



# HANDOUT 9A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 42) NOVEMBER 6, 2019 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2018				2019				2020				2021				2022				2023			
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
998	<b>RFI/RI Volume 3</b>	813 days	Fri 7/28/17	Mon 9/7/20	Fri 7/28/17	NA																								
999	Prepare Draft RFI/RI Vol 3 Report	29.43 mons	Fri 7/28/17	Mon 12/9/19	Fri 7/28/17	NA																								
1000	DTSC sends report to CWG/TWG and Tribes	1 day	Tue 12/10/19	Tue 12/10/19	NA	NA																								
1001	CWG/TWG review/comment	80 edays	Tue 12/10/19	Fri 2/28/20	NA	NA																								
1002	Tribes review/comment	80 edays	Tue 12/10/19	Fri 2/28/20	NA	NA																								
1003	DTSC review/comment	97 edays	Tue 12/10/19	Mon 3/16/20	NA	NA																								
1004	DOI review/comment	97 edays	Tue 12/10/19	Mon 3/16/20	NA	NA																								
1005	Review/compile Comment Table (duration will be verified after receipt of comments and directives)	31 edays	Tue 3/17/20	Fri 4/17/20	NA	NA																								
1006	DTSC/DOI/PG&E hold comment clarification meeting (date is tentative)	0 days	Wed 3/18/20	Wed 3/18/20	NA	NA																								
1007	Prepare/send RTC Table (duration will be verified after receipt of comments)	4 wks	Tue 4/21/20	Mon 5/18/20	NA	NA																								
1008	<b>RTC Meeting</b>	10 days	Mon 5/25/20	Mon 6/8/20	NA	NA																								
1009	Send agenda (2 wks prior to meeting)	0 days	Mon 5/25/20	Mon 5/25/20	NA	NA																								
1010	Hold Meeting	0 days	Mon 6/8/20	Mon 6/8/20	NA	NA																								
1011	Prepare Revised RFI Volume 3 with RTC Table (duration is estimated, to be verified after completion of RTCs)	2 mons	Wed 6/10/20	Thu 8/6/20	NA	NA																								
1012	DTSC review/approve Revised RFI/RI Vol. 3 Report	1 mon	Mon 8/10/20	Mon 9/7/20	NA	NA																								
1013	DOI review/approve Revised RFI/RI Vol. 3 Report	1 mon	Mon 8/10/20	Mon 9/7/20	NA	NA																								
1014	<b>GROUNDWATER CORRECTIVE MEASURES/REMEDIAL ALTERNATIVE DEVELOPMENT</b>	2835 days	Mon 3/29/04	Wed 12/31/14	Mon 3/29/04	Wed 12/31/14																								
1162	<b>CORRECTIVE MEASURE STUDY/FEASIBILITY STUDY (CMS/FS) AND RISK ASSESSMENT</b>	4885 days	Mon 12/16/02	Fri 7/23/21	Mon 12/16/02	NA																								
1344	<b>STATEMENT OF BASIS</b>	3130.6 days	Mon 1/4/10	Thu 12/23/21	Mon 1/4/10	NA																								
1359	<b>RECORD OF DECISION</b>	3231 days	Fri 12/18/09	Wed 4/27/22	Fri 12/18/09	NA																								
1382	<b>Section 106 Programmatic Agreement (PA)</b>	1858 days	Fri 10/10/08	Wed 11/18/15	Fri 10/10/08	NA																								
1415	<b>EIR DOCUMENTATION</b>	1449 days	Thu 9/1/05	Wed 3/2/11	Thu 9/1/05	Wed 3/2/11																								
1488	<b>DESIGN, PERMITTING, AND CONSTRUCTION OF GROUNDWATER REMEDY</b>	1889 days	Mon 1/31/11	Tue 4/24/18	Mon 1/31/11	Tue 4/24/18																								
1489	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																								
1503	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																								
1504	Preliminary Design	174 days	Tue 9/20/11	Thu 5/17/12	Tue 9/20/11	Thu 5/17/12																								
1516	Intermediate Design	501 days	Fri 5/18/12	Fri 4/18/14	Fri 5/18/12	Fri 4/18/14																								
1545	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																								
1584	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																								
1585	Prepare/submit Field Verification Report	28 days	Mon 9/15/14	Wed 10/22/14	Mon 9/15/14	Wed 10/22/14																								
1586	Survey of Archaeological/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																								
1587	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																								
1588	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																								
1589	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																								
1638	Construction/Remedial Action Work Plan	423 days	Mon 4/7/14	Wed 11/18/15	Mon 4/7/14	Wed 11/18/15																								
1648	State CEQA Evaluation	793 days	Mon 4/13/15	Tue 4/24/18	Mon 4/13/15	Tue 4/24/18																								
1649	Notice of Preparation	39 days	Mon 4/13/15	Thu 6/4/15	Mon 4/13/15	Thu 6/4/15																								
1650	Scoping Meetings	21 days	Tue 5/12/15	Tue 6/9/15	Tue 5/12/15	Tue 6/9/15																								
1651	Preparation of Draft Subsequent EIR (SEIR)	387 days	Mon 9/7/15	Mon 2/27/17	Mon 9/7/15	Mon 2/27/17																								
1652	Preparation of Project Description	126 days	Mon 9/7/15	Fri 2/26/16	Mon 9/7/15	Fri 2/26/16																								
1653	Prepare Admin Draft SEIR	72 days	Fri 4/1/16	Mon 7/11/16	Fri 4/1/16	Mon 7/11/16																								

