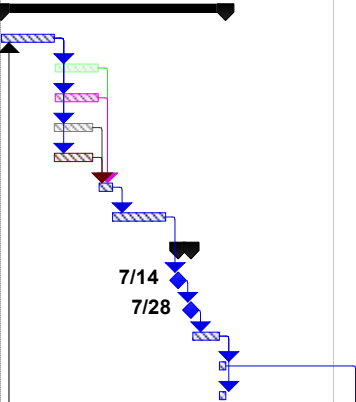


HANDOUT 12A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 50)
JUNE 22, 2022 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2021			2022				2023				2024					
							Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2
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)	7213 days?	Sat 2/24/96	Mon 9/4/23	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	Site History Report (Vol 1)	466 days	Tue 11/15/05	Wed 8/15/07	Tue 11/15/05	Wed 8/15/07																	
284	RFI/RI Vol 1 Addendum	1829 days	Wed 7/11/07	Tue 7/8/14	Wed 7/11/07	Tue 7/8/14																	
306	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	Final Soil RFI/RI (Vol 3)	4486 days?	Sat 7/15/06	Mon 9/4/23	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																	
978	Reporting	1623 days?	Tue 6/20/17	Mon 9/4/23	Tue 6/20/17	NA																	
979	Soil Risk Assessment	770 days	Tue 6/20/17	Fri 5/29/20	Tue 6/20/17	Fri 5/29/20																	
1002	Soil Risk Assessment Addendum (After Completion of Soil NTCRA)	176 days	Mon 1/2/23	Mon 9/4/23	NA	NA																	
1003	PG&E prepares/submits Soil Risk Assessment Addendum Report	2 mons	Mon 1/2/23	Tue 2/28/23	NA	NA																	
1004	DTSC review/comment	47 edays	Wed 3/1/23	Mon 4/17/23	NA	NA																	
1005	DOI review/comment	47 edays	Wed 3/1/23	Mon 4/17/23	NA	NA																	
1006	CWG/TWG review/comment	30 days	Wed 3/1/23	Tue 4/11/23	NA	NA																	
1007	Tribes review/comment	30 days	Wed 3/1/23	Tue 4/11/23	NA	NA																	
1008	Review/compile Comment Table	15 edays	Tue 4/18/23	Wed 5/3/23	NA	NA																	
1009	Prepare/send RTC Table (duration to be verified)	2 mons	Thu 5/4/23	Fri 6/30/23	NA	NA																	
1010	RTC Meeting	10 days	Fri 7/14/23	Fri 7/28/23	NA	NA																	
1011	Send agenda (2 wks prior to meeting)	0 days	Fri 7/14/23	Fri 7/14/23	NA	NA																	
1012	Hold Meeting	0 days	Fri 7/28/23	Fri 7/28/23	NA	NA																	
1013	Finalize/Submit Final Soil Risk Assessment Addendum Report with RTC Table	1 mon	Mon 7/31/23	Mon 8/28/23	NA	NA																	
1014	DTSC review/accept report	1 wk	Tue 8/29/23	Mon 9/4/23	NA	NA																	
1015	DOI review/accept report	1 wk	Tue 8/29/23	Mon 9/4/23	NA	NA																	
1016	RFI/RI Volume 3	1375 days?	Fri 7/28/17	Mon 10/31/22	Fri 7/28/17	NA																	
1017	Draft RFI/RI Volume 3 Report	881 days	Fri 7/28/17	Thu 12/10/20	Fri 7/28/17	Thu 12/10/20																	
1029	Revised RFI/RI Volume 3 Report	312 days?	Fri 12/11/20	Thu 2/17/22	Fri 12/11/20	Thu 2/17/22																	
1030	Prepare Revised RFI Volume 3 with RTC Table	5.86 mons	Fri 12/11/20	Mon 5/31/21	Fri 12/11/20	Mon 5/31/21																	
1031	DTSC sends report to CWG/TWG and Tribes	1 day	Tue 6/1/21	Tue 6/1/21	Tue 6/1/21	Tue 6/1/21																	



