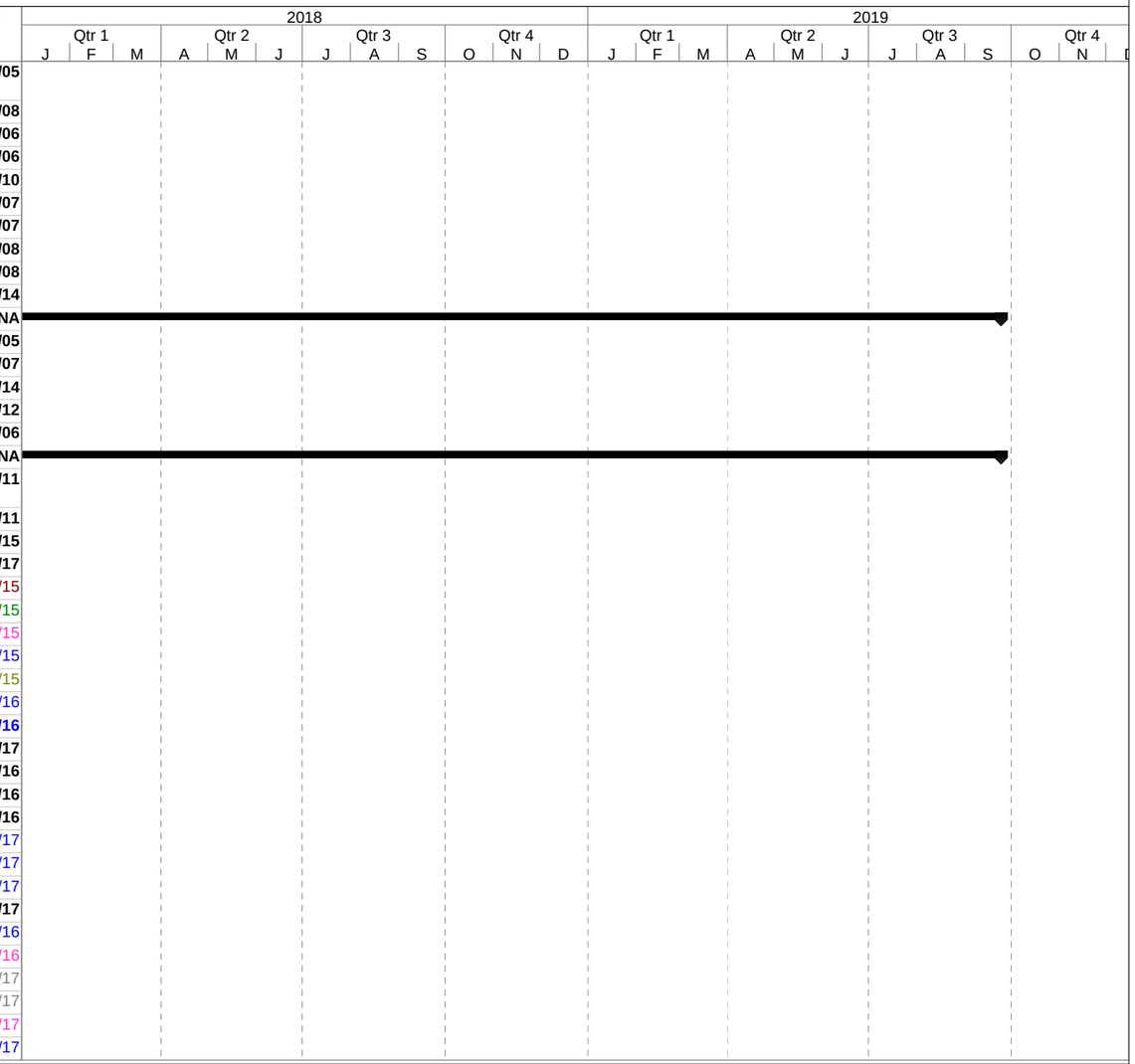
HANDOUT 9A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 37)
FEBRUARY 28, 2018 CWG MEETING

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)**	**6181.25 days**	**Sat 2/24/96**	**Tue 9/24/19**	**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)**	**3454.25 days**	**Sat 7/15/06**	**Tue 9/24/19**	**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**	**594 days**	**Tue 8/25/15**	**Thu 11/30/17**	**Tue 8/25/15**	**Thu 11/30/17**
923	Stakeholder Attending Kick-Off Meeting at Site*	1 day	Thu 10/29/15	Thu 10/29/15	Thu 10/29/15	Thu 10/29/15
924	Stakeholder Attending Kick-Off Meeting at Site*	1 day	Thu 10/29/15	Thu 10/29/15	Thu 10/29/15	Thu 10/29/15
925	Stakeholder Attending Kick-Off Meeting at Site*	1 day	Thu 10/29/15	Thu 10/29/15	Thu 10/29/15	Thu 10/29/15
926	Stakeholder Attending Kick-Off Meeting at Site*	1 day	Thu 10/29/15	Thu 10/29/15	Thu 10/29/15	Thu 10/29/15
927	Stakeholder Attending Kick-Off Meeting at Site*	1 day	Thu 10/29/15	Thu 10/29/15	Thu 10/29/15	Thu 10/29/15
928	Permitting/Access Agreements	114 days	Tue 8/25/15	Sun 1/31/16	Tue 8/25/15	Sun 1/31/16
929	**Field Implementation of Original Work Plan, Data Gaps WPs #1/2**	**104 days**	**Tue 11/3/15**	**Thu 3/24/16**	**Tue 11/3/15**	**Thu 3/24/16**
933	**Data Gaps Analysis and Coordination**	**492 days**	**Wed 1/13/16**	**Thu 11/30/17**	**Wed 1/13/16**	**Thu 11/30/17**
934	**Data Gaps Work Plan 1**	**15 days**	**Wed 1/13/16**	**Tue 2/2/16**	**Wed 1/13/16**	**Tue 2/2/16**
942	**Data Gaps Work Plan 2**	**13 days**	**Fri 2/12/16**	**Tue 3/1/16**	**Fri 2/12/16**	**Tue 3/1/16**
950	**Data Gaps Work Plan 3**	**37 days**	**Wed 9/21/16**	**Thu 11/10/16**	**Wed 9/21/16**	**Thu 11/10/16**
958	Contracting and Planning for WP #3	39 days	Fri 11/11/16	Wed 1/4/17	Fri 11/11/16	Wed 1/4/17
959	Field Implementation of WP #3	3 mons	Thu 1/5/17	Thu 4/27/17	Thu 1/5/17	Thu 4/27/17
960	Laboratory Analysis and Validation	150 days	Fri 5/5/17	Thu 11/30/17	Fri 5/5/17	Thu 11/30/17
961	**Dioxin/Furan Background Study (in Soil)**	**266 days**	**Thu 11/10/16**	**Thu 11/16/17**	**Thu 11/10/16**	**Thu 11/16/17**
962	Prepare/provide work plan for review/comment	40.38 edays	Thu 11/10/16	Tue 12/20/16	Thu 11/10/16	Tue 12/20/16
