Schedule
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Major Assumptions
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OCTOBER 28, 2015 CWG MEETING

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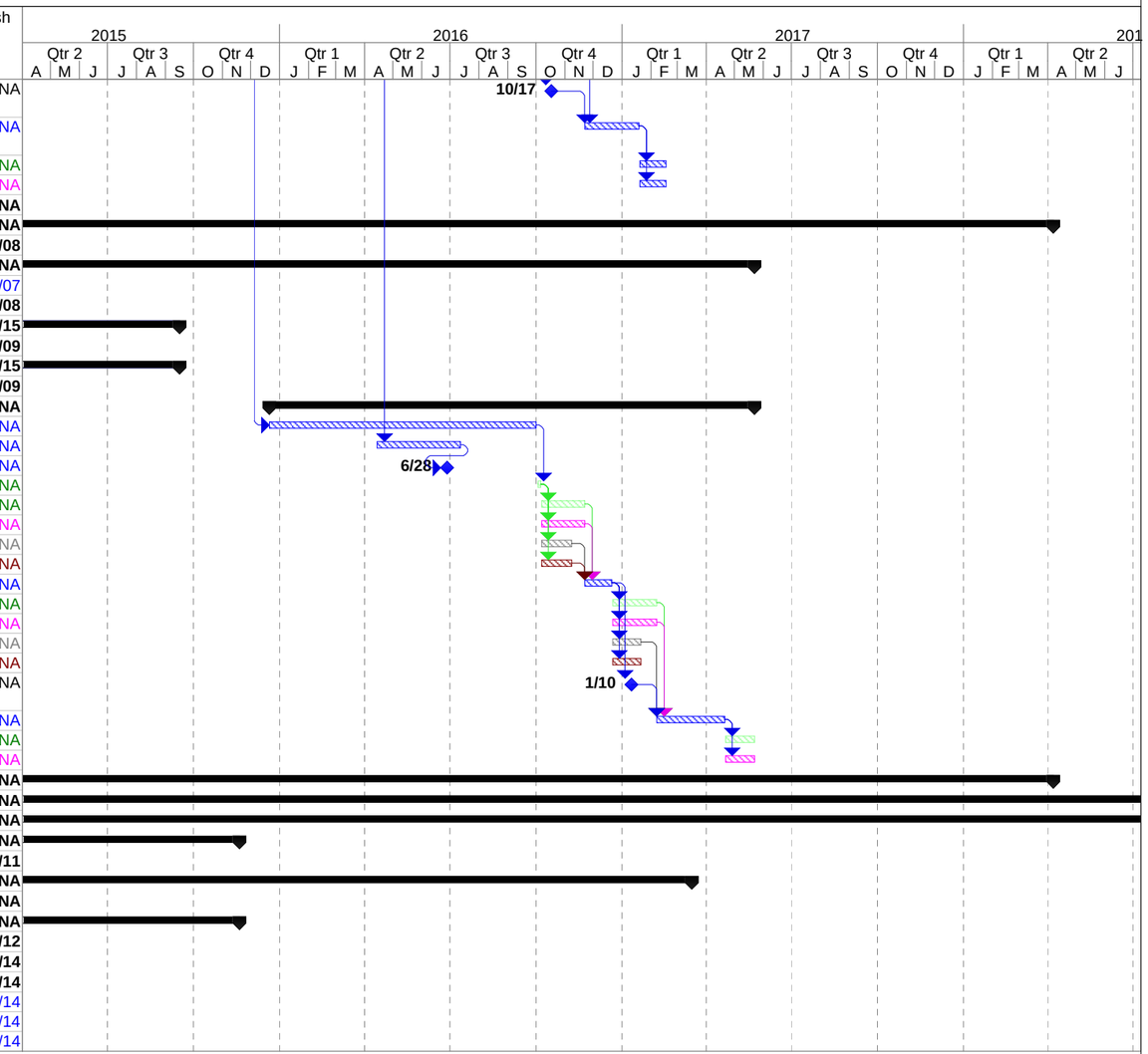
947	Meeting to discuss RTCs (approx. 2 wks after review by CWG/ TWG/Tribes/ Agencies)	0 days	Mon 10/17/16	Mon 10/17/16	NA	NA
948	Prepare Revised RFI Volume 3 (duration is estimated, to be verified after completion of RTCs)	2 mons	Tue 11/22/16	Wed 1/18/17	NA	NA
949	DTSC review/approve Revised RFI/RI Vol. 3	4 wks	Fri 1/20/17	Thu 2/16/17	NA	NA
950	DOI review/approve Revised RFI/RI Vol. 3 Report	4 wks	Fri 1/20/17	Thu 2/16/17	NA	NA
951	**CORRECTIVE MEASURES/REMEDIAL ALTERNATIVE DEVELOPMENT**	**1527 days**	**Mon 3/29/04**	**Thu 12/31/09**	**Mon 3/29/04**	**NA**
1099	**CORRECTIVE MEASURE STUDY/FEASIBILITY STUDY (CMS/FS) AND RISK ASSESSMENT**	**4022 days**	**Mon 12/16/02**	**Fri 4/6/18**	**Mon 12/16/02**	**NA**
1100	**CMS Work Plan**	**1465 days**	**Mon 12/16/02**	**Tue 6/24/08**	**Mon 12/16/02**	**Tue 6/24/08**
1119	**Risk Evaluation - Scoping and CSM**	**2764.5 days**	**Tue 10/31/06**	**Mon 5/22/17**	**Tue 10/31/06**	**NA**
1120	Soil Land Use and Pathway Analysis before Nov. 2007 Group Meeting	265 days	Tue 10/31/06	Fri 10/26/07	Tue 10/31/06	Fri 10/26/07
1121	**Scoping for Ecological Risk Assessment Work Plan**	**282 days**	**Mon 1/22/07**	**Fri 2/15/08**	**Mon 1/22/07**	**Fri 2/15/08**
1131	**Soil/Groundwater Risk Assessment Workplan (RAWP)**	**2061 days**	**Mon 10/29/07**	**Tue 9/15/15**	**Mon 10/29/07**	**Tue 9/15/15**
1132	**RAWP**	**334 days**	**Mon 10/29/07**	**Thu 2/5/09**	**Mon 10/29/07**	**Thu 2/5/09**
1158	**RAWP Addendum II**	**688 days**	**Fri 1/25/13**	**Tue 9/15/15**	**Fri 1/25/13**	**Tue 9/15/15**
1186	**Groundwater Evaluation**	**330 days**	**Wed 9/10/08**	**Tue 12/15/09**	**Wed 9/10/08**	**Tue 12/15/09**
1203	**Soil Evaluation**	**370.5 days**	**Mon 12/21/15**	**Mon 5/22/17**	**NA**	**NA**