Project: PG&E Topock Remediation Project
Date: Fri 6/17/22

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Tasks Not Started/In Progress

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

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edays = calendar days; days = work days
Baseline Schedule is the 8/15/07 CWG Schedule (rev 1, 12/12/07).
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Color Coding:

PG&E Federal Agencies CWG/TWG Public
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HANDOUT 12A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 50)
JUNE 22, 2022 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2021				2022				2023				2024					
							Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	
1032	CWG/TWG review/comment	91.38 edays	Tue 6/1/21	Tue 8/31/21	Tue 6/1/21	Tue 8/31/21																		
1033	Tribes review/comment	91.38 edays	Tue 6/1/21	Tue 8/31/21	Tue 6/1/21	Tue 8/31/21																		
1034	DTSC review/comment	115.38 edays	Tue 6/1/21	Fri 9/24/21	Tue 6/1/21	Fri 9/24/21																		
1035	DOI review/comment	115.38 edays	Tue 6/1/21	Fri 9/24/21	Tue 6/1/21	Fri 9/24/21																		
1036	Review/compile Comment Table	25.38 edays	Mon 9/27/21	Fri 10/22/21	Mon 9/27/21	Fri 10/22/21																		
1037	Prepare/send RTC Table	2 mons	Mon 10/25/21	Mon 12/20/21	Mon 10/25/21	Mon 12/20/21																		
1038	RTC Meeting	12 days?	Wed 1/26/22	Thu 2/10/22	Wed 1/19/22	Thu 2/17/22																		
1039	Send agenda (2 wks prior to meeting)	1 day	Wed 1/19/22	Wed 1/19/22	Wed 1/19/22	Wed 1/19/22																		
1040	Hold Meeting #1	1 day	Wed 2/9/22	Wed 2/9/22	Wed 2/9/22	Wed 2/9/22																		
1041	Hold Meeting #2	1 day	Thu 2/10/22	Thu 2/10/22	Thu 2/10/22	Thu 2/10/22																		
1042	Hold Meeting #3	1 day	Thu 2/17/22	Thu 2/17/22	Thu 2/17/22	Thu 2/17/22																		
1043	Finalize report	7.62 mons	Mon 2/21/22	Fri 9/30/22	Mon 2/21/22	NA																		
1044	DTSC review/approve	1 mon	Mon 10/3/22	Mon 10/31/22	NA	NA																		
1045	DOI review/approve	1 mon	Mon 10/3/22	Mon 10/31/22	NA	NA																		
1046	SOIL NON-TIME CRITICAL REMOVAL ACTION (NTCRA)	1302 days	Tue 10/30/18	Fri 10/20/23	Tue 10/30/18	NA																		
1047	DOI's Approval Memorandum for an Engineering Evaluation/Cost Analysis (EE/CA)	0 days	Tue 10/30/18	Tue 10/30/18	Tue 10/30/18	Tue 10/30/18																		
1048	PG&E prepares Draft Soil EE/CA	414 days	Wed 10/31/18	Fri 5/29/20	Wed 10/31/18	Fri 5/29/20																		
1049	BLM sends package to Tribes for Consultation	0 days	Wed 6/3/20	Wed 6/3/20	Wed 6/3/20	Wed 6/3/20																		
1050	Tribal Consultation	254.38 edays	Wed 6/3/20	Fri 2/12/21	Wed 6/3/20	Fri 2/12/21																		