963	DOI/BLM sends work plan to Tribes for consultation	0 days	Wed 12/21/16	Wed 12/21/16	Wed 12/21/16	Wed 12/21/16
964	CWG/TWG review/comment	29.38 edays	Thu 12/22/16	Fri 1/20/17	Thu 12/22/16	Fri 1/20/17
965	Tribes review/comment	46.38 edays	Thu 12/22/16	Mon 2/6/17	Thu 12/22/16	Mon 2/6/17
966	DOI consider comments and issue directives to PG&E	3.2 wks	Tue 2/7/17	Tue 2/28/17	Tue 2/7/17	Tue 2/28/17
967	Prepare/submit revised work plan	2 days	Wed 3/1/17	Thu 3/2/17	Wed 3/1/17	Thu 3/2/17



Project: PG&E Topock Remediation Project
Date: Fri 2/23/18

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
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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.

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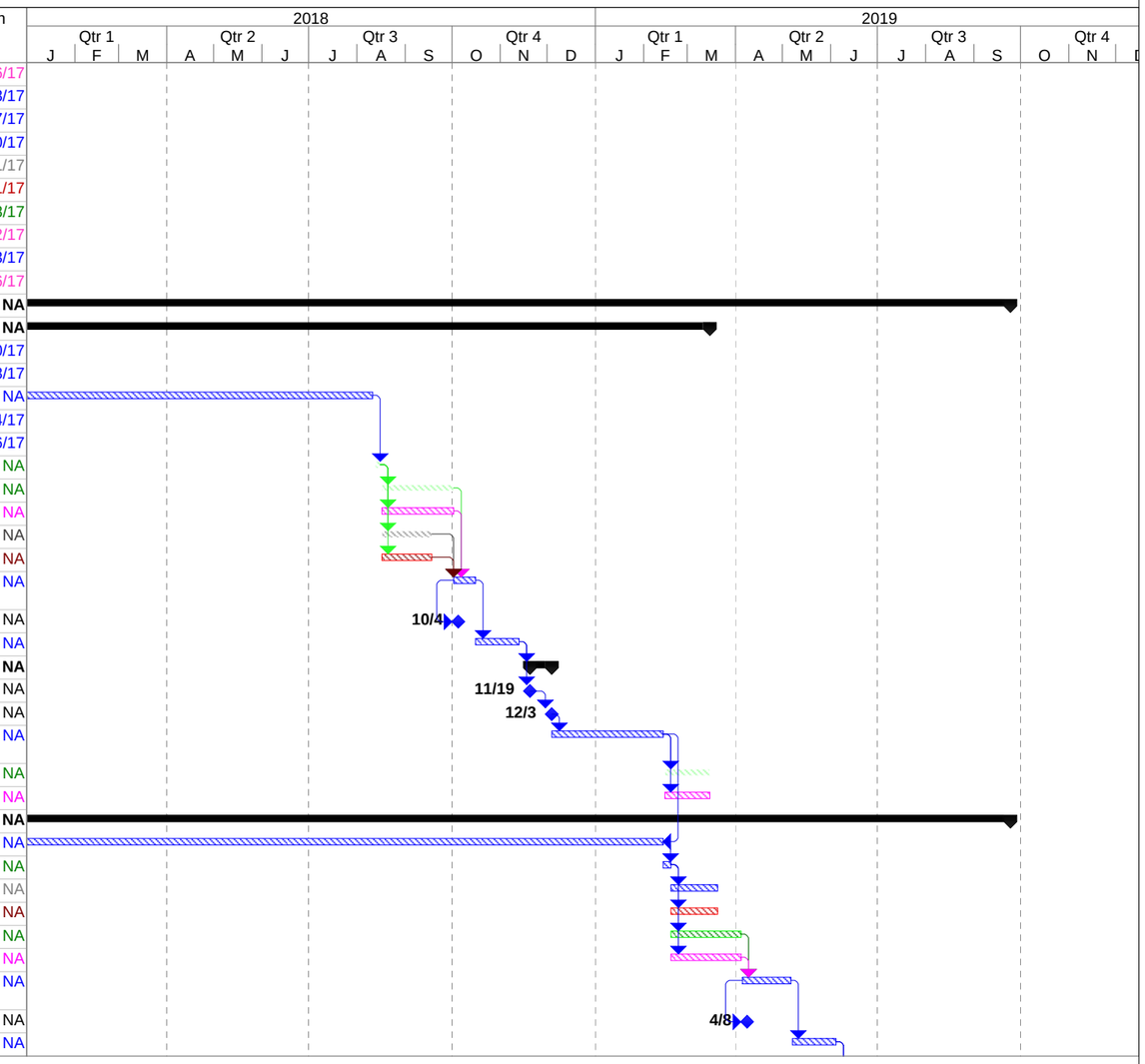
968	DOI review/approve the revised work plan	2 days	Fri 3/3/17	Mon 3/6/17	Fri 3/3/17	Mon 3/6/17
969	Field Implementation of Dioxin/Furan Background Study	1 day	Fri 3/17/17	Sat 3/18/17	Fri 3/17/17	Sat 3/18/17
970	Lab Analysis and Validation	80 days	Mon 3/20/17	Fri 7/7/17	Mon 3/20/17	Fri 7/7/17
971	Prepare/provide Technical Memorandum	8 days	Mon 4/17/17	Thu 7/20/17	Mon 4/17/17	Thu 7/20/17
972	CWG/TWG review/comment	32.38 edays	Thu 7/20/17	Mon 8/21/17	Thu 7/20/17	Mon 8/21/17
973	Tribes review/comment	32.38 edays	Thu 7/20/17	Mon 8/21/17	Thu 7/20/17	Mon 8/21/17
974	DTSC review/comment	29.38 edays	Thu 7/20/17	Fri 8/18/17	Thu 7/20/17	Fri 8/18/17
975	DOI review, consider comments, and approve or issue directives to PG&E	64.38 edays	Thu 7/20/17	Fri 9/22/17	Thu 7/20/17	Fri 9/22/17
976	Prepare/provide revised Technical Memorandum	21.38 edays	Fri 9/22/17	Fri 10/13/17	Fri 9/22/17	Fri 10/13/17
977	DOI approve Technical Memorandum	1 day	Thu 11/16/17	Thu 11/16/17	Thu 11/16/17	Thu 11/16/17
978	**Reporting**	**591.25 days**	**Tue 6/20/17**	**Tue 9/24/19**	**Tue 6/20/17**	**NA**
979	**Soil Risk Assessment**	**454.5 days**	**Tue 6/20/17**	**Fri 3/15/19**	**Tue 6/20/17**	**NA**
980	Agency Direction to Move Forward with Soil Risk Assessment	1 day	Tue 6/20/17	Tue 6/20/17	Tue 6/20/17	Tue 6/20/17
981	Data Summary for EPCs Calculation	5.4 wks	Wed 6/21/17	Fri 7/28/17	Wed 6/21/17	Fri 7/28/17