1204	Prepare/Submit Draft Soil Risk Assessment Report	41 wks	Mon 12/21/15	Fri 9/30/16	NA	NA
1205	Calculate Exposure Point Concentrations (EPCs)	3 mons	Thu 4/14/16	Mon 7/11/16	NA	NA
1206	Meeting to discuss EPCs	0 days	Tue 6/28/16	Tue 6/28/16	NA	NA
1207	DTSC send Soil Risk Evaluation to CWG/TWG	3 days	Mon 10/3/16	Wed 10/5/16	NA	NA
1208	DTSC review/comment	46 edays	Thu 10/6/16	Mon 11/21/16	NA	NA
1209	DOI review/comment	46 edays	Thu 10/6/16	Mon 11/21/16	NA	NA
1210	CWG/TWG review/comment	32 edays	Thu 10/6/16	Mon 11/7/16	NA	NA
1211	Tribes review/comment	32 edays	Thu 10/6/16	Mon 11/7/16	NA	NA
1212	Prepare Response to Comments	1 mon	Tue 11/22/16	Tue 12/20/16	NA	NA
1213	DTSC review/comment	47 edays	Wed 12/21/16	Mon 2/6/17	NA	NA
1214	DOI review/comment	47 edays	Wed 12/21/16	Mon 2/6/17	NA	NA
1215	CWG/TWG review/comment	30 edays	Wed 12/21/16	Fri 1/20/17	NA	NA
1216	Tribal review/comment	30 edays	Wed 12/21/16	Fri 1/20/17	NA	NA
1217	Meeting to discuss response to comments (approx. 2 wks after review by CWG/TWG/Tribes/ Agencies)	0 days	Tue 1/10/17	Tue 1/10/17	NA	NA
1218	Finalize/Submit Soil Risk Assessment Report	2.5 mons	Tue 2/7/17	Thu 4/20/17	NA	NA
1219	DTSC review/approve	1 mon	Fri 4/21/17	Mon 5/22/17	NA	NA
1220	DOI review/approve	1 mon	Fri 4/21/17	Mon 5/22/17	NA	NA
1221	**CMS/FS Report**	**2519 days**	**Mon 8/18/08**	**Fri 4/6/18**	**Mon 8/18/08**	**NA**
1299	**STATEMENT OF BASIS**	**2267.6 days**	**Mon 1/4/10**	**Thu 9/6/18**	**Mon 1/4/10**	**NA**
1314	**RECORD OF DECISION**	**2368 days**	**Fri 12/18/09**	**Wed 1/9/19**	**Fri 12/18/09**	**NA**
1337	**Section 106 Programmatic Agreement (PA)**	**1858 days**	**Fri 10/10/08**	**Wed 11/18/15**	**Fri 10/10/08**	**NA**
1370	**EIR DOCUMENTATION**	**1449 days**	**Thu 9/1/05**	**Wed 3/2/11**	**Thu 9/1/05**	**Wed 3/2/11**
1443	**DESIGN, PERMITTING, AND CONSTRUCTION OF GROUNDWATER REMEDY**	**1599.5 days**	**Mon 1/31/11**	**Thu 3/16/17**	**Mon 1/31/11**	**NA**
1444	**Corrective Measure Implementation/Remedial Design (CMI/RD) Workplan**	**199 days**	**Mon 1/31/11**	**Thu 11/3/11**	**Mon 1/31/11**	**NA**