1051	Public Review	63.38 edays	Wed 6/3/20	Wed 8/5/20	Wed 6/3/20	Wed 8/5/20																		
1052	DOI responds to comments received on the Draft Soil EE/CA	50 days	Mon 2/15/21	Fri 4/23/21	Mon 2/15/21	Fri 4/23/21																		
1053	DOI prepares Responsiveness Summary	67.38 edays	Mon 2/15/21	Fri 4/23/21	Mon 2/15/21	Fri 4/23/21																		
1054	PG&E finalizes EE/CA	67.38 edays	Mon 2/15/21	Fri 4/23/21	Mon 2/15/21	Fri 4/23/21																		
1055	DOI prepares Action Memorandum	8.14 mons	Mon 2/15/21	Mon 10/11/21	Mon 2/15/21	Mon 10/11/21																		
1056	DOI approved Action Memorandum	0 days	Tue 10/12/21	Tue 10/12/21	Tue 10/12/21	Tue 10/12/21																		
1057	PG&E submits Non-time Critical Removal (NTCRA) Work Plan	1 day	Fri 10/29/21	Fri 10/29/21	Fri 10/29/21	Fri 10/29/21																		
1058	BLM sends NTCRA Work Plan to Tribes	2 edays	Mon 11/1/21	Wed 11/3/21	Mon 11/1/21	Wed 11/3/21																		
1059	Tribal Consultation	48 edays	Wed 11/3/21	Tue 12/21/21	Wed 11/3/21	Tue 12/21/21																		
1060	DTSC and Stakeholders review/comment	57 edays	Mon 11/1/21	Tue 12/28/21	Mon 11/1/21	Tue 12/28/21																		
1061	DOI review/comment	49.38 edays	Mon 11/1/21	Mon 12/20/21	Mon 11/1/21	Mon 12/20/21																		
1062	PG&E compiles comments/prepares RTCs	87.38 edays	Tue 12/28/21	Fri 3/25/22	Tue 12/28/21	Fri 3/25/22																		
1063	Tribes review RTCs	2.6 wks	Fri 3/25/22	Wed 4/13/22	Fri 3/25/22	Wed 4/13/22																		
1064	DTSC and Stakeholders review RTCs	12 days	Fri 3/25/22	Tue 4/12/22	Fri 3/25/22	Tue 4/12/22																		
1065	Meeting to discuss RTCs	1 day	Tue 4/26/22	Tue 4/26/22	Tue 4/26/22	Tue 4/26/22																		
1066	Meeting to discuss RTCs	1 day	Thu 5/5/22	Thu 5/5/22	Thu 5/5/22	Thu 5/5/22																		
1067	PG&E Submits Redline RTCs	1 day	Tue 5/24/22	Tue 5/24/22	Tue 5/24/22	Tue 5/24/22																		
1068	FMIT provide input to RTC Table	1 day	Fri 6/3/22	Fri 6/3/22	Fri 6/3/22	Fri 6/3/22																		
1069	Quechan Tribe concur with FMIT comments	1 day	Mon 6/6/22	Mon 6/6/22	Mon 6/6/22	Mon 6/6/22																		
1070	PG&E addresses comments/finalizes NTCRA Work Plan	38 days	Wed 4/27/22	Fri 6/17/22	Wed 4/27/22	NA																		
1071	DOI reviews/approves NTCRA Work Plan	1 day	Fri 6/17/22	Fri 6/17/22	NA	NA																		
1072	PG&E implements NTCRA Work Plan (duration to be verified after approval of work plan)	135 days	Mon 6/27/22	Fri 12/30/22	NA	NA																		
1073	Stake corners of Target Action Areas	3 days	Mon 6/27/22	Wed 6/29/22	NA	NA																		
1074	Project Initiation Meeting - Online	1 day	Wed 7/6/22	Wed 7/6/22	NA	NA																		