982	Prepare/Submit Draft Soil Risk Assessment Report	54 wks	Mon 7/31/17	Fri 8/10/18	Mon 7/31/17	NA
983	Calculate Exposure Point Concentrations (EPCs)	4.05 mons	Mon 7/31/17	Fri 11/24/17	Mon 7/31/17	Fri 11/24/17
984	Meeting to discuss EPCs	1 day	Wed 8/16/17	Wed 8/16/17	Wed 8/16/17	Wed 8/16/17
985	DTSC send Soil Risk Evaluation to CWG/TWG	3 days	Mon 8/13/18	Wed 8/15/18	NA	NA
986	DTSC review/comment	46 edays	Thu 8/16/18	Mon 10/1/18	NA	NA
987	DOI review/comment	46 edays	Thu 8/16/18	Mon 10/1/18	NA	NA
988	CWG/TWG review/comment	32 edays	Thu 8/16/18	Mon 9/17/18	NA	NA
989	Tribes review/comment	32 edays	Thu 8/16/18	Mon 9/17/18	NA	NA
990	Review/compile Comment Table (duration will be verified after receipt of comments and directives)	2 wks	Tue 10/2/18	Mon 10/15/18	NA	NA
991	DTSC/DOI/PG&E hold comment clarification meeting (date is tentative)	0 days	Thu 10/4/18	Thu 10/4/18	NA	NA
992	Prepare/send RTC Table (duration will be verified after receipt of comments)	4 wks	Tue 10/16/18	Mon 11/12/18	NA	NA
993	**RTC Meeting**	**10 days**	**Mon 11/19/18**	**Mon 12/3/18**	**NA**	**NA**
994	Send agenda (2 wks prior to meeting)	0 days	Mon 11/19/18	Mon 11/19/18	NA	NA
995	Hold Meeting	0 days	Mon 12/3/18	Mon 12/3/18	NA	NA
996	Finalize/Submit Final Soil Risk Assessment Report with RTC Table (duration is estimated, to be verified after completion of RTCs)	2.5 mons	Tue 12/4/18	Wed 2/13/19	NA	NA
997	DTSC review/approve	1 mon	Thu 2/14/19	Fri 3/15/19	NA	NA
998	DOI review/approve	1 mon	Thu 2/14/19	Fri 3/15/19	NA	NA
999	**RFI/RI Volume 3**	**563.25 days**	**Fri 7/28/17**	**Tue 9/24/19**	**Fri 7/28/17**	**NA**
1000	Prepare Draft RFI/RI Vol 3 Report	19.25 mons	Fri 7/28/17	Wed 2/13/19	Fri 7/28/17	NA
1001	DTSC sends report to CWG/TWG and Tribes	3 days	Wed 2/13/19	Mon 2/18/19	NA	NA
1002	CWG/TWG review/comment	30 edays	Mon 2/18/19	Wed 3/20/19	NA	NA
1003	Tribes review/comment	30 edays	Mon 2/18/19	Wed 3/20/19	NA	NA
1004	DTSC review/comment	45 edays	Mon 2/18/19	Thu 4/4/19	NA	NA
1005	DOI review/comment	45 edays	Mon 2/18/19	Thu 4/4/19	NA	NA
1006	Review/compile Comment Table (duration will be verified after receipt of comments and directives)	31 edays	Fri 4/5/19	Mon 5/6/19	NA	NA
1007	DTSC/DOI/PG&E hold comment clarification meeting (date is tentative)	0 days	Mon 4/8/19	Mon 4/8/19	NA	NA