1458	**Remedial Design (Preliminary, Intermediate, and Pre-Final/Final)**	**1088 days**	**Tue 9/20/11**	**Wed 11/18/15**	**Tue 9/20/11**	**NA**
1459	**Preliminary Design**	**174 days**	**Tue 9/20/11**	**Thu 5/17/12**	**Tue 9/20/11**	**Thu 5/17/12**
1471	**Intermediate Design**	**501 days**	**Fri 5/18/12**	**Fri 4/18/14**	**Fri 5/18/12**	**Fri 4/18/14**
1500	**Implementation Plan for Evaluation of Alternative Freshwater Sources**	**422 days**	**Fri 11/16/12**	**Mon 6/30/14**	**Fri 11/16/12**	**Mon 6/30/14**
1539	Field Verification of Archaeological/Historical Sites in Groundwater Remedy Footprint	4 days	Tue 9/9/14	Fri 9/12/14	Tue 9/9/14	Fri 9/12/14
1540	Prepare/submit Field Verification Report	28 days	Mon 9/15/14	Wed 10/22/14	Mon 9/15/14	Wed 10/22/14
1541	Survey of Archaelogical/Historical Sites in Expanded Area at Park Moabi	1 day	Tue 12/2/14	Tue 12/2/14	Tue 12/2/14	Tue 12/2/14



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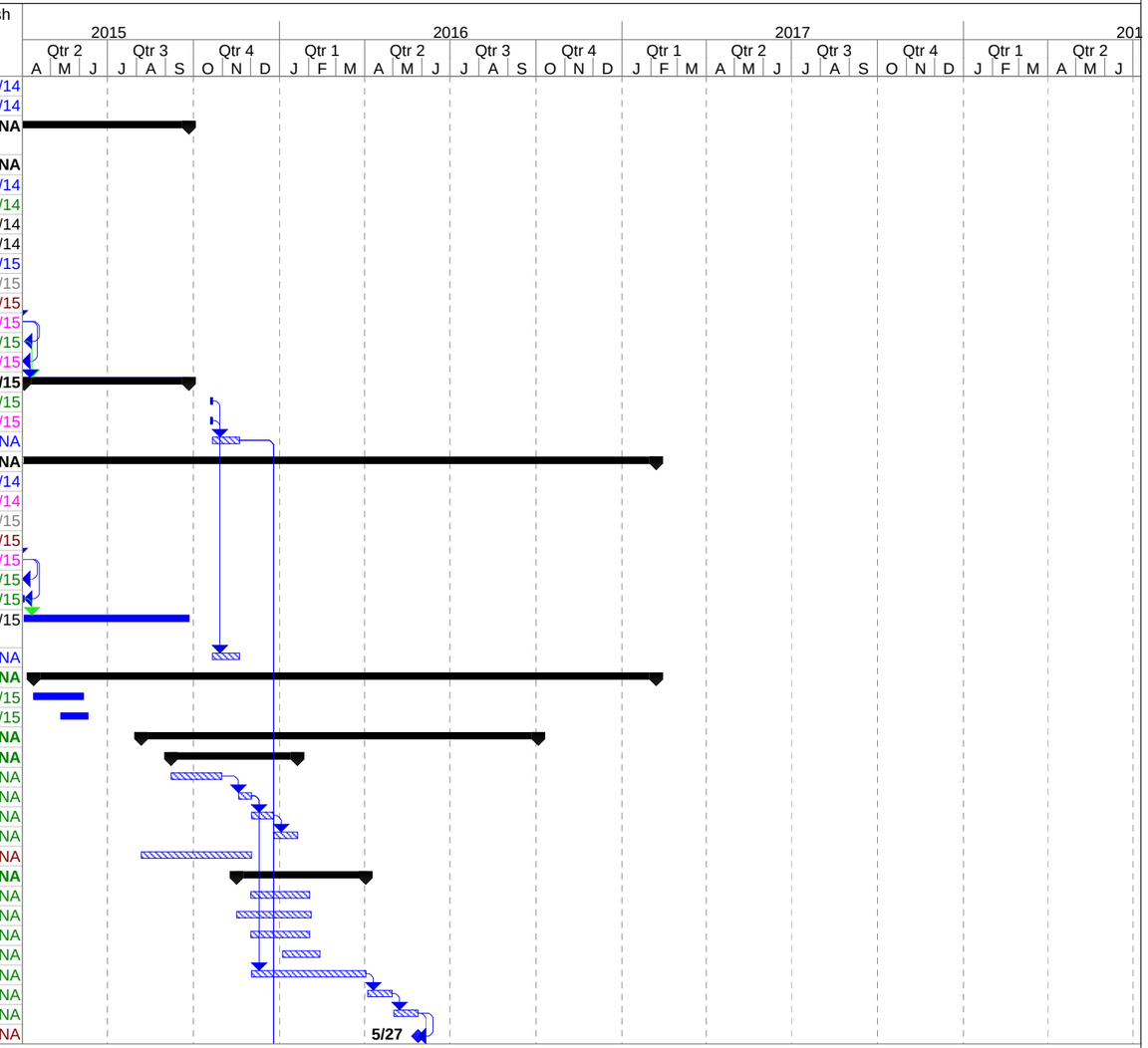
OCTOBER 28, 2015 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish
1542	Survey of Biological Resources in Expanded Area at Park Moabi	3 days	Wed 11/19/14	Fri 11/21/14	Wed 11/19/14	Fri 11/21/14
1543	Annual archeological monitoring and site condition assessments	7 days	Thu 12/11/14	Fri 12/19/14	Thu 12/11/14	Fri 12/19/14
1544	**Pre-Final/Final Design (include plan for decommissioning, removal, and restoration of IM3 facility)**	**385 days**	**Mon 4/7/14**	**Fri 9/25/15**	**Mon 4/7/14**	**NA**
1545	**Documents submitted in advance of 90%**	**140 days**	**Wed 4/30/14**	**Tue 11/11/14**	**Wed 4/30/14**	**NA**
1566	Prepare/submit Pre-Final Design Package	5.29 mons	Mon 4/7/14	Mon 9/8/14	Mon 4/7/14	Mon 9/8/14
1567	DTSC forward to CWG/TWG	1 day	Tue 9/9/14	Tue 9/9/14	Tue 9/9/14	Tue 9/9/14
1568	Agencies' direction #1 on Supplemental 90%	1 day	Tue 10/21/14	Tue 10/21/14	Tue 10/21/14	Tue 10/21/14
1569	Agencies' direction #2 on Supplemental 90%	1 day	Tue 12/23/14	Tue 12/23/14	Tue 12/23/14	Tue 12/23/14