Project: PG&E Topock Remediation Project
Date: Fri 6/17/22

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Tasks Not Started/In Progress 
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JUNE 22, 2022 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2021			2022				2023				2024					
							Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2
1075	Project Initiation Meeting - Face-to-Face	1 day	Wed 7/13/22	Wed 7/13/22	NA	NA																	
1076	Collect Soil Samples for waste profiling, XRF/Lab Data comparison, and Dioxin Furan lab comparison	2 days	Wed 7/13/22	Thu 7/14/22	NA	NA																	
1077	Mobilization	8 days	Wed 7/13/22	Fri 7/22/22	NA	NA																	
1078	Soil Removal Activities	115 days	Mon 7/25/22	Fri 12/30/22	NA	NA																	
1079	PG&E prepares/submits the NTCRA Completion Report (incorporate results from the Soil Risk Assessment Addendum Report)	9 mons	Mon 1/2/23	Thu 9/21/23	NA	NA																	
1080	DOI review/accept report	1 mon	Fri 9/22/23	Fri 10/20/23	NA	NA																	
1081	GROUNDWATER CORRECTIVE MEASURES/REMEDIAL ALTERNATIVE DEVELOPMENT	2835 days	Mon 3/29/04	Wed 12/31/14	Mon 3/29/04	Wed 12/31/14																	
1229	CORRECTIVE MEASURE STUDY/FEASIBILITY STUDY (CMS/FS) AND RISK ASSESSMENT	5781 days	Mon 12/16/02	Fri 12/27/24	Mon 12/16/02	NA																	
1230	CMS Work Plan	1465 days	Mon 12/16/02	Tue 6/24/08	Mon 12/16/02	Tue 6/24/08																	
1249	Risk Evaluation - Scoping and CSM	2326 days	Tue 10/31/06	Tue 9/15/15	Tue 10/31/06	Tue 9/15/15																	
1333	CMS/FS Report	4278 days	Mon 8/18/08	Fri 12/27/24	Mon 8/18/08	NA																	
1334	Groundwater	350 days	Mon 8/18/08	Fri 12/18/09	Mon 8/18/08	Fri 12/18/09																	
1393	Soil CMS/FS (duration to be verified after completion of RFI/RI)	564 days	Tue 11/1/22	Fri 12/27/24	NA	NA																	
1394	Prepare Draft Soil CMS/FS Report	394 days	Tue 11/1/22	Fri 5/3/24	NA	NA																	
1395	Prepare Discussion Draft Soil CMS/FS Report	308 days	Tue 11/1/22	Thu 1/4/24	NA	NA																	
1396	PG&E outreach with Tribes	1 mon	Fri 1/5/24	Fri 2/2/24	NA	NA																	
1397	PG&E submits Draft Soil CMS/FS	2 wks	Mon 2/5/24	Fri 2/16/24	NA	NA																	
1398	DTSC send Draft Soil CMS/FS to CWG/TWG	0 days	Fri 2/16/24	Fri 2/16/24	NA	NA																	
1399	BLM sends package to Tribes for Consultation	3 days	Mon 2/19/24	Wed 2/21/24	NA	NA																	
1400	DTSC review and comment	74 edays	Mon 2/19/24	Fri 5/3/24	NA	NA																	
1401	DOI review and comment	74 edays	Mon 2/19/24	Fri 5/3/24	NA	NA																	
1402	CWG/TWG review and comment	60 edays	Mon 2/19/24	Fri 4/19/24	NA	NA																	
1403	Tribal Consultation	60 edays	Thu 2/22/24	Mon 4/22/24	NA	NA																	
1404	SHPO for information only	1 day	Thu 2/22/24	Thu 2/22/24	NA	NA																	
1405	Response to Comments/Prepare Final Soil CMS/FS Report (duration to be verified after receipt of comments)	170 days	Mon 5/6/24	Fri 12/27/24	NA	NA																	
1406	Review/compile Comment Table	1 mon	Mon 5/6/24	Mon 6/3/24	NA	NA																	
1407	Comment clarification meeting	0 days	Fri 5/10/24	Fri 5/10/24	NA	NA																	
1408	Prepare/send RTC Table	2 mons	Tue 6/4/24	Wed 7/31/24	NA	NA																	
1409	RTC Meeting	23 days	Wed 7/31/24	Mon 9/2/24	NA	NA																	
1410	Send agenda (2 wks prior to meeting)	0 days	Wed 7/31/24	Wed 7/31/24	NA	NA																	
1411	Hold Multiple Meetings	13 days	Thu 8/15/24	Mon 9/2/24	NA	NA																	
1412	Prepare Final Soil CMS/FS Report	3 mons	Tue 9/3/24	Thu 11/28/24	NA	NA																	
1413	DTSC review and concur	1 mon	Fri 11/29/24	Fri 12/27/24	NA	NA																	
1414	DOI review and concur	1 mon	Fri 11/29/24	Fri 12/27/24	NA	NA																	
1415	CEQA Evaluation (Place Holder Item only. Details including duration will be provided after the prior steps are better defined))	3 mons	Mon 12/30/24	Wed 3/26/25	NA	NA																	
1416	STATEMENT OF BASIS	4040 days	Mon 1/4/10	Tue 6/17/25	Mon 1/4/10	NA																	
1417	Groundwater	284 days	Mon 1/4/10	Mon 1/31/11	Mon 1/4/10	Mon 1/31/11																	
1424	Soil	121 days	Tue 12/31/24	Tue 6/17/25	NA	NA																	
1425	Prepare fact sheet for proposed remedy	1 mon	Tue 12/31/24	Tue 1/28/25	NA	NA																	
1426	Prepare public notice package/Statement of Basis	2 mons	Mon 1/6/25	Tue 3/4/25	NA	NA																	