1008	Prepare/send RTC Table (duration will be verified after receipt of comments)	4 wks	Tue 5/7/19	Tue 6/4/19	NA	NA



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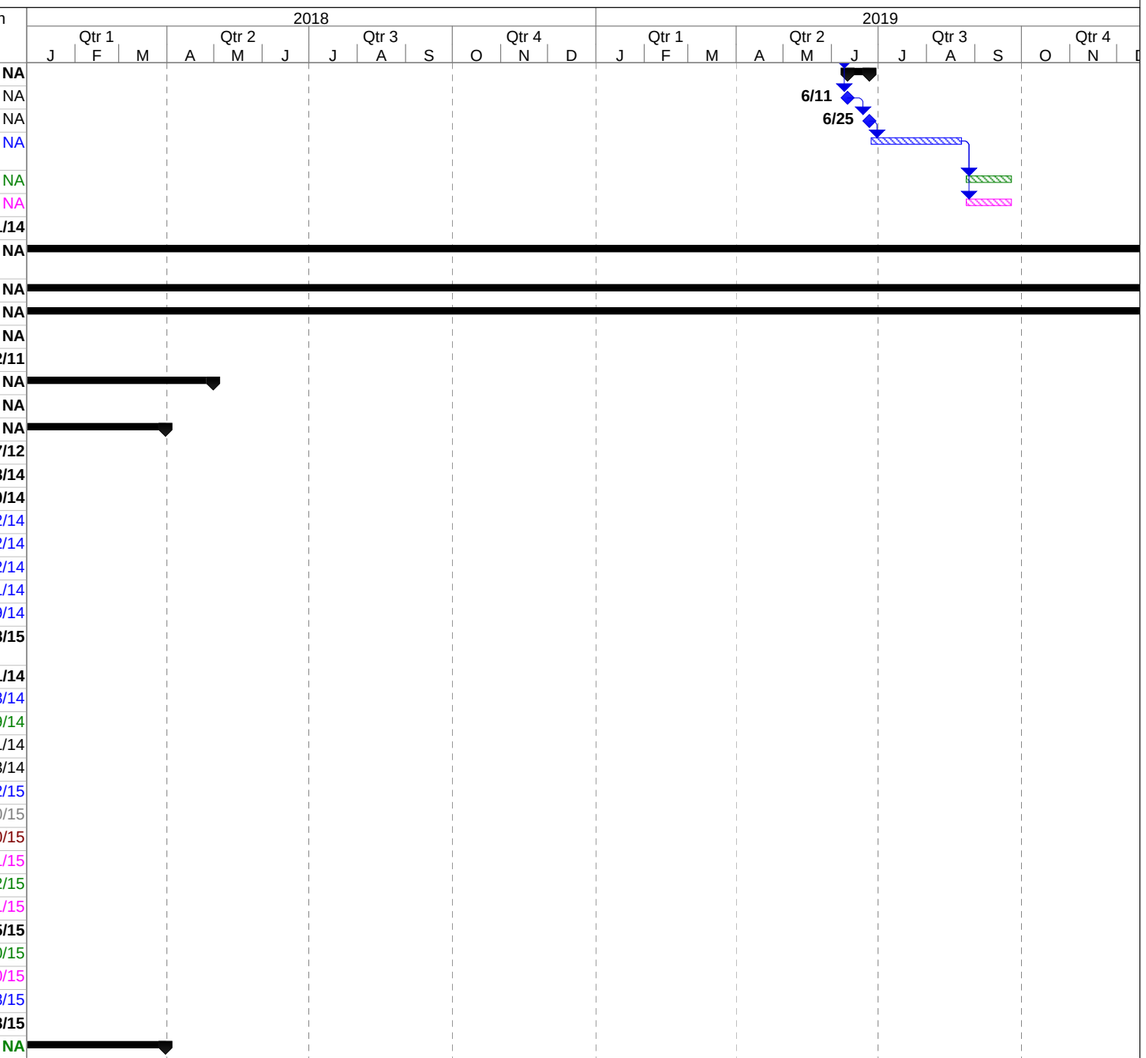
1009	**RTC Meeting**	**10 days**	**Tue 6/11/19**	**Tue 6/25/19**	**NA**	**NA**
1010	Send agenda (2 wks prior to meeting)	0 days	Tue 6/11/19	Tue 6/11/19	NA	NA
1011	Hold Meeting	0 days	Tue 6/25/19	Tue 6/25/19	NA	NA
1012	Prepare Revised RFI Volume 3 with RTC Table (duration is estimated, to be verified after completion of RTCs)	2 mons	Wed 6/26/19	Fri 8/23/19	NA	NA
1013	DTSC review/approve Revised RFI/RI Vol. 3 Report	1 mon	Mon 8/26/19	Tue 9/24/19	NA	NA
1014	DOI review/approve Revised RFI/RI Vol. 3 Report	1 mon	Mon 8/26/19	Tue 9/24/19	NA	NA
1015	**GROUNDWATER CORRECTIVE MEASURES/REMEDIAL ALTERNATIVE DEVELOPMENT**	**2835 days**	**Mon 3/29/04**	**Wed 12/31/14**	**Mon 3/29/04**	**Wed 12/31/14**
1163	**CORRECTIVE MEASURE STUDY/FEASIBILITY STUDY (CMS/FS) AND RISK ASSESSMENT**	**4636.25 days**	**Mon 12/16/02**	**Wed 8/12/20**	**Mon 12/16/02**	**NA**
1345	**STATEMENT OF BASIS**	**2882.85 days**	**Mon 1/4/10**	**Mon 1/11/21**	**Mon 1/4/10**	**NA**
1360	**RECORD OF DECISION**	**2984 days**	**Fri 12/18/09**	**Mon 5/17/21**	**Fri 12/18/09**	**NA**
1383	**Section 106 Programmatic Agreement (PA)**	**1858 days**	**Fri 10/10/08**	**Wed 11/18/15**	**Fri 10/10/08**	**NA**
1416	**EIR DOCUMENTATION**	**1449 days**	**Thu 9/1/05**	**Wed 3/2/11**	**Thu 9/1/05**	**Wed 3/2/11**
1489	**DESIGN, PERMITTING, AND CONSTRUCTION OF GROUNDWATER REMEDY**	**1892.65 days**	**Mon 1/31/11**	**Mon 4/30/18**	**Mon 1/31/11**	**NA**
1490	**Corrective Measure Implementation/Remedial Design (CMI/RD) Workplan**	**199 days**	**Mon 1/31/11**	**Thu 11/3/11**	**Mon 1/31/11**	**NA**
1504	**Remedial Design (Preliminary, Intermediate, and Pre-Final/Final)**	**1706 days**	**Tue 9/20/11**	**Fri 3/30/18**	**Tue 9/20/11**	**NA**
1505	**Preliminary Design**	**174 days**	**Tue 9/20/11**	**Thu 5/17/12**	**Tue 9/20/11**	**Thu 5/17/12**
1517	**Intermediate Design**	**501 days**	**Fri 5/18/12**	**Fri 4/18/14**	**Fri 5/18/12**	**Fri 4/18/14**
1546	**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**