1570	Prepare/submit Supplemental Pre-Final Design Package	104.38 edays	Tue 10/21/14	Mon 2/2/15	Tue 10/21/14	Mon 2/2/15
1571	CWG/TWG review/comment on Pre-Final Design Package	191.38 edays	Wed 9/10/14	Fri 3/20/15	Wed 9/10/14	Fri 3/20/15
1572	Tribal Consultation	163.38 edays	Wed 10/8/14	Fri 3/20/15	Wed 10/8/14	Fri 3/20/15
1573	BLM process after close of comment period	11.38 edays	Fri 3/20/15	Tue 3/31/15	Fri 3/20/15	Tue 3/31/15
1574	DTSC review/comment on Final Design Package	204.38 edays	Wed 9/10/14	Thu 4/2/15	Wed 9/10/14	Thu 4/2/15
1575	DOI review/comment on Final Design Package	202.38 edays	Wed 9/10/14	Tue 3/31/15	Wed 9/10/14	Tue 3/31/15
1576	**Response to Comments and Comment Resolution**	**126 days**	**Fri 4/3/15**	**Fri 9/25/15**	**Fri 4/3/15**	**Fri 9/25/15**
1590	DTSC issue direction on Final Design and Inputs on Final RTC Table	2 days	Mon 10/19/15	Tue 10/20/15	Mon 10/19/15	Tue 10/20/15
1591	DOI issue direction on Final Design and Inputs on Final RTC Table	2 days	Mon 10/19/15	Tue 10/20/15	Mon 10/19/15	Tue 10/20/15
1592	Prepare/submit Final Design Package	1 mon	Wed 10/21/15	Wed 11/18/15	Wed 10/21/15	NA
1593	**Construction/Remedial Action Work Plan**	**740.5 days**	**Mon 4/7/14**	**Mon 2/6/17**	**Mon 4/7/14**	**NA**
1594	Prepare/submit Draft Work Plan	5.29 mons	Mon 4/7/14	Mon 9/8/14	Mon 4/7/14	Mon 9/8/14
1595	DOI forward to DTSC/CWG/TWG	1 day	Tue 9/9/14	Tue 9/9/14	Tue 9/9/14	Tue 9/9/14
1596	CWG/TWG review/comment on Draft Work Plan	191.38 edays	Wed 9/10/14	Fri 3/20/15	Wed 9/10/14	Fri 3/20/15
1597	Tribal Consultation on Draft Work Plan	163.38 edays	Wed 10/8/14	Fri 3/20/15	Wed 10/8/14	Fri 3/20/15
1598	BLM process after close of comment period	11.38 edays	Fri 3/20/15	Tue 3/31/15	Fri 3/20/15	Tue 3/31/15
1599	DOI review/comment on Draft Work Plan	202.38 edays	Wed 9/10/14	Tue 3/31/15	Wed 9/10/14	Tue 3/31/15
1600	DTSC review/comment on Draft Work Plan	204.38 edays	Wed 9/10/14	Thu 4/2/15	Wed 9/10/14	Thu 4/2/15
1601	Response to Comments and Comment Resolution (see RTCs/Comment Resolution for Pre-Final Design)	126 days	Fri 4/3/15	Fri 9/25/15	Fri 4/3/15	Fri 9/25/15