Project: PG&E Topock Remediation Project
Date: Fri 6/17/22

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Tasks Not Started/In Progress

Tasks Finished

Baseline Schedule

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							Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4		
1427	Public Notice/Comment Period	46 edays	Wed 3/5/25	Sun 4/20/25	NA	NA																	
1428	Public Hearing	15 edays	Tue 3/18/25	Wed 4/2/25	NA	NA																	
1429	Prepare Responsiveness Summary	2 mons	Mon 4/21/25	Tue 6/17/25	NA	NA																	
1430	DTSC adopts final remedy	0 days	Tue 6/17/25	Tue 6/17/25	NA	NA																	
1431	RECORD OF DECISION	4144 days	Fri 12/18/09	Fri 10/24/25	Fri 12/18/09	NA																	
1432	Groundwater	288 days	Fri 12/18/09	Thu 1/20/11	Fri 12/18/09	Thu 1/20/11																	
1443	Soil	215 days	Fri 12/27/24	Fri 10/24/25	NA	NA																	
1444	Develop Proposed Plan	60 edays	Fri 12/27/24	Tue 2/25/25	NA	NA																	
1445	Prepare factsheet	60 edays	Fri 12/27/24	Tue 2/25/25	NA	NA																	
1446	Tribal Consultation	60 edays	Wed 2/26/25	Sun 4/27/25	NA	NA																	
1447	Public Review and Comment	45 edays	Wed 2/26/25	Sat 4/12/25	NA	NA																	
1448	CWG Review and Comment	45 edays	Wed 2/26/25	Sat 4/12/25	NA	NA																	
1449	PG&E Review and Comment	45 edays	Wed 2/26/25	Sat 4/12/25	NA	NA																	
1450	Prepare ROD and Responsiveness Summary	119 edays	Sun 4/27/25	Sun 8/24/25	NA	NA																	
1451	DOI Approval Process	60 edays	Sun 8/24/25	Thu 10/23/25	NA	NA																	
1452	Issue Soil ROD	1 day	Fri 10/24/25	Fri 10/24/25	NA	NA																	
1453	Section 106 Programmatic Agreement (PA)	1858 days	Fri 10/10/08	Wed 11/18/15	Fri 10/10/08	NA																	
1486	EIR DOCUMENTATION	1449 days	Thu 9/1/05	Wed 3/2/11	Thu 9/1/05	Wed 3/2/11																	
1559	DESIGN, PERMITTING, AND CONSTRUCTION OF GROUNDWATER REMEDY	1889 days	Mon 1/31/11	Tue 4/24/18	Mon 1/31/11	Tue 4/24/18																	
1560	Corrective Measure Implementation/Remedial Design (CMI/RD) Workplan	199 days	Mon 1/31/11	Thu 11/3/11	Mon 1/31/11	Thu 11/3/11																	
1574	Remedial Design (Preliminary, Intermediate, and Pre-Final/Final)	1723 days	Tue 9/20/11	Tue 4/24/18	Tue 9/20/11	Tue 4/24/18																	
1747	Community Outreach	1710 days	Fri 10/7/11	Tue 4/24/18	Fri 10/7/11	Tue 4/24/18																	
1757	Project Contracting	2.9 mons	Wed 4/4/18	Wed 6/27/18	Wed 4/4/18	Wed 6/27/18																	