Project: PG&E Topock Remediation Project  
Date: Fri 11/15/19  
Page 2 of 4

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

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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							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1654	2nd Admin Draft SEIR	17.8 wks	Fri 6/24/16	Wed 10/26/16	Fri 6/24/16	Wed 10/26/16																								
1655	<b>Screencheck Draft SEIR</b>	<b>56 days</b>	<b>Thu 10/27/16</b>	<b>Thu 1/12/17</b>	<b>Thu 10/27/16</b>	<b>Thu 1/12/17</b>																								
1656	ESA Prepare Screencheck SEIR	3 wks	Thu 10/27/16	Wed 11/16/16	Thu 10/27/16	Wed 11/16/16																								
1657	DTSC Review Screencheck SEIR	2.4 wks	Thu 11/17/16	Fri 12/2/16	Thu 11/17/16	Fri 12/2/16																								
1658	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																								
1659	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																								
1660	<b>Draft SEIR Public Review</b>	<b>33 days</b>	<b>Thu 1/12/17</b>	<b>Mon 2/27/17</b>	<b>Thu 1/12/17</b>	<b>Mon 2/27/17</b>																								
1661	45-day Public Review	46.38 edays	Thu 1/12/17	Mon 2/27/17	Thu 1/12/17	Mon 2/27/17																								
1662	Public Meetings	2 days	Tue 1/31/17	Wed 2/1/17	Tue 1/31/17	Wed 2/1/17																								
1663	<b>Final EIR, Response to Comments (RTCs), Findings, MMRP</b>	<b>295 days</b>	<b>Tue 3/7/17</b>	<b>Tue 4/24/18</b>	<b>Tue 3/7/17</b>	<b>Tue 4/24/18</b>																								
1664	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																								
1665	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																								
1666	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																								
1667	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																								
1668	DTSC Review 2nd Admin Draft SEIR	2 wks	Mon 7/24/17	Fri 8/4/17	Mon 7/24/17	Fri 8/4/17																								
1669	ESA Prepare Screencheck Final SEIR/Findings	3 wks	Mon 8/7/17	Fri 8/25/17	Mon 8/7/17	Fri 8/25/17																								
1670	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																								
1671	ESA Prepare Final SEIR for 30-day Circulation	2.6 wks	Tue 12/5/17	Thu 12/21/17	Thu 12/5/17	Thu 12/21/17																								
1672	30 Day Final SEIR Circulation	32.38 edays	Thu 12/21/17	Mon 1/22/18	Thu 12/21/17	Mon 1/22/18																								
1673	DTSC Certifies Final SEIR/ESA Files NOD	0 days	Tue 4/24/18	Tue 4/24/18	Tue 4/24/18	Tue 4/24/18																								
1674	DTSC reviews/approves Final Design and Construction/Remedial Action Work Plan	635 days	Thu 11/19/15	Tue 4/24/18	Thu 11/19/15	Tue 4/24/18																								
1675	DOI reviews/approves Final Design and Construction/Remedial Action Work Plan	620 days	Thu 11/19/15	Tue 4/3/18	Thu 11/19/15	Tue 4/3/18																								