1602	Prepare/submit Final Work Plan (duration to be confirmed after comment resolution)	1 mon	Wed 10/21/15	Wed 11/18/15	Wed 10/21/15	NA
1603	**State CEQA Evaluation**	**475.5 days**	**Mon 4/13/15**	**Mon 2/6/17**	**Mon 4/13/15**	**NA**
1604	Notice of Preparation	39 days	Mon 4/13/15	Thu 6/4/15	Mon 4/13/15	Thu 6/4/15
1605	Scoping Meetings	21 days	Tue 5/12/15	Tue 6/9/15	Tue 5/12/15	Tue 6/9/15
1606	**Preparation of Draft Subsequent EIR (SEIR)**	**302.5 days**	**Thu 8/6/15**	**Mon 10/3/16**	**Thu 8/6/15**	**NA**
1607	**Preparation of Project Description**	**97 days**	**Mon 9/7/15**	**Tue 1/19/16**	**Mon 9/7/15**	**NA**
1608	ESA Prepare Preliminary Project Description	8 wks	Mon 9/7/15	Fri 10/30/15	Mon 9/7/15	NA
1609	ESA Finalize Project Description	2 wks	Wed 11/18/15	Tue 12/1/15	NA	NA
1610	DTSC Review Project Description	3.5 wks	Wed 12/2/15	Fri 12/25/15	NA	NA
1611	ESA Revise Project Description	3.5 wks	Fri 12/25/15	Tue 1/19/16	NA	NA
1612	Tribal Input Process	4 mons	Thu 8/6/15	Tue 12/1/15	Thu 8/6/15	NA
1613	**Prepare Admin Draft SEIR**	**100 days**	**Mon 11/16/15**	**Fri 4/1/16**	**NA**	**NA**
1614	Aesthetic Site Visit and Analysis	9 wks	Tue 12/1/15	Mon 2/1/16	NA	NA
1615	Cultural Resources Evaluation	11.5 wks	Mon 11/16/15	Wed 2/3/16	NA	NA
1616	Noise Site Visit and Technical Evaluation	9 wks	Tue 12/1/15	Mon 2/1/16	NA	NA
1617	Traffic Site Visit and Technical Evaluation	6 wks	Mon 1/4/16	Fri 2/12/16	NA	NA
1618	ESA Prepare Admin Draft SEIR	17.6 wks	Wed 12/2/15	Fri 4/1/16	NA	NA
1619	DTSC Review Admin Draft SEIR	4 wks	Mon 4/4/16	Fri 4/29/16	NA	NA
1620	ESA Prepare 2nd Admin Draft SEIR	4 wks	Mon 5/2/16	Fri 5/27/16	NA	NA
1621	Tribal Meeting - Review Mitigation Concepts (date approximate)	0 days	Fri 5/27/16	Fri 5/27/16	NA	NA



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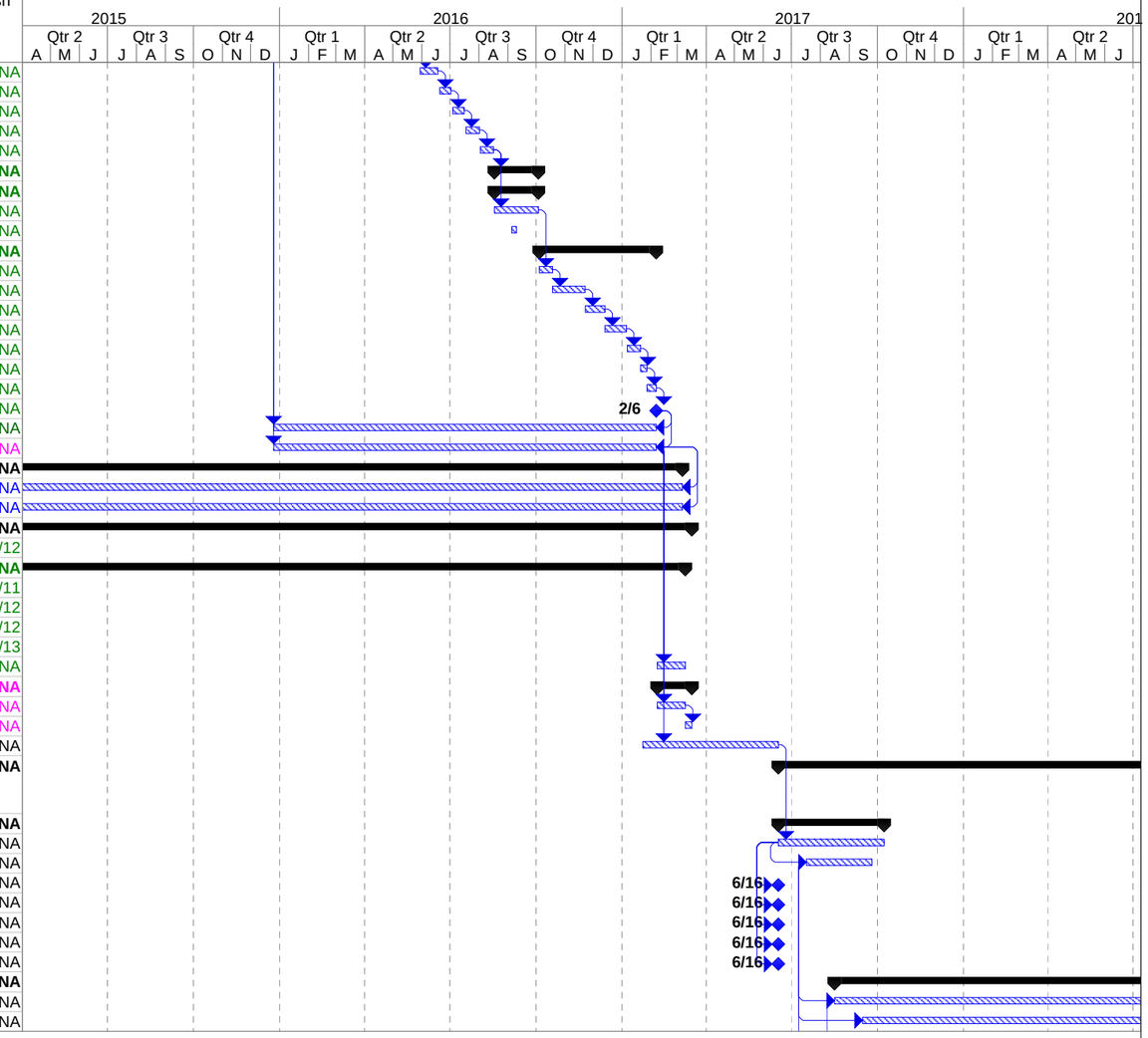
1622	DTSC Review 2nd Admin Draft SEIR	3 wks	Mon 5/30/16	Fri 6/17/16	NA	NA
1623	ESA Prepare Screencheck SEIR	2 wks	Mon 6/20/16	Fri 7/1/16	NA	NA
