

Handout 6A - Topock Remediation Detailed Project Schedule

June 16, 2010 (Revision 9)

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	Q1 '10	Q2 '10	Q3 '10	Q4 '10	Q1 '11	Q2 '11	Q3 '11	Q4 '11	Q1 '12	Q2 '12	Q3 '12	Q4 '12					
							J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
1	IM3 Operations	2515.5 days	Thu 1/22/04	Wed 8/7/13	Thu 1/22/04	NA																	
33	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																	
38	New Extraction Well PE-1/Facilities	230 days	Mon 3/21/05	Fri 1/27/06	Mon 3/21/05	Fri 1/27/06																	
48	Supplemental Extraction Well and Facilities	127 days	Fri 7/29/05	Thu 1/19/06	Fri 7/29/05	Thu 1/19/06																	
56	Decommissioning of IM No. 2 Batch Treatment	1182 days	Fri 8/5/05	Fri 1/29/10	Fri 8/5/05	Fri 1/29/10																	
67	INTERIM MEASURES and TREATED WATER MANAGEMENT	1826 days	Mon 5/3/04	Fri 3/25/11	Mon 5/3/04	NA																	
213	PUBLIC PARTICIPATION PLAN	578 days	Mon 12/20/04	Fri 2/9/07	Mon 12/20/04	Fri 2/9/07																	
222	BASELINE RESOURCE ASSESSMENTS	897 days	Mon 11/1/04	Mon 3/10/08	Mon 11/1/04	Mon 3/10/08																	
236	SITE WIDE CEQA DOCUMENTATION	586 days	Wed 5/17/06	Fri 8/1/08	Wed 5/17/06	Fri 8/1/08																	
240	PROGRAMMATIC BIOLOGICAL ASSESSMENT (PBA)	35 days	Tue 12/19/06	Wed 1/31/07	Tue 12/19/06	Wed 1/31/07																	
245	REMEDIAL FACILITY INVESTIGATION/REMEDIAL INVESTIGATION (RFI/RI)	4495.95 days	Sat 2/24/96	Thu 4/11/13	Sat 2/24/96	NA																	
246	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																	
264	Prepare Site History Report (Vol 1)	466 days	Tue 11/15/05	Wed 8/15/07	Tue 11/15/05	Wed 8/15/07																	
279	Prepare RFI/RI Vol 1 Addendum	1183.6 days	Wed 7/11/07	Tue 1/17/12	Wed 7/11/07	NA																	
303	Prepare Final Groundwater RFI/RI (Vol 2)	1740 days	Mon 6/27/05	Wed 2/1/12	Mon 6/27/05	NA																	
304	Response to comments on Feb. 2005 RFI/RI Report	258 days	Tue 10/3/06	Wed 9/19/07	Tue 10/3/06	Wed 9/19/07																	
311	Floodplain Data Gap Investigation	93 days	Fri 1/6/06	Fri 5/12/06	Fri 1/6/06	Fri 5/12/06																	
314	Pore Water and Seepage Study	151 days	Mon 6/27/05	Tue 1/17/06	Mon 6/27/05	Tue 1/17/06																	
327	Additional Plume Characterization Investigation	1403 days	Fri 9/29/06	Wed 2/1/12	Fri 9/29/06	NA																	
328	CA Slant Drilling	305 days	Fri 9/29/06	Wed 11/21/07	Fri 9/29/06	Wed 11/21/07																	
376	AZ Groundwater Investigation	657 days	Fri 12/1/06	Fri 5/29/09	Fri 12/1/06	NA																	
