

# HANDOUT 9A - TOPOCK REMEDIATION PROJECT SCHEDULE OCTOBER 29, 2014 CWG MEETING (REV. 24)

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2014				2015				2016				2017									
							J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
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)	2077 days	Tue 12/19/06	Thu 11/20/14	Tue 12/19/06	NA																						
253	REMEDIAL FACILITY INVESTIGATION/REMEDIAL INVESTIGATION (RFI/RI)	5495 days	Sat 2/24/96	Tue 2/7/17	Sat 2/24/96	NA																						
254	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																						
272	Prepare Site History Report (Vol 1)	466 days	Tue 11/15/05	Wed 8/15/07	Tue 11/15/05	Wed 8/15/07																						
287	Prepare RFI/RI Vol 1 Addendum	1829 days	Wed 7/11/07	Tue 7/8/14	Wed 7/11/07	Tue 7/8/14																						
309	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																						
619	ADEQ Topock Groundwater Study	475 days	Thu 11/18/04	Wed 8/23/06	Thu 11/18/04	Wed 8/23/06																						
623	Prepare Final Soil RFI/RI (Vol 3)	2768 days	Sat 7/15/06	Tue 2/7/17	Sat 7/15/06	NA																						
624	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																						
773	Draft On-site Soil Sampling (Part B) DQOs	1122 days	Wed 12/6/06	Fri 3/11/11	Wed 12/6/06	NA																						
828	Soil RFI/RI Work Plan	1091 days	Tue 1/4/11	Mon 3/9/15	Tue 1/4/11	NA																						
829	Receive DTSC's direction to combine Soil Part A and Part B into one Work Plan	1 day	Tue 1/4/11	Tue 1/4/11	Tue 1/4/11	Tue 1/4/11																						
830	Receive additional directions from agencies on Part A data gaps evaluation	1 day	Fri 2/25/11	Fri 2/25/11	Fri 2/25/11	Fri 2/25/11																						
831	Prepare/submit Soil Work Plan (assumes no pre-meeting with agencies/Tribes)	50 days	Mon 2/28/11	Fri 5/6/11	Mon 2/28/11	Fri 5/6/11																						
832	DTSC forward to CWG/TWG	2 days	Mon 5/9/11	Tue 5/10/11	Mon 5/9/11	Tue 5/10/11																						
833	DTSC review/comment on Soil Work Plan	101.38 edays	Tue 5/10/11	Fri 8/19/11	Tue 5/10/11	Fri 8/19/11																						
834	DOI review/comment on Soil Work Plan	98.38 edays	Tue 5/10/11	Tue 8/16/11	Tue 5/10/11	Tue 8/16/11																						
835	CWG/TWG review/comment on Soil Work Plan	83.38 edays	Tue 5/10/11	Mon 8/1/11	Tue 5/10/11	Mon 8/1/11																						
836	Tribal Consultation	66.38 edays	Fri 5/27/11	Mon 8/1/11	Fri 5/27/11	Mon 8/1/11																						
837	SHPO Consultation	66.38 edays	Fri 5/27/11	Mon 8/1/11	Fri 5/27/11	Mon 8/1/11																						
838	FMIT comment on DTSC's/DOI's comments	0 days	Fri 9/9/11	Fri 9/9/11	Fri 9/9/11	Fri 9/9/11																						
839	FMIT, Hualapai, DTSC and DOI discuss FMIT's comments on Agencies' comments	1 day	Thu 9/15/11	Thu 9/15/11	Thu 9/15/11	Thu 9/15/11																						
840	DTSC respond to FMIT's comment on DTSC's comments	1 day	Thu 10/6/11	Thu 10/6/11	Thu 10/6/11	Thu 10/6/11																						
841	DOI respond to FMIT's comment on DOI's comments	1 day	Thu 10/6/11	Thu 10/6/11	Thu 10/6/11	Thu 10/6/11																						
842	DTSC provides additional direction to PGE	1 day	Fri 10/7/11	Fri 10/7/11	Fri 10/7/11	Fri 10/7/11																						
843	DOI provides additional direction to PG&E	1 day	Fri 10/7/11	Fri 10/7/11	Fri 10/7/11	Fri 10/7/11																						
844	Comment resolution	42.2 wks	Mon 8/22/11	Fri 6/15/12	Mon 8/22/11	Fri 6/15/12																						
845	Draft response to comments to Tribes	1 day	Wed 12/14/11	Wed 12/14/11	Wed 12/14/11	Wed 12/14/11																						
846	Sitewalk to review soil sample locations	1 day	Thu 12/15/11	Thu 12/15/11	Thu 12/15/11	Thu 12/15/11																						
847	Final response to comments (RTCs) to CWG/TWG/Agencies/Tribes	0 days	Fri 5/11/12	Fri 5/11/12	Fri 5/11/12	Fri 5/11/12																						
848	Meeting to discuss RTCs (after 2weeks review of RTCs by CWG/ TWG/Tribes)	0 days	Fri 6/15/12	Fri 6/15/12	Fri 6/15/12	Fri 6/15/12																						