1624	DTSC Review Screencheck SEIR	2 wks	Mon 7/4/16	Fri 7/15/16	NA	NA
1625	ESA Address DTSC Comments on Screencheck SEIR	2.1 wks	Mon 7/18/16	Mon 8/1/16	NA	NA
1626	ESA Finalize/Print/Distribute Draft SEIR	2 wks	Tue 8/2/16	Tue 8/16/16	NA	NA
1627	**ESA Finalize Draft SEIR**	**33 days**	**Wed 8/17/16**	**Mon 10/3/16**	**NA**	**NA**
1628	**Draft SEIR Public Review**	**33 days**	**Wed 8/17/16**	**Mon 10/3/16**	**NA**	**NA**
1629	45-day Public Review	47 edays	Wed 8/17/16	Mon 10/3/16	NA	NA
1630	Public Meetings	5 days	Mon 9/5/16	Fri 9/9/16	NA	NA
1631	**Final EIR, Response to Comments (RTCs), Findings, MMRP**	**89 days**	**Tue 10/4/16**	**Mon 2/6/17**	**NA**	**NA**
1632	Draft SEIR Comment Review and FEIR Mod	2 wks	Tue 10/4/16	Tue 10/18/16	NA	NA
1633	ESA Compile/Prepare Admin Draft RTC/FEIR	5 wks	Tue 10/18/16	Tue 11/22/16	NA	NA
1634	DTSC Review Admin Draft RTC/FEIR/Findings	3 wks	Tue 11/22/16	Tue 12/13/16	NA	NA
1635	ESA Prepare Screencheck FEIR/Findings	3.4 wks	Tue 12/13/16	Thu 1/5/17	NA	NA
1636	DTSC Review Screencheck FEIR/Findings	2 wks	Fri 1/6/17	Fri 1/20/17	NA	NA
1637	ESA Produce FEIR for 10-day Circulation	1 wk	Fri 1/20/17	Fri 1/27/17	NA	NA
1638	10 Day FEIR Circulation	10 edays	Fri 1/27/17	Mon 2/6/17	NA	NA
1639	DTSC Certifies Final EIR/ESA Files NOD	0 days	Mon 2/6/17	Mon 2/6/17	NA	NA
1640	DTSC reviews/approves Final Design and Construction/Remedial Action Work Plan	291 days	Fri 12/25/15	Mon 2/6/17	NA	NA
1641	DOI reviews/approves Final Design and Construction/Remedial Action Work Plan	291 days	Fri 12/25/15	Mon 2/6/17	NA	NA
1642	**ROWs/Easements/Access Agreements/Approvals/Compliance**	**699.3 days**	**Tue 7/1/14**	**Mon 3/6/17**	**Tue 7/1/14**	**NA**
1643	Other Approvals and Compliance	33.3 mons	Tue 7/1/14	Mon 3/6/17	Tue 7/1/14	NA
1644	Landowner Agreements/Leasing/ROW Agreements	33.3 mons	Tue 7/1/14	Mon 3/6/17	Tue 7/1/14	NA
1645	**Community Outreach**	**1420.5 days**	**Fri 10/7/11**	**Thu 3/16/17**	**Fri 10/7/11**	**NA**
1646	Prepare/Issue Project Update Factsheet	4 mons	Fri 10/7/11	Tue 1/31/12	Fri 10/7/11	Tue 1/31/12