1758	Construction (this is a preliminary construction schedule for planning purposes)	2014 days?	Wed 6/27/18	Wed 3/11/26	Wed 6/27/18	NA																	
1759	Phase 1 Pre-Construction	68 days	Wed 6/27/18	Sun 9/30/18	Wed 6/27/18	Sun 9/30/18																	
1766	Construction and Start-up Activities	1921 days?	Tue 10/2/18	Thu 2/5/26	Tue 10/2/18	NA																	
1767	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 10/2/18	Tue 10/2/18	Tue 10/2/18	Tue 10/2/18																	
1768	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 10/2/18	Tue 10/2/18	Tue 10/2/18	Tue 10/2/18																	
1769	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 10/2/18	Tue 10/2/18	Tue 10/2/18	Tue 10/2/18																	
1770	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 10/2/18	Tue 10/2/18	Tue 10/2/18	Tue 10/2/18																	
1771	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 10/2/18	Tue 10/2/18	Tue 10/2/18	Tue 10/2/18																	
1772	Major Phase 1 Construction Activities including Start-up	979 days	Thu 10/4/18	Thu 6/30/22	Thu 10/4/18	NA																	
1773	Build Construction Headquarters	9.67 mons	Thu 10/4/18	Fri 7/12/19	Thu 10/4/18	Fri 7/12/19																	
1774	Build Soil Processing Yard	11.1 mons	Mon 11/12/18	Tue 10/1/19	Mon 11/12/18	Tue 10/1/19																	
1775	Install Pilot Borings, Monitoring Wells, and Remediation Wells	25 mons	Fri 11/2/18	Wed 11/4/20	Fri 11/2/18	Wed 11/4/20																	
1776	Build IRZ Ring Road	5 mons	Wed 4/17/19	Tue 9/10/19	Wed 4/17/19	Tue 9/10/19																	
1777	Install Remedy Pipelines	29 mons	Mon 2/4/19	Wed 6/2/21	Mon 2/4/19	Wed 6/2/21																	
1778	Install Remedy Facilities on the MW-20 Bench	567 days	Mon 12/16/19	Fri 2/11/22	Mon 12/16/19	Fri 2/11/22																	
1779	Install Electrical and Control System	790 days	Wed 1/30/19	Fri 2/4/22	Wed 1/30/19	Fri 2/4/22																	
1780	System Integration and Functional Testing	95 edays	Mon 11/8/21	Fri 2/11/22	Mon 11/8/21	NA																	
1781	Conduct Testing Activities (Loop Check, Initial Testing, etc.)	136.38 edays	Mon 11/8/21	Thu 3/24/22	Mon 11/8/21	Thu 3/24/22																	
1782	First Ethanol Injection (earliest date, corresponds with 1st day of IRZ Start-Up, Line 1772)	0 days	Wed 12/22/21	Wed 12/22/21	Wed 12/22/21	Wed 12/22/21																	
1783	IRZ and Remedy-produced Water Conditioning System Start-up and Initial Operation	148 days	Tue 12/7/21	Thu 6/30/22	Tue 12/7/21	NA																	

Project: PG&E Topock Remediation Project
Date: Fri 6/17/22

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Tasks Not Started/In Progress