446	Additional Bedrock Investigation	1388 days	Fri 10/20/06	Wed 2/1/12	Fri 10/20/06	NA																	
447	PGE-7/PGE-8 Hydraulic Test and PGE-6 Decommissioning	393 days	Fri 10/20/06	Mon 4/14/08	Fri 10/20/06	Mon 4/14/08																	
510	East Ravine Groundwater Investigation	516 days	Mon 10/29/07	Mon 10/19/09	Mon 10/29/07	Mon 10/19/09																	
548	East Ravine Groundwater Investigation Phase 2/TCS wells	200 days	Thu 2/25/10	Fri 11/26/10	Thu 2/25/10	NA																	
549	DOI issued letter directing PG&E to initiate planning for ERGI Phase 2/TCS wells	1 day	Thu 2/25/10	Thu 2/25/10	Thu 2/25/10	Thu 2/25/10																	
550	DTSC present and discuss the process for ERGI 2/TCS Wells to TWG	1 day	Tue 3/16/10	Tue 3/16/10	Tue 3/16/10	Tue 3/16/10																	
551	Second TWG meeting to discuss ERGI 2/TCS Wells	0 days	Thu 4/15/10	Thu 4/15/10	Thu 4/15/10	Thu 4/15/10																	
552	DTSC provide direction on well locations (given TWG inputs)	1 day	Wed 6/2/10	Wed 6/2/10	NA	NA																	
553	DOI provide direction on well locations (given TWG inputs)	1 day	Wed 6/2/10	Wed 6/2/10	NA	NA																	
554	Prepare Draft Work Plan Addendum	2 mons	Thu 6/3/10	Wed 7/28/10	NA	NA																	
555	DTSC send Draft Workplan Addendum to CWG/TWG	3 days	Thu 7/29/10	Mon 8/2/10	NA	NA																	
556	CWG/TWG review and comment	30 edays	Mon 8/2/10	Wed 9/1/10	NA	NA																	
557	DTSC review and comment	30 edays	Mon 8/2/10	Wed 9/1/10	NA	NA																	
558	DOI review and comment	30 edays	Mon 8/2/10	Wed 9/1/10	NA	NA																	
559	Section 106 Consultation	53 days	Mon 8/2/10	Thu 10/14/10	NA	NA																	
560	Tribal Consultation	30 edays	Mon 8/2/10	Wed 9/1/10	NA	NA																	
561	BLM sends consultation package to SHPO	7 days	Thu 9/2/10	Fri 9/10/10	NA	NA																	
562	SHPO Review	30 edays	Fri 9/10/10	Sun 10/10/10	NA	NA																	
563	BLM to forward SHPO comments	3 days	Mon 10/11/10	Wed 10/13/10	NA	NA																	
564	DOI provides comments on Draft Work Plan	1 day	Thu 10/14/10	Thu 10/14/10	NA	NA																	
565	Prepare Final Work Plan Addendum (duration to be verified after receipt of comments)	1 mon	Fri 10/15/10	Fri 11/12/10	NA	NA																	
566	DTSC review/approve Final WP Addendum	2 wks	Mon 11/15/10	Fri 11/26/10	NA	NA																	
567	DOI review/approve Final WP Addendum	2 wks	Mon 11/15/10	Fri 11/26/10	NA	NA																	
568	Field Implementation	236 days	Mon 1/10/11	Mon 12/5/11	NA	NA																	
569	Stakeholder Attending Kick-Off Meeting at Site	1 day	Mon 1/10/11	Mon 1/10/11	NA	NA																	