1647	**Community Outreach Activities (State)**	**1415.5 days**	**Fri 10/7/11**	**Thu 3/9/17**	**Fri 10/7/11**	**NA**
1648	Update mailing list	2.95 mons	Fri 10/7/11	Fri 12/30/11	Fri 10/7/11	Fri 12/30/11
1649	Conduct Community Survey	1.62 mons	Tue 1/31/12	Fri 3/16/12	Tue 1/31/12	Fri 3/16/12
1650	Conduct Community Interview	2 mons	Wed 4/25/12	Thu 6/21/12	Wed 4/25/12	Thu 6/21/12
1651	Prepare/Issue Community Outreach Plan	7.1 mons	Mon 3/19/12	Wed 1/16/13	Mon 3/19/12	Wed 1/16/13
1652	Prepare/Issue factsheet for Corrective Measures Implementation	30 edays	Tue 2/7/17	Thu 3/9/17	NA	NA
1653	**Outreach/Public Participation Activities (Federal)**	**27 days**	**Tue 2/7/17**	**Thu 3/16/17**	**NA**	**NA**
1654	Prepare/issue factsheet for Remedy Implementation	30 edays	Tue 2/7/17	Thu 3/9/17	NA	NA
1655	Open house (Multiple Locations)	1 wk	Thu 3/9/17	Thu 3/16/17	NA	NA
1656	Project Contracting	5 mons	Mon 1/23/17	Fri 6/16/17	NA	NA
1657	**Construction (this is a preliminary construction schedule for planning purposes only. See Section 3, Construction Approaches and Sequencing, of the Construction/Remedial Action Work Plan for details)**	**1009.5 days**	**Fri 6/16/17**	**Fri 4/30/21**	**NA**	**NA**
1658	**Pre-Construction**	**80 days**	**Fri 6/16/17**	**Sat 10/7/17**	**NA**	**NA**
1659	Mobilization	113 edays	Fri 6/16/17	Sat 10/7/17	NA	NA
1660	Site Preparation	70 edays	Sun 7/16/17	Sun 9/24/17	NA	NA
1661	Stakeholder Attending Kick-Off Meeting at Site	0 days	Fri 6/16/17	Fri 6/16/17	NA	NA
1662	Stakeholder Attending Kick-Off Meeting at Site	0 days	Fri 6/16/17	Fri 6/16/17	NA	NA
1663	Stakeholder Attending Kick-Off Meeting at Site	0 days	Fri 6/16/17	Fri 6/16/17	NA	NA
1664	Stakeholder Attending Kick-Off Meeting at Site	0 days	Fri 6/16/17	Fri 6/16/17	NA	NA
1665	Stakeholder Attending Kick-Off Meeting at Site	0 days	Fri 6/16/17	Fri 6/16/17	NA	NA
1666	**Construction Activities**	**941.8 days**	**Wed 8/16/17**	**Thu 3/25/21**	**NA**	**NA**
1667	Pipelines/Access Pathways Installation	18.5 mons	Wed 8/16/17	Mon 2/11/19	NA	NA
