





# HANDOUT 11A - TOPOCK REMEDIATION PROJECT SCHEDULE

## JULY 16, 2014 CWG MEETING (REV. 23)

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2014												2015												2016																																	
							Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4																											
							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	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
902	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	Fri 2/13/15	Fri 11/13/15	NA	NA	[Gantt bar from Q1 2015 to Q4 2015]																																																									
903	Reporting (RFI/RI Volume 3)	245 days	Tue 11/17/15	Mon 10/24/16	NA	NA	[Gantt bar from Q4 2015 to Q4 2016]																																																									
919	ADEQ Topock Groundwater Study	475 days	Thu 11/18/04	Wed 8/23/06	Thu 11/18/04	Wed 8/23/06																																																										
923	CORRECTIVE MEASURES/REMEDIAL ALTERNATIVE DEVELOPMENT	1527 days	Mon 3/29/04	Thu 12/31/09	Mon 3/29/04	NA	[Gantt bar from Q3 2004 to Q4 2009]																																																									
1071	CORRECTIVE MEASURE STUDY/FEASIBILITY STUDY (CMS/FS) AND RISK ASSESSMENT	4082 days	Mon 12/16/02	Fri 6/29/18	Mon 12/16/02	NA	[Gantt bar from Q4 2002 to Q4 2018]																																																									
1072	CMS Work Plan	1465 days	Mon 12/16/02	Tue 6/24/08	Mon 12/16/02	Tue 6/24/08	[Gantt bar from Q4 2002 to Q2 2008]																																																									
1091	Risk Evaluation - Scoping and CSM	2825 days	Tue 10/31/06	Mon 8/14/17	Tue 10/31/06	NA	[Gantt bar from Q4 2006 to Q4 2017]																																																									
1092	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																																																										
1093	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																																																										
1103	Soil/Groundwater Risk Assessment Workplan (RAWP)	1887.7 days	Mon 10/29/07	Thu 1/15/15	Mon 10/29/07	NA	[Gantt bar from Q4 2007 to Q1 2015]																																																									
1104	RAWP	334 days	Mon 10/29/07	Thu 2/5/09	Mon 10/29/07	Thu 2/5/09	[Gantt bar from Q4 2007 to Q1 2009]																																																									
1130	RAWP Addendum II	514.7 days	Fri 1/25/13	Thu 1/15/15	Fri 1/25/13	NA	[Gantt bar from Q1 2013 to Q1 2015]																																																									
1131	PG&E submits Revised Arrowweed TM and RAWP Addendum II TM (Proposed Changes to RAWP)	1 day	Fri 1/25/13	Fri 1/25/13	Fri 1/25/13	Fri 1/25/13																																																										
1132	DTSC forward to CWG/TWG	2 days	Mon 1/28/13	Tue 1/29/13	Mon 1/28/13	Tue 1/29/13																																																										
1133	Tribal review/comment	91.38 edays	Tue 1/29/13	Tue 4/30/13	Tue 1/29/13	Tue 4/30/13																																																										
1134	CWG/TWG review on TMs	91.38 edays	Tue 1/29/13	Tue 4/30/13	Tue 1/29/13	Tue 4/30/13																																																										
1135	DTSC review/comment on the TMs	91.38 edays	Tue 1/29/13	Tue 4/30/13	Tue 1/29/13	Tue 4/30/13																																																										
1136	DOI review/comment on the TMs	91.38 edays	Tue 1/29/13	Tue 4/30/13	Tue 1/29/13	Tue 4/30/13																																																										
1137	PG&E prepares/submits Response to Comments	31 days	Wed 5/1/13	Wed 6/12/13	Wed 5/1/13	Wed 6/12/13																																																										
1138	DTSC sent RTCs to Tribes	1 day	Mon 6/24/13	Mon 6/24/13	Mon 6/24/13	Mon 6/24/13																																																										
1139	Scoping Meetings for RAWP Addendum II	3.05 mons	Tue 6/25/13	Fri 9/20/13	Tue 6/25/13	Fri 9/20/13																																																										