Project: PG&E Topock Remediation Project
Date: Tue 6/8/10

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Tasks Not Started/In Progress 
Tasks Finished 

Baseline Schedule 
Milestone 

Overall Task Duration 

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
DTSC Tribes/SHPO Other CA Agencies AZ Agencies

Major Assumptions
- Permits, CWG/ stakeholder review, and DTSC review & approvals are estimated.
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ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	Q1 '10	Q2 '10	Q3 '10	Q4 '10	Q1 '11	Q2 '11	Q3 '11	Q4 '11	Q1 '12	Q2 '12	Q3 '12	Q4 '12					
							J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
570	Stakeholder Attending Kick-Off Meeting at Site	1 day	Mon 1/10/11	Mon 1/10/11	NA	NA																	
571	Stakeholder Attending Kick-Off Meeting at Site	1 day	Mon 1/10/11	Mon 1/10/11	NA	NA																	
572	Stakeholder Attending Kick-Off Meeting at Site	1 day	Mon 1/10/11	Mon 1/10/11	NA	NA																	
573	Stakeholder Attending Kick-Off Meeting at Site	1 day	Mon 1/10/11	Mon 1/10/11	NA	NA																	
574	Field Implementation - Priority 1 sites (duration to be verified after receipt of work plan approval and discussion w/ drilling/hydrophysics contractors)	17 wks	Tue 1/11/11	Mon 5/9/11	NA	NA																	
575	Data Analysis/Management - Priority 1 sites	4 wks	Tue 5/10/11	Mon 6/6/11	NA	NA																	
576	Field Implementation - Priority 2 sites (duration to be verified after receipt of work plan approval and discussion w/ drilling/hydrophysics contractors)	26 wks	Tue 5/10/11	Mon 11/7/11	NA	NA																	
577	Data Analysis/Management - Priority 2 sites	4 wks	Tue 11/8/11	Mon 12/5/11	NA	NA																	
578	Reporting	42 days	Tue 12/6/11	Wed 2/1/12	NA	NA																	
579	PG&E prepares addendum to East Ravine Groundwater Investigation Report	2 mons	Tue 12/6/11	Wed 2/1/12	NA	NA																	
580	Prepare and Submit Final GW RFI/RI	387 days	Mon 8/20/07	Mon 2/9/09	Mon 8/20/07	Mon 2/9/09																	
601	Prepare and Submit GW RFI/RI Addendum	229 days	Wed 8/13/08	Mon 6/29/09	Wed 8/13/08	Mon 6/29/09																	
625	Prepare Final Soil RFI/RI (Vol 3)	1768.95 days	Sat 7/15/06	Thu 4/11/13	Sat 7/15/06	NA																	
626	Implementation of Off-site Soil Sampling (Part A)	1532.4 days	Sat 7/15/06	Wed 5/16/12	Sat 7/15/06	NA																	
627	Workplan	311 days	Sat 7/15/06	Thu 9/13/07	Sat 7/15/06	Thu 9/13/07																	
653	Approval Process for Part A Phase I Investigation	269.5 days	Fri 9/14/07	Thu 9/25/08	Fri 9/14/07	Thu 9/25/08																	
693	Part A Implementation	1286.4 days	Mon 6/18/07	Wed 5/16/12	Mon 6/18/07	NA																	
694	Implement Phase I off-site soil investigation*	95 days	Thu 8/21/08	Wed 12/31/08	Thu 8/21/08	NA																	
704	2006 Soil and Sediment Data Usability Assessment Tech Memo	357 days	Mon 6/18/07	Mon 10/27/08	Mon 6/18/07	Mon 10/27/08																	
714	Soil Screening Levels for Groundwater Protection Tech Memo	55 days	Mon 5/19/08	Fri 8/1/08	Mon 5/19/08	Fri 8/1/08																	
716	Ecological Comparison Values Tech Memos	372 days	Thu 2/7/08	Fri 7/10/09	Thu 2/7/08	NA																	
739	Soil Background Data Tech Memo	141 days	Fri 10/31/08	Fri 5/15/09	Fri 10/31/08	Fri 5/15/09																	
749	Data Quality Objectives (DQO) Steps 1-5 Documentation	355 days	Mon 11/17/08	Fri 3/26/10	Mon 11/17/08	Fri 3/26/10																	
764	Data Quality Objectives (DQO) Steps 1-6 Documentation	169 days	Mon 3/29/10	Mon 11/15/10	Mon 3/29/10	NA																	
765	Prepare Soil Part A Data Summary Report	25 wks	Mon 3/29/10	Tue 9/14/10	Mon 3/29/10	NA																	
766	DTSC forward to CWG/TWG/Tribes	3 days	Wed 9/15/10	Fri 9/17/10	NA	NA																	
767	Working sessions with Tribes/Stakeholders on DQO Steps 6-7	6 wks	Mon 10/4/10	Fri 11/12/10	NA	NA																	
768	Complete DQO Steps 6-7	1 day	Mon 11/15/10	Mon 11/15/10	NA	NA																	
769	Phase II Work Plan	158 days	Tue 11/16/10	Thu 6/23/11	NA	NA																	
770	Prepare Part A Phase II Work Plan (incl. staking of locations)	60 days	Tue 11/16/10	Mon 2/7/11	NA	NA																	
771	DTSC send Part A Phase II Workplan to CWG/TWG	3 days	Tue 2/8/11	Thu 2/10/11	NA	NA																	
772	CWG/TWG review and comment	30 edays	Thu 2/10/11	Sat 3/12/11	NA	NA																	
773	DTSC review and comment	30 edays	Thu 2/10/11	Sat 3/12/11	NA	NA																	
774	DOI review and comment	30 edays	Thu 2/10/11	Sat 3/12/11	NA	NA																	
775	Section 106 Consultation	54 days	Thu 2/10/11	Wed 4/27/11	NA	NA																	
776	Tribal Consultation	30 edays	Thu 2/10/11	Sat 3/12/11	NA	NA																	
777	BLM sends consultation package to SHPO	7 days	Mon 3/14/11	Tue 3/22/11	NA	NA																	
778	SHPO Review	30 edays	Tue 3/22/11	Thu 4/21/11	NA	NA																	
779	BLM to forward SHPO comments	3 days	Fri 4/22/11	Tue 4/26/11	NA	NA																	
780	DOI provides comments/direction to PG&E	1 day	Wed 4/27/11	Wed 4/27/11	NA	NA																	
781	PG&E respond to comments	4 wks	Thu 4/28/11	Wed 5/25/11	NA	NA																	
782	DTSC review response to comments	4 wks	Thu 5/26/11	Wed 6/22/11	NA	NA																	
783	DOI review response to comments	4 wks	Thu 5/26/11	Wed 6/22/11	NA	NA																	
784	DTSC approves Part A Phase 2 Work Plan/RTCs	0 days	Thu 6/23/11	Thu 6/23/11	NA	NA																	