849	PG&E submits Revised Work Plan including RTCs	16.4 wks	Fri 5/11/12	Wed 9/5/12	Fri 5/11/12	Wed 9/5/12																						
850	DTSC forward to CWG/TWG	0 days	Mon 9/17/12	Mon 9/17/12	Mon 9/17/12	Mon 9/17/12																						
851	DOI, DTSC, and Tribes met to discuss Soil RTC process	1 day	Tue 10/16/12	Tue 10/16/12	Tue 10/16/12	Tue 10/16/12																						
852	DTSC reviews/comments on Revised Work Plan	24 days	Tue 9/18/12	Fri 10/19/12	Tue 9/18/12	Fri 10/19/12																						
853	PG&E submits Final Work Plan (clean and redline versions)	0 days	Mon 1/14/13	Mon 1/14/13	Mon 1/14/13	Mon 1/14/13																						
854	Monitoring of Historical/Archaeological Sites in Soil EIR Project Area	8 days	Mon 12/2/13	Wed 12/11/13	Mon 12/2/13	Wed 12/11/13																						
855	Prepare/submit Final Monitoring Report	3.1 mons	Thu 12/12/13	Wed 3/12/14	Thu 12/12/13	Wed 3/12/14																						
856	State CEQA evaluation	606 days	Mon 11/12/12	Mon 3/9/15	Mon 11/12/12	NA																						
857	Prepare Notice of Preparation	13 days	Mon 11/12/12	Wed 11/28/12	Mon 11/12/12	Wed 11/28/12																						

Project: PG&E Topock Remediation Project	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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							J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
865	<b>NOP Public Review</b>	34 days	Wed 11/28/12	Mon 1/14/13	Wed 11/28/12	Mon 1/14/13																																																
868	<b>Prepare Draft EIR</b>	390 days	Mon 1/7/13	Fri 7/4/14	Mon 1/7/13	Fri 7/4/14																																																
885	<b>Draft EIR Public Review</b>	44 days	Mon 7/7/14	Fri 9/5/14	Mon 7/7/14	Fri 9/5/14																																																
886	DTSC approved a request for extension of the Public Comment Period	0 days	Mon 8/11/14	Mon 8/11/14	Mon 8/11/14	Mon 8/11/14																																																
887	60-Day Public Review	60 edays	Mon 7/7/14	Fri 9/5/14	Mon 7/7/14	Fri 9/5/14																																																
888	Public Meeting/Hearing	4.38 edays	Mon 7/21/14	Fri 7/25/14	Mon 7/21/14	Fri 7/25/14																																																
889	<b>Final EIR, Response to Comments, Findings, MMRP</b>	131 days	Mon 9/8/14	Mon 3/9/15	Mon 9/8/14	NA																																																
890	DEIR Comment Review and Characterization	2 wks	Mon 9/8/14	Fri 9/19/14	Mon 9/8/14	Fri 9/19/14																																																
891	<b>ESA Compile &amp; Prepare 1st Admin Draft RTC/EIR revision</b>	50 days	Mon 9/22/14	Fri 11/28/14	Mon 9/22/14	NA																																																
892	DTSC/ESA Response Direction Meeting	0 days	Mon 9/22/14	Mon 9/22/14	Mon 9/22/14	Mon 9/22/14																																																
893	ESA Compiles 1st Admin Draft RTC/EIR	8 wks	Mon 9/22/14	Fri 11/14/14	Mon 9/22/14	NA																																																
894	DTSC/ESA Response Direction Meeting	0 days	Mon 10/20/14	Mon 10/20/14	Mon 10/20/14	Mon 10/20/14																																																
895	ESA Mgmt Review of 1st Admin Draft RTC/FEIR/Findings/MMRP	2 wks	Mon 11/17/14	Fri 11/28/14	NA	NA																																																
896	DTSC Review 1st Admin Draft RTC/FEIR/Findings/MMRP	3 wks	Mon 12/1/14	Fri 12/19/14	NA	NA																																																
897	DTSC/ESA Comment Resolution Meeting	0 days	Fri 12/19/14	Fri 12/19/14	NA	NA																																																
898	ESA Compile & Prepare 2nd Admin Draft RTC/FEIR/Findings/MMRP (if necessary)	3 wks	Mon 12/22/14	Fri 1/9/15	NA	NA																																																
899	DTSC Review 2nd Admin Draft RTC/FEIR/Findings/MMRP	2 wks	Mon 1/12/15	Fri 1/23/15	NA	NA																																																
900	DTSC/ESA Comment Resolution Meeting	0 days	Fri 1/23/15	Fri 1/23/15	NA	NA																																																