1668	Remediation and Monitoring Wells Installation	19 mons	Fri 9/15/17	Wed 3/27/19	NA	NA



Project: PG&E Topock Remediation Project
Date: Fri 10/23/15

Tasks Not Started/In Progess
Tasks Finished
Baseline Schedule
Milestone
Overall Task Duration
Inactive Task
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only

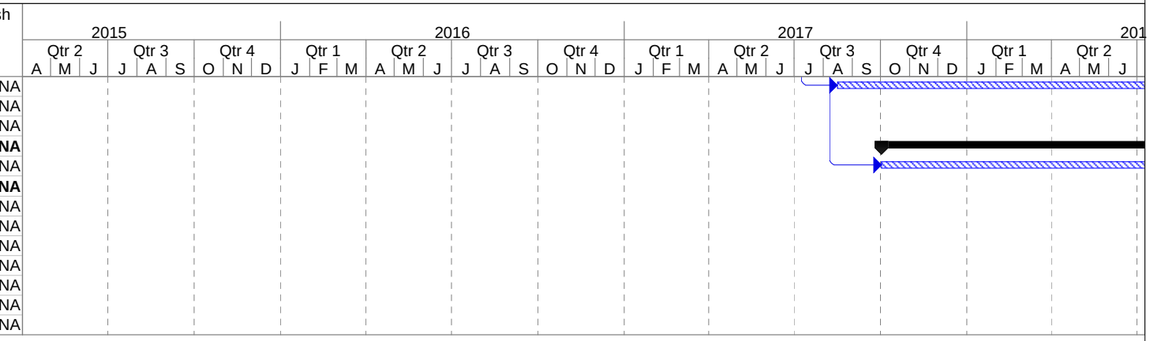
edays = calendar days; days = work days
Baseline Schedule is the 8/15/07 CWG Schedule (rev 1, 12/12/07).
*Timeframes shown are for planning purpose. Actual timeframes may vary.

Color Coding:
PG&E Federal Agencies CWG/TWG Public
DTSC Tribes/SHPO Other CA Agencies AZ Agencies

Major Assumptions
- Permits, CWG/ stakeholder review, and DTSC review & approvals are estimated.
- Actual dates may vary depending on field conditions.

HANDOUT 14A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 28)
OCTOBER 28, 2015 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish
1669	Vertical Structures Installation	28 mons	Wed 8/16/17	Fri 11/15/19	NA	NA
1670	Commissioning	8.5 mons	Fri 5/24/19	Wed 1/29/20	NA	NA
1671	Construction Closeout	14.3 mons	Thu 1/30/20	Thu 3/25/21	NA	NA
1672	**Reporting**	**934.5 days**	**Mon 10/2/17**	**Fri 4/30/21**	**NA**	**NA**
1673	Prepare/submit monthly construction progress reports	44.5 mons	Mon 10/2/17	Fri 4/30/21	NA	NA
1674	**Startup**	**316 days**	**Wed 1/29/20**	**Thu 4/15/21**	**NA**	**NA**
1675	Shutdown IM extraction/treatment/injection	1 day	Wed 1/29/20	Thu 1/30/20	NA	NA
1676	Inject carbon/build NTH IRZ (6-12mons)	12 mons	Thu 1/30/20	Mon 1/18/21	NA	NA
1677	Inject freshwater(3-6mons)	6 mons	Fri 7/24/20	Mon 1/18/21	NA	NA
1678	Activate Inner recirculation loop (3-6mons)	6 mons	Wed 10/21/20	Thu 4/15/21	NA	NA
1679	Activate TCS recirculation loop (3-6mons)	6 mons	Wed 10/21/20	Thu 4/15/21	NA	NA
1680	Startup complete/start full remedy operations	0 days	Thu 4/15/21	Thu 4/15/21	NA	NA
1681	Start Operation and Maintenance	0 days	Thu 4/15/21	Thu 4/15/21	NA	NA



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