Project: PG&E Topock Remediation Project
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							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
785	DOI approves Part Phase 2 Work Plan/RTCs for Implementation	0 days	Thu 6/23/11	Thu 6/23/11	NA	NA						6/23						
786	Implement Phase II off-site investigation	203.4 days	Fri 8/5/11	Wed 5/16/12	NA	NA												
787	Stakeholder Attending Kick-Off Meeting at Site	1 day	Fri 8/5/11	Fri 8/5/11	NA	NA												
788	Stakeholder Attending Kick-Off Meeting at Site	1 day	Fri 8/5/11	Fri 8/5/11	NA	NA												
789	Stakeholder Attending Kick-Off Meeting at Site	1 day	Fri 8/5/11	Fri 8/5/11	NA	NA												
790	Stakeholder Attending Kick-Off Meeting at Site	1 day	Fri 8/5/11	Fri 8/5/11	NA	NA												
791	Stakeholder Attending Kick-Off Meeting at Site	1 day	Fri 8/5/11	Fri 8/5/11	NA	NA												
792	Implement Phase II off-site soil investigation (duration to be verified after receipt of work plan approval)	1.9 mons	Mon 8/8/11	Fri 9/30/11	NA	NA												
793	Prepare/submit TM (data tables/figures) to describe distribution of COPC's	12 wks	Fri 9/30/11	Fri 12/23/11	NA	NA												
794	DTSC forward to CWG/TWG/Tribes	3 days	Fri 12/23/11	Wed 12/28/11	NA	NA												
795	PG&E presents to TWG/CWG	2 days	Wed 12/28/11	Fri 12/30/11	NA	NA												
796	DTSC review and comment on TM (data tables/figures)	1.5 mons	Wed 12/28/11	Fri 2/10/12	NA	NA												
797	DOI review and comments on TM (data tables/figures)	1.5 mons	Wed 12/28/11	Fri 2/10/12	NA	NA												
798	FMIT/CRIT/Hualapai/Chemuevi/Tribes review and comment on TM	1.5 mons	Wed 12/28/11	Fri 2/10/12	NA	NA												
799	Prepare/submit response to comments	4 wks	Fri 2/10/12	Fri 3/9/12	NA	NA												
800	Agency/Tribes/PG&E meet to discuss/resolve comments	2 days	Mon 3/12/12	Wed 3/14/12	NA	NA												
801	Comments resolution complete	2 wks	Wed 3/14/12	Wed 3/28/12	NA	NA												
802	Prepare/submit final TM (duration to be confirmed after completion of comments resolution)	3 wks	Wed 3/28/12	Wed 4/18/12	NA	NA												
803	DTSC review/concur with final TM	4 wks	Wed 4/18/12	Wed 5/16/12	NA	NA												
804	DOI review/concur with final TM	4 wks	Wed 4/18/12	Wed 5/16/12	NA	NA												
805	Implementation of On-site Soil Sampling (Part B)	1391 days	Wed 12/6/06	Thu 3/22/12	Wed 12/6/06	NA												
806	Draft Work Plan/Discussion of Phasing of Part B	377 days	Wed 12/6/06	Wed 5/7/08	Wed 12/6/06	Wed 5/7/08												
824	Proposed Phasing of Part B/DTSC Direction on Part B	435 days	Thu 5/8/08	Wed 1/6/10	Thu 5/8/08	NA												
833	Response to Comments on Draft Work Plan/DQO Steps 1-5	248 days	Fri 11/6/09	Thu 10/14/10	Fri 11/6/09	NA												
834	PG&E re-submits Summary of Conflicting Comments (4/08)	1 day	Fri 11/6/09	Fri 11/6/09	Fri 11/6/09	Fri 11/6/09												
835	DTSC reviews/provides direction on conflicting comments (incl. holidays)	17.6 wks	Mon 11/9/09	Wed 3/10/10	Mon 11/9/09	Wed 3/10/10												
836	DOI reviews/provides direction on conflicting comments (incl. holidays)	17.6 wks	Mon 11/9/09	Wed 3/10/10	Mon 11/9/09	Wed 3/10/10												
837	PG&E finalizes/submit RTCs (including Part B DQO/flowcharts)	7.4 wks	Thu 3/11/10	Fri 4/30/10	Thu 3/11/10	Fri 4/30/10												
838	DTSC reviews/provides feedback on DQO table/flowcharts	5 wks	Mon 5/3/10	Thu 6/3/10	Mon 5/3/10	Thu 6/3/10												
839	DTSC reviews/provides feedback on RTCs	36 days	Mon 5/3/10	Fri 6/18/10	Mon 5/3/10	NA												
840	DOI reviews/provides feedback on DQO table/flowcharts	5.4 wks	Mon 5/3/10	Mon 6/7/10	Mon 5/3/10	Mon 6/7/10												
841	PG&E compiles unresolved comments	1 wk	Tue 6/8/10	Mon 6/14/10	NA	NA												
842	Meeting to resolve RTCs/DQOs	2 days	Tue 6/15/10	Wed 6/16/10	NA	NA												
843	Comments resolution complete	1 wk	Thu 6/17/10	Tue 6/22/10	NA	NA												
844	PG&E prepares Draft DQO TM (duration to be verified after receipt of comments)	6 wks	Wed 6/23/10	Mon 8/2/10	NA	NA												
845	DTSC reviews/comments on Draft DQO TM	4 wks	Tue 8/3/10	Mon 8/30/10	NA	NA												
846	DOI reviews/comments on Draft DQO TM	4 wks	Tue 8/3/10	Mon 8/30/10	NA	NA												
847	PG&E revise/submit Revised Draft DQO TM (duration to verified after receipt of comments)	4 wks	Tue 8/31/10	Mon 9/27/10	NA	NA												
848	DTSC reviews/concurs with Revised Draft DQO TM	2 wks	Tue 9/28/10	Mon 10/11/10	NA	NA												
849	DOI reviews/concurs with Revised Draft DQO TM	2 wks	Tue 9/28/10	Mon 10/11/10	NA	NA												
850	DTSC forwards to CWG/TWG for information	3 days	Tue 10/12/10	Thu 10/14/10	NA	NA												
851	Final Work Plan	159 days	Fri 10/15/10	Wed 5/25/11	NA	NA												
852	Prepare/submit Final Part B Work Plan (incl. map of inaccessible areas, staking of locations)	60 days	Fri 10/15/10	Thu 1/6/11	NA	NA												
853	DTSC forward to CWG/TWG	3 days	Fri 1/7/11	Tue 1/11/11	NA	NA												