1585	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
1586	Prepare/submit Field Verification Report	28 days	Mon 9/15/14	Wed 10/22/14	Mon 9/15/14	Wed 10/22/14
1587	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
1588	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
1589	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
1590	**Pre-Final/Final Design (include plan for decommissioning, removal, and restoration of IM3 facility)**	**423 days**	**Mon 4/7/14**	**Wed 11/18/15**	**Mon 4/7/14**	**Wed 11/18/15**
1591	**Documents submitted in advance of 90%**	**140 days**	**Wed 4/30/14**	**Tue 11/11/14**	**Wed 4/30/14**	**Tue 11/11/14**
1612	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
1613	DTSC forward to CWG/TWG	1 day	Tue 9/9/14	Tue 9/9/14	Tue 9/9/14	Tue 9/9/14
1614	Agencies' direction #1 on Supplemental 90%	1 day	Tue 10/21/14	Tue 10/21/14	Tue 10/21/14	Tue 10/21/14
1615	Agencies' direction #2 on Supplemental 90%	1 day	Tue 12/23/14	Tue 12/23/14	Tue 12/23/14	Tue 12/23/14
1616	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
1617	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
1618	Tribal Consultation	163.38 edays	Wed 10/8/14	Fri 3/20/15	Wed 10/8/14	Fri 3/20/15
1619	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
1620	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
1621	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
1622	**Response to Comments and Comment Resolution**	**126 days**	**Fri 4/3/15**	**Fri 9/25/15**	**Fri 4/3/15**	**Fri 9/25/15**
1636	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
1637	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
1638	Prepare/submit Final Design Package	1 mon	Wed 10/21/15	Wed 11/18/15	Wed 10/21/15	Wed 11/18/15
1639	**Construction/Remedial Action Work Plan**	**423 days**	**Mon 4/7/14**	**Wed 11/18/15**	**Mon 4/7/14**	**Wed 11/18/15**
1649	**State CEQA Evaluation**	**776 days**	**Mon 4/13/15**	**Fri 3/30/18**	**Mon 4/13/15**	**NA**



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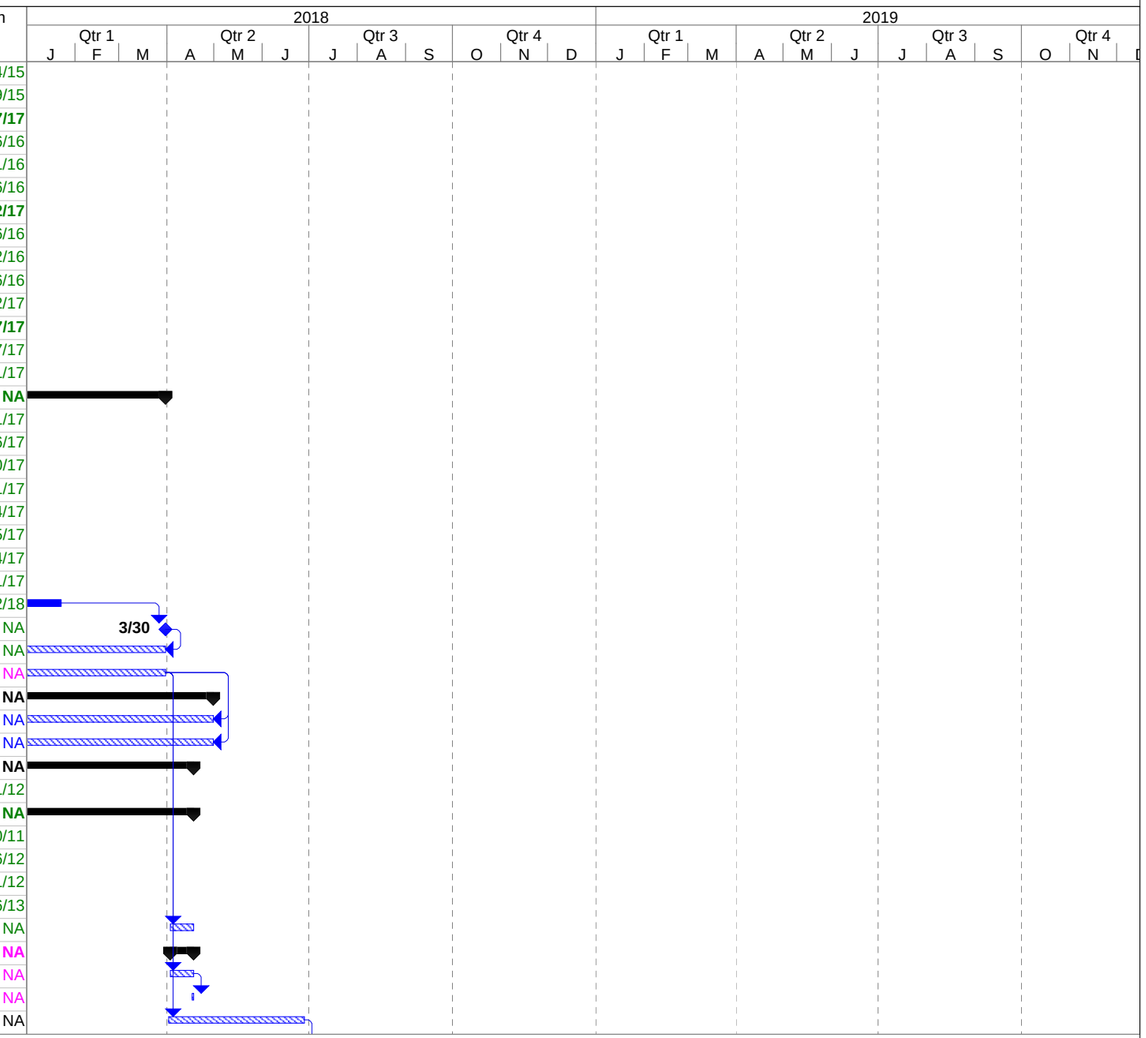
1650	Notice of Preparation	39 days	Mon 4/13/15	Thu 6/4/15	Mon 4/13/15	Thu 6/4/15
1651	Scoping Meetings	21 days	Tue 5/12/15	Tue 6/9/15	Tue 5/12/15	Tue 6/9/15