901	ESA Prepare Screencheck RTC/FEIR/Findings/MMRP	2 wks	Mon 1/26/15	Fri 2/6/15	NA	NA																																																
902	DTSC Review Screencheck RTC/FEIR/Findings/MMRP	1 wk	Mon 2/9/15	Fri 2/13/15	NA	NA																																																
903	DTSC/ESA Comment Resolution Meeting	0 wks	Fri 2/13/15	Fri 2/13/15	NA	NA																																																
904	ESA Prepare Final RTC/FEIR/Findings/MMRP	1 wk	Mon 2/16/15	Fri 2/20/15	NA	NA																																																
905	10 Day FEIR Circulation	10 days	Mon 2/23/15	Fri 3/6/15	NA	NA																																																
906	DTSC Certifies Final EIR	1 day	Fri 3/6/15	Fri 3/6/15	NA	NA																																																
907	ESA Files Notice of Determination	0 days	Mon 3/9/15	Mon 3/9/15	NA	NA																																																
908	DTSC approve Final Work Plan	0 days	Fri 3/6/15	Fri 3/6/15	NA	NA																																																
909	DOI approve Final Work Plan	0 days	Fri 3/6/15	Fri 3/6/15	NA	NA																																																
910	<b>Work Plan Implementation/Data Analysis</b>	256 days	Mon 3/9/15	Mon 2/29/16	NA	NA																																																
911	Permitting/Planning for Field Work	2 mons	Mon 3/9/15	Tue 5/5/15	NA	NA																																																
912	Field mobilization	30 days	Mon 4/20/15	Fri 5/29/15	NA	NA																																																
913	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Mon 6/1/15	Mon 6/1/15	NA	NA																																																
914	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Mon 6/1/15	Mon 6/1/15	NA	NA																																																
915	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Mon 6/1/15	Mon 6/1/15	NA	NA																																																
916	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Mon 6/1/15	Mon 6/1/15	NA	NA																																																
917	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Mon 6/1/15	Mon 6/1/15	NA	NA																																																
918	Field Implementation (field duration will depend on field conditions, ability to perform field work concurrently, and ability to reach timely decisions on additional sampling needs)	273 edays	Mon 6/1/15	Mon 2/29/16	NA	NA																																																
919	<b>Reporting (RFI/RI Volume 3)</b>	245 days	Wed 3/2/16	Tue 2/7/17	NA	NA																																																
920	Prepare Draft RFI/RI Vol 3 report (duration is estimated and will be verified/adjusted after completion of Soil RFI/RI Field Implementation)	3 mons	Wed 3/2/16	Fri 5/27/16	NA	NA																																																
921	DTSC sends report to CWG/TWG and Tribes	3 days	Mon 5/30/16	Wed 6/1/16	NA	NA																																																
922	CWG/TWG review/comment	2 mons	Thu 6/2/16	Fri 7/29/16	NA	NA																																																
923	Tribes review/comment	2 mons	Thu 6/2/16	Fri 7/29/16	NA	NA																																																
924	DTSC review/comment/provide direction to PG&E	2.5 mons	Thu 6/2/16	Mon 8/15/16	NA	NA																																																
925	DOI review/comment/provide direction to PG&E	2.5 mons	Thu 6/2/16	Mon 8/15/16	NA	NA																																																
926	Prepare RTCs (duration is estimated, to be verified after receipt of comments and direction)	1.5 mons	Mon 8/15/16	Tue 9/27/16	NA	NA																																																
927	CWG/TWG review/comment	30 edays	Tue 9/27/16	Thu 10/27/16	NA	NA																																																
928	Tribes review/comemnt	30 edays	Tue 9/27/16	Thu 10/27/16	NA	NA																																																
929	DOI review/comment	45 edays	Tue 9/27/16	Fri 11/11/16	NA	NA																																																

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