Project: PG&E Topock Remediation Project
Date: Tue 6/8/10

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Tasks Not Started/In Progress 
Tasks Finished 

Baseline Schedule 
Milestone 

Overall Task Duration 

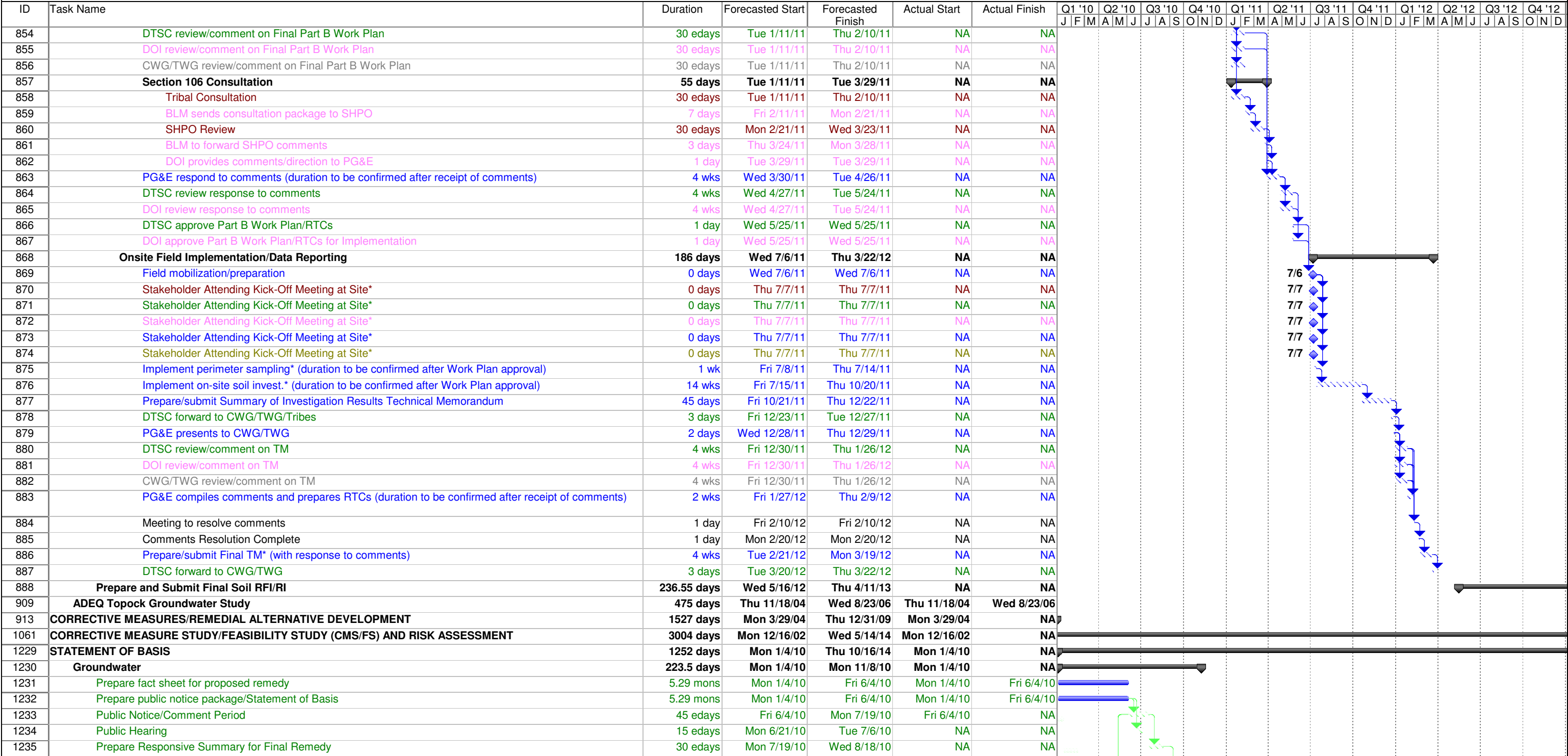
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DTSC Tribes/SHPO Other CA Agencies AZ Agencies