1652	**Preparation of Draft Subsequent EIR (SEIR)**	**387 days**	**Mon 9/7/15**	**Mon 2/27/17**	**Mon 9/7/15**	**Mon 2/27/17**
1653	Preparation of Project Description	126 days	Mon 9/7/15	Fri 2/26/16	Mon 9/7/15	Fri 2/26/16
1654	Prepare Admin Draft SEIR	72 days	Fri 4/1/16	Mon 7/11/16	Fri 4/1/16	Mon 7/11/16
1655	2nd Admin Draft SEIR	17.8 wks	Fri 6/24/16	Wed 10/26/16	Fri 6/24/16	Wed 10/26/16
1656	**Screencheck Draft SEIR**	**56 days**	**Thu 10/27/16**	**Thu 1/12/17**	**Thu 10/27/16**	**Thu 1/12/17**
1657	ESA Prepare Screencheck SEIR	3 wks	Thu 10/27/16	Wed 11/16/16	Thu 10/27/16	Wed 11/16/16
1658	DTSC Review Screencheck SEIR	2.4 wks	Thu 11/17/16	Fri 12/2/16	Thu 11/17/16	Fri 12/2/16
1659	ESA Address DTSC Comments on Screencheck SEIR	2 wks	Mon 12/5/16	Fri 12/16/16	Mon 12/5/16	Fri 12/16/16
1660	ESA Finalize/Print/Distribute Draft SEIR	3.8 wks	Mon 12/19/16	Thu 1/12/17	Mon 12/19/16	Thu 1/12/17
1661	**Draft SEIR Public Review**	**33 days**	**Thu 1/12/17**	**Mon 2/27/17**	**Thu 1/12/17**	**Mon 2/27/17**
1662	45-day Public Review	46.38 edays	Thu 1/12/17	Mon 2/27/17	Thu 1/12/17	Mon 2/27/17
1663	Public Meetings	2 days	Tue 1/31/17	Wed 2/1/17	Tue 1/31/17	Wed 2/1/17
1664	**Final EIR, Response to Comments (RTCs), Findings, MMRP**	**279 days**	**Tue 3/7/17**	**Fri 3/30/18**	**Tue 3/7/17**	**NA**
1665	Draft SEIR Comment Review and Categorization	3.8 wks	Tue 3/7/17	Fri 3/31/17	Tue 3/7/17	Fri 3/31/17
1666	ESA Prepare 1st Admin Draft Final SEIR	8 wks	Mon 4/3/17	Fri 5/26/17	Mon 4/3/17	Fri 5/26/17
1667	DTSC Review 1st Admin Draft Final SEIR	5 wks	Mon 5/29/17	Fri 6/30/17	Mon 5/29/17	Fri 6/30/17
1668	ESA Prepare 2nd Admin Draft Final SEIR	3 wks	Mon 7/3/17	Fri 7/21/17	Mon 7/3/17	Fri 7/21/17
1669	DTSC Review 2nd Admin Draft SEIR	2 wks	Mon 7/24/17	Fri 8/4/17	Mon 7/24/17	Fri 8/4/17
1670	ESA Prepare Screencheck Final SEIR/Findings	3 wks	Mon 8/7/17	Fri 8/25/17	Mon 8/7/17	Fri 8/25/17
1671	DTSC Review Screencheck Final SEIR/Findings	14.2 wks	Mon 8/28/17	Mon 12/4/17	Mon 8/28/17	Mon 12/4/17
1672	ESA Prepare Final SEIR for 30-day Circulation	2.6 wks	Tue 12/5/17	Thu 12/21/17	Tue 12/5/17	Thu 12/21/17
1673	30 Day Final SEIR Circulation	32.38 edays	Thu 12/21/17	Mon 1/22/18	Thu 12/21/17	Mon 1/22/18