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

Major Assumptions
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HANDOUT 12A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 50)
JUNE 22, 2022 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2021				2022				2023				2024				Qtr 1	Qtr 2
							Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4			
1784	Shutdown IM3/First Injection of Ethanol	2 days?	Mon 12/20/21	Tue 12/21/21	Mon 12/20/21	Wed 6/1/22																		
1785	PG&E sends an email to inform DTSC and DOI that IM3 is ready to be shutdown	0 days	Mon 12/20/21	Mon 12/20/21	Mon 12/20/21	Mon 12/20/21																		
1786	DTSC approves IM3 shutdown	0 days	Mon 12/20/21	Mon 12/20/21	Mon 12/20/21	Mon 12/20/21																		
1787	DOI provides concurrence for IM3 shutdown	0 days	Tue 12/21/21	Tue 12/21/21	Tue 12/21/21	Tue 12/21/21																		
1788	IM3 Extraction Wells Shutdown	1 day	Tue 12/21/21	Tue 12/21/21	Tue 12/21/21	Tue 12/21/21																		
1789	Preparation for IM3 Layup	66 days	Mon 12/20/21	Mon 3/21/22	Mon 12/20/21	Mon 3/21/22																		
1790	Prepare/Submit Completion Report	52 days	Tue 3/22/22	Wed 6/1/22	Tue 3/22/22	Wed 6/1/22																		
1791	Phase 2A Planning/Contracting	30 days	Wed 1/19/22	Tue 3/1/22	Wed 1/19/22	Tue 3/1/22																		
1792	Phase 2A Construction Mobilization	16 days	Mon 2/14/22	Mon 3/7/22	Mon 2/14/22	Mon 3/7/22																		
1793	Project Initiation Meeting - Online	1 day	Wed 2/23/22	Wed 2/23/22	Wed 2/23/22	Wed 2/23/22																		
1794	Project Initiation Meeting - Face-to-Face	1 day	Wed 3/2/22	Wed 3/2/22	Wed 3/2/22	Wed 3/2/22																		
1795	Mobilization	16 days	Mon 2/14/22	Mon 3/7/22	Mon 2/14/22	Mon 3/7/22																		
1796	Major Phase 2A Construction Activities	298 days	Tue 3/8/22	Thu 4/27/23	Tue 3/8/22	NA																		
1797	Well Installation	244 days	Tue 3/8/22	Fri 2/10/23	Tue 3/8/22	NA																		
1798	Install FW-2 and Remediation Wells (TCS-1, TCS-2, TWB-1, TW-2 or TW-3, ER-1	120 days	Tue 3/8/22	Mon 8/22/22	Tue 3/8/22	NA																		
1799	Install Arsenic Monitoring Wells (MW-HH, MW-II)	80 days	Tue 8/23/22	Mon 12/12/22	NA	NA																		
1800	Well Buildout (RB-5, TCS-1, 2, ER-6, TW-1, 2 or 3 full build-out; RB-2, 3, 4 civil/ mechanical only, ER-1, 2 civil only)	86 days	Fri 10/14/22	Fri 2/10/23	NA	NA																		
1801	Pipeline Installation	186 days	Mon 4/4/22	Mon 12/19/22	Mon 4/4/22	NA																		
1802	Inside TCS	186 days	Mon 4/4/22	Mon 12/19/22	Mon 4/4/22	NA																		
1803	Outside TCS	119 days	Tue 7/5/22	Fri 12/16/22	NA	NA																		
1804	Site Electrical and I&C	73 days	Tue 12/20/22	Thu 3/30/23	NA	NA																		
1805	System Integration and Functional Testing	67 days	Wed 1/25/23	Thu 4/27/23	NA	NA																		
1806	Start-up Phase 2A Components	0 days	Thu 4/27/23	Thu 4/27/23	NA	NA																		
1807	Phase 2B Planning/Contracting	4.4 mons	Fri 4/28/23	Tue 9/5/23	NA	NA																		
1808	Phase 2B Construction Mobilization	19 days	Tue 9/5/23	Mon 10/2/23	NA	NA																		
1809	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 9/5/23	Tue 9/5/23	NA	NA																		
1810	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 9/5/23	Tue 9/5/23	NA	NA																		
1811	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 9/5/23	Tue 9/5/23	NA	NA																		
1812	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 9/5/23	Tue 9/5/23	NA	NA																		
1813	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 9/5/23	Tue 9/5/23	NA	NA																		
1814	Mobilization	27 edays	Tue 9/5/23	Mon 10/2/23	NA	NA																		
1815	Major Phase 2B Construction Activities	608 days	Tue 10/3/23	Thu 1/29/26	NA	NA																		
1816	California Remedy Facilities	553 days	Tue 10/3/23	Thu 11/13/25	NA	NA																		
1817	Access Roads Preparation (IRL-2, IRL-4, and road to BCW)	92 days	Fri 10/6/23	Mon 2/12/24	NA	NA																		
1818	Well Installation	471 days	Tue 10/3/23	Tue 7/22/25	NA	NA																		
1819	Install Upland MWs (MW-P, Q, I, J, MW-AA, BB, CC, DD, EE, FF, and GG)	291 days	Tue 10/3/23	Tue 11/12/24	NA	NA																		
1820	Install FW-1 and Remediation Wells (ER-3, ER-4, IRL-1, 2, 3, and 4)	182 days	Tue 10/3/23	Wed 6/12/24	NA	NA																		
1821	Well Buildout - CA (RB-2, 3, 4, ER-1, 2 complete build-out [from Phase 2A], ER-3, 4, IRL-1, 2, 3, 4 full build-out)	44 days	Thu 5/22/25	Tue 7/22/25	NA	NA																		
1822	Pipeline Installation - California	286 days	Thu 4/25/24	Thu 5/29/25	NA	NA																		
1823	Remaining Facilities in TCS and MW-20 Bench	471 days	Tue 10/3/23	Tue 7/22/25	NA	NA																		
1824	Site Electrical and I&C	120 days	Fri 5/30/25	Thu 11/13/25	NA	NA																		
1825	Arizona Remedy Facilities	187 days	Mon 10/30/23	Tue 7/16/24	NA	NA																		