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							J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1236	DTSC adopts Final Remedy	0 days	Mon 11/8/10	Mon 11/8/10	NA	NA																								
1237	Soil	101 days	Thu 5/29/14	Thu 10/16/14	NA	NA																								
1244	RECORD OF DECISION	1350 days	Fri 12/18/09	Mon 2/16/15	Fri 12/18/09	NA																								
1245	Groundwater	250 days	Fri 12/18/09	Tue 11/30/10	Fri 12/18/09	NA																								
1246	Develop Proposed Plan	83.38 edays	Fri 12/18/09	Thu 3/11/10	Fri 12/18/09	Thu 3/11/10																								
1247	Prepare factsheet	168.38 edays	Fri 12/18/09	Fri 6/4/10	Fri 12/18/09	Fri 6/4/10																								
1248	Tribal Consultation	129.38 edays	Fri 3/12/10	Mon 7/19/10	Fri 3/12/10	NA																								
1249	Public Review and Comment	45 edays	Fri 6/4/10	Mon 7/19/10	Fri 6/4/10	NA																								
1250	CWG Review and Comment	45 edays	Fri 6/4/10	Mon 7/19/10	Fri 6/4/10	NA																								
1251	PG&E Review and Comment	45 edays	Fri 6/4/10	Mon 7/19/10	Fri 6/4/10	NA																								
1252	Response to Comments	30 edays	Mon 7/19/10	Wed 8/18/10	NA	NA																								
1253	Prepare ROD and Responsiveness Summary	30 edays	Wed 8/18/10	Fri 9/17/10	NA	NA																								
1254	DOI Approval Process	74 edays	Fri 9/17/10	Tue 11/30/10	NA	NA																								
1255	Issue Groundwater ROD	0 days	Tue 11/30/10	Tue 11/30/10	NA	NA																								
1256	Soil	198 days	Wed 5/14/14	Mon 2/16/15	NA	NA																								
1267	Section 106 Programmatic Agreement (PA)	531 days	Fri 10/10/08	Tue 10/19/10	Fri 10/10/08	NA																								
1268	On-going Programmatic Agreement (PA) Tribal Consultation and Consultation Party discussions	509 days	Fri 10/10/08	Fri 9/17/10	Fri 10/10/08	NA																								
1269	On-going Programmatic Agreement (PA) Tribal Consultation and Consultation Party discussions	509 days	Fri 10/10/08	Fri 9/17/10	Fri 10/10/08	NA																								
1270	On-going Programmatic Agreement (PA) Tribal Consultation and Consultation Party discussions	509 days	Fri 10/10/08	Fri 9/17/10	Fri 10/10/08	NA																								
1271	Preparation of Discussion Draft PA	174 days	Thu 1/1/09	Tue 9/1/09	Thu 1/1/09	Tue 9/1/09																								
1272	Consulting Parties review/comment on Discussion Draft PA	28 days	Wed 9/2/09	Fri 10/9/09	Wed 9/2/09	Fri 10/9/09																								
1273	Meeting scheduled with Consulting Parties	1 day	Thu 12/3/09	Thu 12/3/09	Thu 12/3/09	Thu 12/3/09																								
1274	Consulting parties submit preamble clauses	27 days	Fri 12/4/09	Mon 1/11/10	Fri 12/4/09	Mon 1/11/10																								
1275	Consulting parties submit preamble clauses	27 days	Fri 12/4/09	Mon 1/11/10	Fri 12/4/09	Mon 1/11/10																								
1276	Meeting scheduled with Consulting Parties	2 days	Wed 1/27/10	Thu 1/28/10	Wed 1/27/10	Thu 1/28/10																								
1277	Meeting scheduled with Consulting Parties	2 days	Tue 2/16/10	Wed 2/17/10	Tue 2/16/10	Wed 2/17/10																								
1278	Meeting scheduled with Consulting Parties	2 days	Thu 3/18/10	Fri 3/19/10	Thu 3/18/10	Fri 3/19/10																								
1279	Meeting scheduled with Consulting Parties	2 days	Mon 4/26/10	Tue 4/27/10	Mon 4/26/10	Tue 4/27/10																								
1280	Meeting scheduled with Consulting Parties	2 days	Wed 5/19/10	Thu 5/20/10	Wed 5/19/10	Thu 5/20/10																								
1281	Meeting scheduled with Consulting Parties	2 days	Mon 6/14/10	Tue 6/15/10	Mon 6/14/10	Tue 6/15/10																								
1282	Prepare Draft Agreement Document/send for comments	1 day	Sat 6/19/10	Sat 6/19/10	NA	NA																								
1283	Consulting parties review/comment on Draft PA	30 edays	Mon 6/21/10	Wed 7/21/10	NA	NA																								
1284	Consulting parties review/comment on Draft PA	30 edays	Mon 6/21/10	Wed 7/21/10	NA	NA																								
1285	Prepare Final Draft PA/send for comments	15 edays	Wed 7/21/10	Thu 8/5/10	NA	NA																								
1286	Consulting parties review/comment on Final Draft PA	30 edays	Thu 8/5/10	Sat 9/4/10	NA	NA																								
1287	Consulting parties review/comment on Final Draft PA	30 edays	Thu 8/5/10	Sat 9/4/10	NA	NA																								
1288	Prepare Final PA/send out for signatures	15 edays	Sat 9/4/10	Sun 9/19/10	NA	NA																								
1289	PA Complete	30 edays	Sun 9/19/10	Tue 10/19/10	NA	NA																								
1290	EIR DOCUMENTATION	2416 days	Thu 9/1/05	Sun 11/16/14	Thu 9/1/05	NA																								
1291	Scoping of EIR needs	45 days	Thu 9/1/05	Tue 11/1/05	Thu 9/1/05	Tue 11/1/05																								
1292	DTSC/PG&E, MOU signed for EIR	40 days	Wed 11/2/05	Tue 12/27/05	Wed 11/2/05	Tue 12/27/05																								
1293	EIR Contractor Interviews and Contract Negotiations	47 days	Thu 7/27/06	Fri 9/29/06	Thu 7/27/06	Fri 9/29/06																								
1294	Project Initiation	1 day	Tue 1/2/07	Tue 1/2/07	Tue 1/2/07	Tue 1/2/07																								
1295	Project and Remedy Alternatives Description and Technical Work Plan	376 days	Mon 9/10/07	Mon 2/16/09	Mon 9/10/07	NA																								
1310	NOP and scoping	277 days	Thu 1/10/08	Fri 1/30/09	Thu 1/10/08	Fri 1/30/09																								
1320	Program EIR	619.5 days	Tue 7/29/08	Wed 12/8/10	Tue 7/29/08	NA																								

Project: PG&E Topock Remediation Project
Date: Tue 6/8/10

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Tasks Not Started/In Progress 
Tasks Finished 

Baseline Schedule 
Milestone 

Overall Task Duration 

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
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 6A - Topock Remediation Detailed Project Schedule

June 16, 2010 (Revision 9)