1140	Exposure assumptions for Recreational User	0 days	Fri 4/4/14	Fri 4/4/14	Fri 4/4/14	Fri 4/4/14																																																										
1141	Prepare/submit RAWP Addendum II	5.38 mons	Tue 10/1/13	Wed 5/7/14	Tue 10/1/13	Wed 5/7/14	[Gantt bar from Q4 2013 to Q1 2014]																																																									
1142	FMIT review/comment	34.38 edays	Thu 5/8/14	Wed 6/11/14	Thu 5/8/14	Wed 6/11/14	[Gantt bar from Q2 2014 to Q2 2014]																																																									
1143	Hualapai Tribe review/comment	38 days	Thu 5/8/14	Mon 6/30/14	Thu 5/8/14	Mon 6/30/14	[Gantt bar from Q2 2014 to Q3 2014]																																																									
1144	CWG/TWG review	32.38 edays	Thu 5/8/14	Mon 6/9/14	Thu 5/8/14	Mon 6/9/14	[Gantt bar from Q2 2014 to Q3 2014]																																																									
1145	DTSC review/comment	81.38 edays	Thu 5/8/14	Mon 7/28/14	Thu 5/8/14	NA	[Gantt bar from Q2 2014 to Q3 2014]																																																									
1146	DOI review/comment	81.38 edays	Thu 5/8/14	Mon 7/28/14	Thu 5/8/14	NA	[Gantt bar from Q2 2014 to Q3 2014]																																																									
1147	Prepare Response to Comments	1 mon	Tue 7/29/14	Tue 8/26/14	NA	NA	[Gantt bar from Q3 2014 to Q3 2014]																																																									
1148	DTSC review/comment	30 edays	Wed 8/27/14	Fri 9/26/14	NA	NA	[Gantt bar from Q3 2014 to Q4 2014]																																																									
1149	DOI review/comment	30 edays	Wed 8/27/14	Fri 9/26/14	NA	NA	[Gantt bar from Q3 2014 to Q4 2014]																																																									
1150	CWG/TWG review/comment	15 edays	Wed 8/27/14	Thu 9/11/14	NA	NA	[Gantt bar from Q3 2014 to Q4 2014]																																																									
1151	Tribal review/comment	15 edays	Wed 8/27/14	Thu 9/11/14	NA	NA	[Gantt bar from Q3 2014 to Q4 2014]																																																									
1152	Meeting to discuss response to comments (approx. 2 wks after review by CWG/TWG/Tribes/ Agencies)	0 days	Tue 9/9/14	Tue 9/9/14	NA	NA	[Milestone diamond at 9/9]																																																									
1153	Submit Final RAWP Addendum II	2.7 mons	Mon 9/29/14	Tue 12/16/14	NA	NA	[Gantt bar from Q4 2014 to Q1 2015]																																																									
1154	DTSC review/approve	30 edays	Tue 12/16/14	Thu 1/15/15	NA	NA	[Gantt bar from Q4 2014 to Q1 2015]																																																									
1155	DOI review/approve	30 edays	Tue 12/16/14	Thu 1/15/15	NA	NA	[Gantt bar from Q4 2014 to Q1 2015]																																																									
1156	Groundwater Evaluation	330 days	Wed 9/10/08	Tue 12/15/09	Wed 9/10/08	Tue 12/15/09	[Gantt bar from Q3 2008 to Q4 2009]																																																									
1173	Soil Evaluation	210 days	Tue 10/25/16	Mon 8/14/17	NA	NA	[Gantt bar from Q4 2016 to Q3 2017]																																																									
1189	CMS/FS Report	2579 days	Mon 8/18/08	Fri 6/29/18	Mon 8/18/08	NA	[Gantt bar from Q3 2008 to Q4 2018]																																																									
1267	STATEMENT OF BASIS	2327.6 days	Mon 1/4/10	Thu 11/29/18	Mon 1/4/10	NA	[Gantt bar from Q1 2010 to Q4 2018]																																																									
1282	RECORD OF DECISION	2428 days	Fri 12/18/09	Wed 4/3/19	Fri 12/18/09	NA	[Gantt bar from Q4 2009 to Q4 2019]																																																									
1305	Section 106 Programmatic Agreement (PA)	1684 days	Fri 10/10/08	Thu 3/19/15	Fri 10/10/08	NA	[Gantt bar from Q4 2008 to Q1 2015]																																																									
1338	EIR DOCUMENTATION	3482 days	Thu 9/1/05	Sun 12/16/18	Thu 9/1/05	NA	[Gantt bar from Q4 2005 to Q4 2018]																																																									

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.