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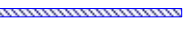
HANDOUT 12A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 50)
JUNE 22, 2022 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2021			2022				2023				2024					
							Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2
1826	Well Buildout - AZ (HNWR-1A) including electrical hook-up/I&C/site improvements	67 days	Mon 4/15/24	Tue 7/16/24	NA	NA																	
1827	Pipeline Installation - Arizona	120 days	Mon 10/30/23	Fri 4/12/24	NA	NA																	
1828	System Integration and Functional Testing	121 days	Thu 8/14/25	Thu 1/29/26	NA	NA																	
1829	Start-up Phase 2B Components	0 days	Thu 1/29/26	Thu 1/29/26	NA	NA																	
1830	Start-up Complete/Start Full Remedy Operations	1 day	Thu 1/29/26	Thu 1/29/26	NA	NA																	
1831	Construction Demobization	6 days	Thu 1/29/26	Thu 2/5/26	NA	NA																	
1832	Reporting	1911 days	Mon 11/19/18	Wed 3/11/26	NA	NA																	
1833	Prepare/submit monthly construction progress reports	91 mons	Mon 11/19/18	Wed 3/11/26	NA	NA																	
1834	Start Operation and Maintenance	0 days	Thu 1/29/26	Thu 1/29/26	NA	NA																	

Project: PG&E Topock Remediation Project
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Tasks Not Started/In Progress



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



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HANDOUT 12A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 50)
JUNE 22, 2022 CWG MEETING

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HANDOUT 12A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 50)
JUNE 22, 2022 CWG MEETING



Project: PG&E Topock Remediation Project
Date: Fri 6/17/22

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Tasks Not Started/In Progress

Tasks Finished

Baseline Schedule

Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Overall Task Duration

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

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PG&E

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HANDOUT 12A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 50)
JUNE 22, 2022 CWG MEETING

[illegible]

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HANDOUT 12A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 50)
JUNE 22, 2022 CWG MEETING

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Project: PG&E Topock Remediation Project

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Baseline Schedule

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