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	Q1 '10	Q2 '10	Q3 '10	Q4 '10	Q1 '11	Q2 '11	Q3 '11	Q4 '11	Q1 '12	Q2 '12	Q3 '12	Q4 '12
							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
1321	Draft EIR preparation	456 days	Tue 7/29/08	Tue 4/27/10	Tue 7/29/08	NA												
1342	Draft EIR public review process	84 days	Tue 4/27/10	Wed 8/18/10	Tue 4/27/10	NA												
1343	DTSC provides Advanced Draft EIR to Tribes and Topock Leadership Partnership	1 day	Tue 4/27/10	Tue 4/27/10	Tue 4/27/10	Tue 4/27/10												
1344	DTSC files Draft EIR (DEIR), NOC w/ SCH. Notice of Availability is circulated/published. Circulate DEIR	0.38 edays	Fri 6/4/10	Fri 6/4/10	Fri 6/4/10	Fri 6/4/10												
1345	DTSC and AECOM conduct public hearing with public, tribes, and agencies	7 edays	Tue 6/22/10	Tue 6/29/10	NA	NA												
1346	PG&E review and comment	45 edays	Fri 6/4/10	Mon 7/19/10	Fri 6/4/10	NA												
1347	CWG review and comment	45 edays	Fri 6/4/10	Mon 7/19/10	Fri 6/4/10	NA												
1348	Tribal review and comment	45 edays	Fri 6/4/10	Mon 7/19/10	Fri 6/4/10	NA												
1349	Draft EIR public comment period closes	0 edays	Mon 7/19/10	Mon 7/19/10	NA	NA												
1350	AECOM assimilates comments and prepares Responsive Summary for Final EIR	30 edays	Mon 7/19/10	Wed 8/18/10	NA	NA												
1351	Final EIR	80.5 days	Mon 7/19/10	Mon 11/8/10	NA	NA												
1352	AECOM Submits Request for Work Authorization for Final EIR	5 days	Mon 7/19/10	Fri 7/23/10	NA	NA												
1353	PG&E Issues Work Authorization for Final EIR	20 days	Mon 7/26/10	Fri 8/20/10	NA	NA												
1354	AECOM prepares first administrative draft of final EIR for DTSC review	30 edays	Wed 8/18/10	Fri 9/17/10	NA	NA												
1355	DTSC reviews first administrative draft final EIR; provides comments to EDAW	20 edays	Fri 9/17/10	Thu 10/7/10	NA	NA												
1356	AECOM prepares screencheck final EIR	7.5 days	Thu 10/7/10	Mon 10/18/10	NA	NA												
1357	DTSC reviews screencheck final EIR and provides comments to EDAW	10 days	Mon 10/18/10	Mon 11/1/10	NA	NA												
1358	AECOM prepares draft Mitigation Monitoring Plan (MMP) for review by DTSC	7.5 days	Mon 10/18/10	Wed 10/27/10	NA	NA												
1359	DTSC distributes final EIR to public/commenting agencies/tribal representatives	5 days	Mon 11/1/10	Mon 11/8/10	NA	NA												
1360	Notice of Determination filing	22 days	Mon 11/8/10	Wed 12/8/10	NA	NA												
1361	Notice of Determination (NOD) is filed with County Clerk; posts for 30 calendar days	30 edays	Mon 11/8/10	Wed 12/8/10	NA	NA												
1362	Supplemental EIR - Soil	245 days	Mon 12/9/13	Sun 11/16/14	NA	NA												
1375	DESIGN, PERMITTING, AND CONSTRUCTION OF GROUNDWATER REMEDY	790.5 days	Tue 11/30/10	Wed 12/11/13	NA	NA												
1376	Corrective Measure Implementation/Remedial Design/Remedial Action (CMI/RD/RA) Workplan	134.5 days	Tue 11/30/10	Tue 6/7/11	NA	NA												
1377	Receipt of notification of DTSC's selection of the corrective measure	0 days	Wed 12/8/10	Wed 12/8/10	NA	NA												
1378	Receipt of notification of DOI's selection of the corrective measure	0 days	Tue 11/30/10	Tue 11/30/10	NA	NA												
1379	Prepare/submit Draft Workplan (include HSE)	90 edays	Wed 12/8/10	Tue 3/8/11	NA	NA												
1380	Prepare/update Public Involvement Plan	90 edays	Wed 12/8/10	Tue 3/8/11	NA	NA												
1381	DTSC forward Draft Workplan to CWG/TWG	3 days	Tue 3/8/11	Fri 3/11/11	NA	NA												
1382	CWG/TWG review of Draft Workplan	30 edays	Fri 3/11/11	Sun 4/10/11	NA	NA												
1383	Tribes review of Draft Workplan	30 edays	Fri 3/11/11	Sun 4/10/11	NA	NA												
1384	DTSC review/comment on Draft Workplan	45 edays	Fri 3/11/11	Mon 4/25/11	NA	NA												
1385	DOI review/comment on Draft Workplan	45 edays	Fri 3/11/11	Mon 4/25/11	NA	NA												
1386	Prepare/submit Final Workplan (duration to be confirmed after receipt of comments)	1 mon	Mon 4/25/11	Tue 5/24/11	NA	NA												
1387	DTSC review/approve Final Workplan	2 wks	Tue 5/24/11	Tue 6/7/11	NA	NA												
1388	DOI review/approve Final Workplan	2 wks	Tue 5/24/11	Tue 6/7/11	NA	NA												
1389	Design (Preliminary, Intermediate if needed, and Final RD/RA)/Section 106 Consultation	206 days	Tue 6/7/11	Wed 3/21/12	NA	NA												
1390	Preliminary Design	101 days	Tue 6/7/11	Wed 10/26/11	NA	NA												
1391	Prepare/submit Prelim Design Package (Draft Plans/Specs/Construction Work Plan/O&M Plan)	2 mons	Tue 6/7/11	Thu 8/4/11	NA	NA												
1392	DTSC forward to CWG/TWG	3 days	Thu 8/4/11	Tue 8/9/11	NA	NA												
1393	DTSC review/comment on Draft Design Package	45 edays	Tue 8/9/11	Fri 9/23/11	NA	NA												
1394	DOI review/comment on Draft Design Package	45 edays	Tue 8/9/11	Fri 9/23/11	NA	NA												
1395	CWG/TWG review of Draft Design Package	30 edays	Tue 8/9/11	Thu 9/8/11	NA	NA												
1396	Section 106 Consultation	56 days	Tue 8/9/11	Wed 10/26/11	NA	NA												
1397	Tribal Consultation	30 edays	Tue 8/9/11	Thu 9/8/11	NA	NA												
1398	BLM sends consultation package to SHPO	7 days	Thu 9/8/11	Mon 9/19/11	NA	NA												