1674	DTSC Certifies Final SEIR/ESA Files NOD	0 days	Fri 3/30/18	Fri 3/30/18	NA	NA
1675	DTSC reviews/approves Final Design and Construction/Remedial Action Work Plan	618 days	Thu 11/19/15	Fri 3/30/18	Thu 11/19/15	NA
1676	DOI reviews/approves Final Design and Construction/Remedial Action Work Plan	618 days	Thu 11/19/15	Fri 3/30/18	Thu 11/19/15	NA
1677	**ROWs/Easements/Access Agreements/Approvals/Compliance**	**1000.65 days**	**Tue 7/1/14**	**Mon 4/30/18**	**Tue 7/1/14**	**NA**
1678	Other Approvals and Compliance	47.65 mons	Tue 7/1/14	Mon 4/30/18	Tue 7/1/14	NA
1679	Landowner Agreements/Leasing/ROW Agreements	47.65 mons	Tue 7/1/14	Mon 4/30/18	Tue 7/1/14	NA
1680	**Community Outreach**	**1705 days**	**Fri 10/7/11**	**Wed 4/18/18**	**Fri 10/7/11**	**NA**
1681	Prepare/Issue Project Update Factsheet	4 mons	Fri 10/7/11	Tue 1/31/12	Fri 10/7/11	Tue 1/31/12
1682	**Community Outreach Activities (State)**	**1705 days**	**Fri 10/7/11**	**Tue 4/17/18**	**Fri 10/7/11**	**NA**
1683	Update mailing list	2.95 mons	Fri 10/7/11	Fri 12/30/11	Fri 10/7/11	Fri 12/30/11
1684	Conduct Community Survey	1.62 mons	Tue 1/31/12	Fri 3/16/12	Tue 1/31/12	Fri 3/16/12
1685	Conduct Community Interview	2 mons	Wed 4/25/12	Thu 6/21/12	Wed 4/25/12	Thu 6/21/12
1686	Prepare/Issue Community Outreach Plan	7.1 mons	Mon 3/19/12	Wed 1/16/13	Mon 3/19/12	Wed 1/16/13
1687	Prepare/Issue factsheet for Corrective Measures Implementation	15 edays	Mon 4/2/18	Tue 4/17/18	NA	NA
1688	**Outreach/Public Participation Activities (Federal)**	**11 days**	**Mon 4/2/18**	**Wed 4/18/18**	**NA**	**NA**
1689	Prepare/issue factsheet for Remedy Implementation	15 edays	Mon 4/2/18	Tue 4/17/18	NA	NA
1690	Open house (Needles, Golden Shore)	1 eday	Tue 4/17/18	Wed 4/18/18	NA	NA
1691	Project Contracting	3 mons	Mon 4/2/18	Wed 6/27/18	NA	NA



Project: PG&E Topock Remediation Project
Date: Fri 2/23/18

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

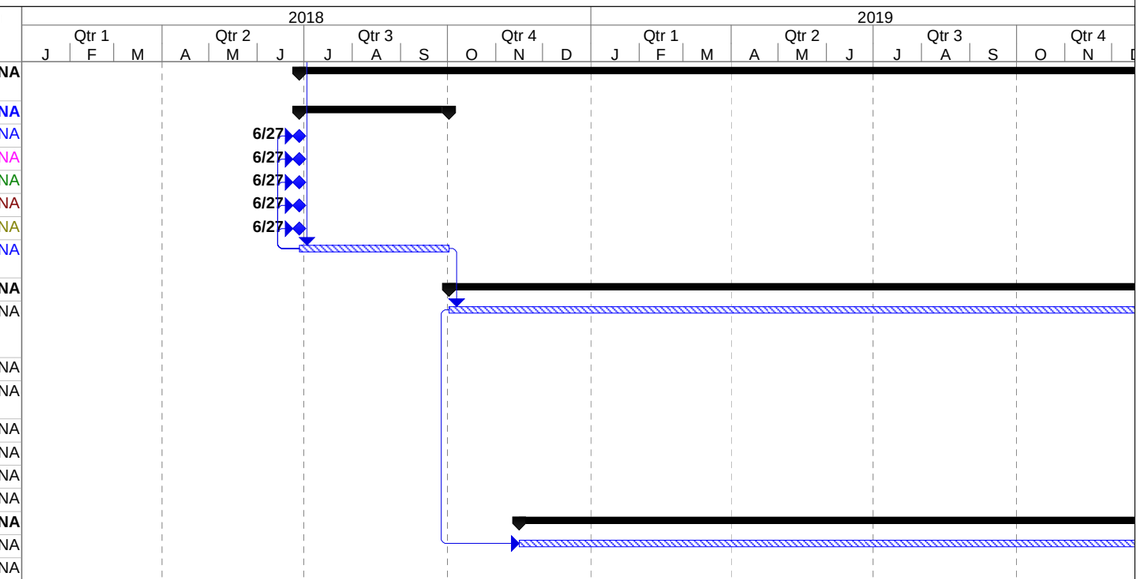
edays = calendar days; days = work days
Baseline Schedule is the 8/15/07 CWG Schedule (rev 1, 12/12/07).
*Timeframes shown are for planning purpose. Actual timeframes may vary.

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 9A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 37)