1676	<b>Community Outreach</b>	<b>1710 days</b>	<b>Fri 10/7/11</b>	<b>Tue 4/24/18</b>	<b>Fri 10/7/11</b>	<b>Tue 4/24/18</b>																								
1686	Project Contracting	2.9 mons	Wed 4/4/18	Wed 6/27/18	Wed 4/4/18	NA																								
1687	<b>Construction (this is a preliminary construction schedule for planning purposes)</b>	<b>1369.6 days</b>	<b>Wed 6/27/18</b>	<b>Mon 9/25/23</b>	NA	NA																								
1688	<b>Pre-Construction</b>	<b>67 days</b>	<b>Wed 6/27/18</b>	<b>Sun 9/30/18</b>	NA	NA																								
1689	Stakeholder Attending Mobilization Kick-Off Meeting at Site	0 days	Wed 6/27/18	Wed 6/27/18	NA	NA																								
1690	Stakeholder Attending Mobilization Kick-Off Meeting at Site	0 days	Wed 6/27/18	Wed 6/27/18	NA	NA																								
1691	Stakeholder Attending Mobilization Kick-Off Meeting at Site	0 days	Wed 6/27/18	Wed 6/27/18	NA	NA																								
1692	Stakeholder Attending Mobilization Kick-Off Meeting at Site	0 days	Wed 6/27/18	Wed 6/27/18	NA	NA																								
1693	Stakeholder Attending Mobilization Kick-Off Meeting at Site	0 days	Wed 6/27/18	Wed 6/27/18	NA	NA																								
1694	Mobilization (Setup temp construction trailers, construction water, construction signage, access routes, etc.)	95 edays	Wed 6/27/18	Sun 9/30/18	NA	NA																								
1695	<b>Construction and Start-up Activities</b>	<b>1301.6 days</b>	<b>Tue 10/2/18</b>	<b>Mon 9/25/23</b>	NA	NA																								
1696	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 10/2/18	Tue 10/2/18	NA	NA																								
1697	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 10/2/18	Tue 10/2/18	NA	NA																								
1698	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 10/2/18	Tue 10/2/18	NA	NA																								
1699	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 10/2/18	Tue 10/2/18	NA	NA																								
1700	Stakeholder Attending Construction Kick-Off Meeting at Site	0 days	Tue 10/2/18	Tue 10/2/18	NA	NA																								
1701	<b>Major Phase 1 Construction Activities</b>	<b>510 days</b>	<b>Wed 10/3/18</b>	<b>Tue 9/15/20</b>	NA	NA																								
1702	Build Construction Headquarters	6.75 mons	Wed 10/3/18	Wed 4/17/19	NA	NA																								
1703	Build Soil Processing Yard	2.6 mons	Mon 11/12/18	Thu 1/24/19	NA	NA																								
1704	Install Remedy Storm Drain at Transwestern Bench	23 edays	Tue 2/5/19	Thu 2/28/19	NA	NA																								
1705	Install Pilot Borings, Monitoring Wells, and Remediation Wells	19 mons	Thu 11/1/18	Mon 5/11/20	NA	NA																								

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Page 3 of 4

Tasks Not Started/In Progress Overall Task Duration

Tasks Finished Inactive Task

Baseline Schedule Inactive Milestone

Milestone Inactive Summary

Manual Task Duration-only

Manual Summary Rollup Manual Summary

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