Project: PG&E Topock Remediation Project
Date: Tue 6/8/10

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Tasks Not Started/In Progress 
Tasks Finished 

Baseline Schedule 
Milestone 

Overall Task Duration 

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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 6A - Topock Remediation Detailed Project Schedule

June 16, 2010 (Revision 9)

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	Q1 '10	Q2 '10	Q3 '10	Q4 '10	Q1 '11	Q2 '11	Q3 '11	Q4 '11	Q1 '12	Q2 '12	Q3 '12	Q4 '12
							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
1399	SHPO Review	30 edays	Tue 9/20/11	Thu 10/20/11	NA	NA												
1400	BLM forward SHPO comments	3 days	Thu 10/20/11	Tue 10/25/11	NA	NA												
1401	DOI provides comments/direction to PG&E	1 day	Tue 10/25/11	Wed 10/26/11	NA	NA												
1402	Final Design/RD/RA	105 days	Wed 10/26/11	Wed 3/21/12	NA	NA												
1403	Prepare/submit Final Design Package (Final Plans/Specs/Construction Plan/O&M Plan)	2 mons	Wed 10/26/11	Fri 12/23/11	NA	NA												
1404	DTSC forward to CWG/TWG	3 days	Fri 12/23/11	Wed 12/28/11	NA	NA												
1405	DTSC review/approve Final Design Package	45 edays	Wed 12/28/11	Sat 2/11/12	NA	NA												
1406	DOI review/comment on Final Design Package	45 edays	Wed 12/28/11	Sat 2/11/12	NA	NA												
1407	CWG/TWG review of Final Design Package	30 edays	Wed 12/28/11	Fri 1/27/12	NA	NA												
1408	Section 106 Consultation	60 days	Wed 12/28/11	Wed 3/21/12	NA	NA												
1409	Tribal Consultation (over holidays)	30 edays	Wed 12/28/11	Fri 1/27/12	NA	NA												
1410	BLM sends consultation package to SHPO	7 days	Fri 1/27/12	Tue 2/7/12	NA	NA												
1411	SHPO Review	30 edays	Wed 2/8/12	Fri 3/9/12	NA	NA												
1412	BLM sign off on SHPO concurrence	3 days	Fri 3/9/12	Wed 3/14/12	NA	NA												
1413	DOI Approval for Implementation	5 days	Wed 3/14/12	Wed 3/21/12	NA	NA												
1414	Approvals/ARARs Compliance/Agreements	84 days	Wed 3/21/12	Tue 7/17/12	NA	NA												
1415	ESA Section 7 Consultation (PBA Addendum)	60 days	Wed 3/21/12	Wed 6/13/12	NA	NA												
1416	Other Approvals and ARARs Compliance	4 mons	Wed 3/21/12	Tue 7/17/12	NA	NA												
1417	Landowner Agreements/Leasing/ROW Agreements	4 mons	Wed 3/21/12	Tue 7/17/12	NA	NA												
1418	Implementation (Note that 106 Consultation will occur during implementation if well locations need to change or more wells are needed and during maintenance and monitoring if new wells are added)	365 days	Wed 7/18/12	Wed 12/11/13	NA	NA												
1419	Prepare/issue factsheet for Corrective Measures Implementation requirements	30 edays	Wed 7/18/12	Fri 8/17/12	NA	NA												
1420	Prepare/issue factsheet for Remedy Implementation	30 edays	Wed 7/18/12	Fri 8/17/12	NA	NA												
1421	Public briefing	1 day	Fri 8/17/12	Mon 8/20/12	NA	NA												
1422	Procurement/Construction	12 mons	Mon 8/20/12	Wed 8/7/13	NA	NA												
1423	Start Operation of Final Remedy	0 days	Wed 8/7/13	Wed 8/7/13	NA	NA												
1424	Prepare/submit Construction Completion Report	60 days	Wed 8/7/13	Wed 10/30/13	NA	NA												
1425	DOI review and approval of Construction Completion Report	30 days	Wed 10/30/13	Wed 12/11/13	NA	NA												
1426	DTSC review and approval of Construction Completion Report	30 days	Wed 10/30/13	Wed 12/11/13	NA	NA												

Project: PG&E Topock Remediation Project
Date: Tue 6/8/10

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Tasks Not Started/In Progress 
Tasks Finished 

Baseline Schedule 
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