FEBRUARY 28, 2018 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish
1692	**Construction (this is a preliminary construction schedule for planning purposes only)**	**1361.6 days**	**Wed 6/27/18**	**Wed 9/13/23**	**NA**	**NA**
1693	**Pre-Construction**	**68 days**	**Wed 6/27/18**	**Mon 10/1/18**	**NA**	**NA**
1694	Stakeholder Attending Mobilization Kick-Off Meeting at Site	0 days	Wed 6/27/18	Wed 6/27/18	NA	NA
1695	Stakeholder Attending Mobilization Kick-Off Meeting at Site	0 days	Wed 6/27/18	Wed 6/27/18	NA	NA
1696	Stakeholder Attending Mobilization Kick-Off Meeting at Site	0 days	Wed 6/27/18	Wed 6/27/18	NA	NA
1697	Stakeholder Attending Mobilization Kick-Off Meeting at Site	0 days	Wed 6/27/18	Wed 6/27/18	NA	NA
1698	Stakeholder Attending Mobilization Kick-Off Meeting at Site	0 days	Wed 6/27/18	Wed 6/27/18	NA	NA
1699	Mobilization (Setup temp construction trailers, construction water, construction signage, prepare access roads, etc.)	96 edays	Wed 6/27/18	Mon 10/1/18	NA	NA
1700	**Construction and Start-up Activities**	**1293.6 days**	**Tue 10/2/18**	**Wed 9/13/23**	**NA**	**NA**
1701	Construct Construction Headquarters, Soil Processing Yard, and Phase 1 Components (NTH IRZ, MW-20 Bench Carbon Amendment, Carbon Storage, Remedy-produced Water Condition Plant, Power Supply, Wells)	25 mons	Tue 10/2/18	Fri 10/2/20	NA	NA
1702	Shut down IM, Commissioning, and Start-up IRZ	12 mons	Mon 10/5/20	Mon 9/20/21	NA	NA
1703	Construct Phase 2 Components Construction (Freshwater Injection System, Inner Recirculation Loop, and TCS Recirculation Loop, Wells)	12 mons	Tue 9/21/21	Wed 9/7/22	NA	NA
1704	Commissioning and Start-up Freshwater Injection	6 mons	Thu 9/8/22	Thu 3/2/23	NA	NA
1705	Start-up Inner Recirculation/TCS Loop	6 mons	Fri 3/3/23	Fri 8/25/23	NA	NA
1706	Start-up Complete/Start Full Remedy Operations	0 days	Mon 8/28/23	Mon 8/28/23	NA	NA
1707	Construction Close-out	12.6 mons	Thu 9/8/22	Wed 9/13/23	NA	NA
1708	**Reporting**	**905 days**	**Fri 11/16/18**	**Tue 5/3/22**	**NA**	**NA**
1709	Prepare/submit monthly construction progress reports	43.1 mons	Fri 11/16/18	Tue 5/3/22	NA	NA
1710	Start Operation and Maintenance	0 days	Tue 8/29/23	Tue 8/29/23	NA	NA



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