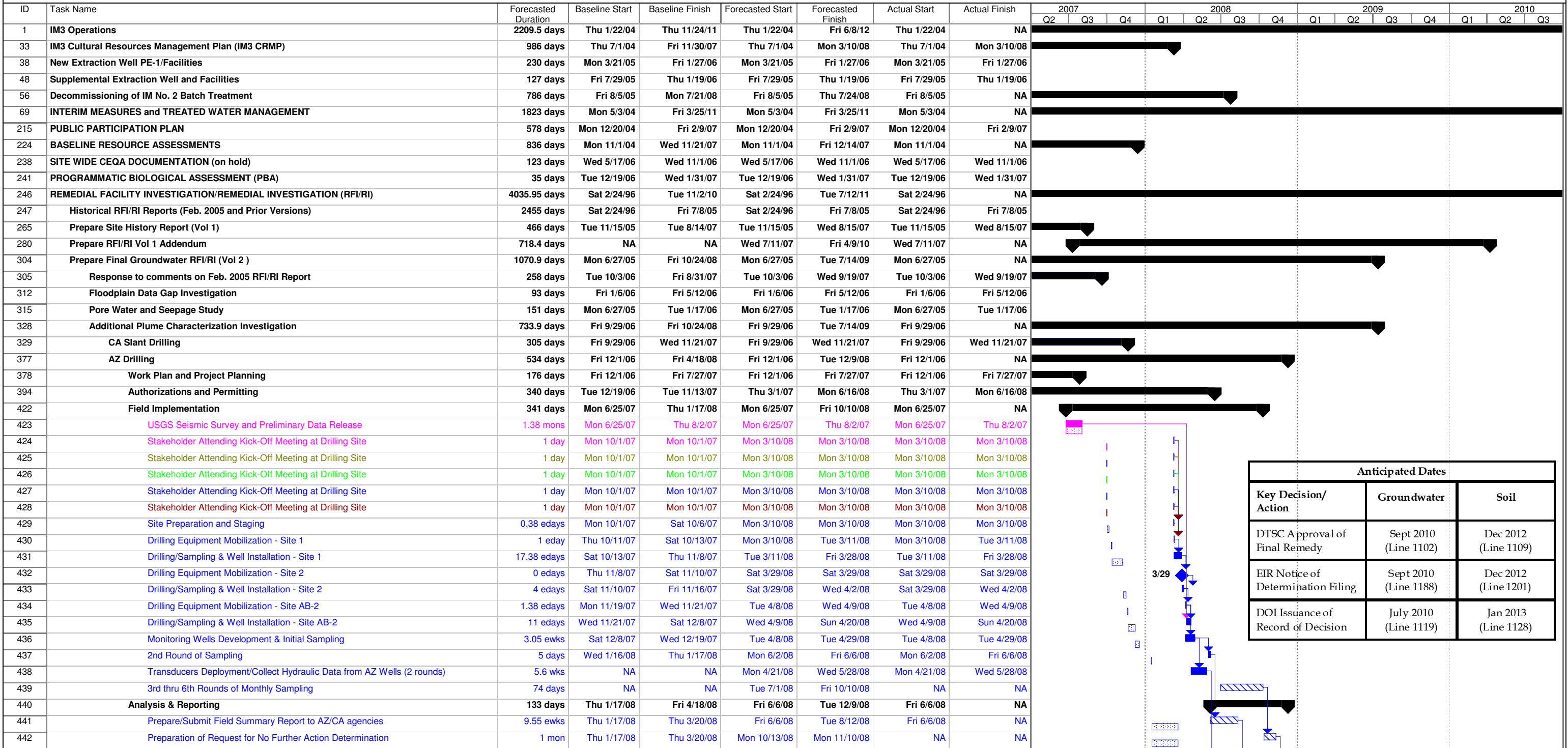


Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)



Project: PG&E Topock Remediation Project
Date: Tue 6/10/08

Page 1 of 14

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).
*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.

Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

ID	Task Name	Forecasted Duration	Baseline Start	Baseline Finish	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2007			2008				2009				2010									
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3							
443	PG&E Submit Request for No Further Action to ADEQ	1 day	Fri 3/21/08	Fri 3/21/08	Tue 11/11/08	Tue 11/11/08	NA	NA																					
444	ADEQ review/approve Request for No Further Action*	4 wks	Mon 3/24/08	Fri 4/18/08	Wed 11/12/08	Tue 12/9/08	NA	NA																					
445	Additional Bedrock Investigation	718.9 days	Fri 10/20/06	Mon 12/17/07	Fri 10/20/06	Tue 7/14/09	Fri 10/20/06	NA																					
446	PGE-7/PGE-8 Hydraulic Test and PGE-6 Decommissioning	393 days	NA	NA	Fri 10/20/06	Mon 4/14/08	Fri 10/20/06	Mon 4/14/08																					
509	East Ravine Investigation	446.9 days	NA	NA	Mon 10/29/07	Tue 7/14/09	Mon 10/29/07	NA																					
510	Workplan	206 days	NA	NA	Mon 10/29/07	Mon 8/11/08	Mon 10/29/07	NA																					
511	DTSC issues directive to PG&E	1 day	NA	NA	Mon 10/29/07	Mon 10/29/07	Mon 10/29/07	Mon 10/29/07																					
512	PG&E prepares/submits Workplan	31 days	NA	NA	Tue 10/30/07	Tue 12/11/07	Tue 10/30/07	Tue 12/11/07																					
513	DTSC sends Workplan to CWG/TWG	3 days	NA	NA	Wed 12/12/07	Fri 12/14/07	Wed 12/12/07	Fri 12/14/07																					
514	CWG reviews/comments on Workplan	17 days	NA	NA	Mon 12/17/07	Tue 1/8/08	Mon 12/17/07	Tue 1/8/08																					
515	TWG reviews/comments on Workplan	17 days	NA	NA	Mon 12/17/07	Tue 1/8/08	Mon 12/17/07	Tue 1/8/08																					
516	DTSC reviews/comments on Workplan	17 days	NA	NA	Mon 12/17/07	Tue 1/8/08	Mon 12/17/07	Tue 1/8/08																					
517	PG&E respond to agency comments	18 days	NA	NA	Wed 1/9/08	Fri 2/1/08	Wed 1/9/08	Fri 2/1/08																					
518	DTSC direction to revise Work Plan	70 days	NA	NA	Mon 2/4/08	Fri 5/9/08	Mon 2/4/08	Fri 5/9/08																					
519	DOI direction to revise Work Plan	91 days	NA	NA	Mon 2/4/08	Mon 6/9/08	Mon 2/4/08	Mon 6/9/08																					
520	PG&E prepare/submit Revised Work Plan	30 days	NA	NA	Tue 6/10/08	Mon 7/21/08	Tue 6/10/08	NA																					
521	DTSC forward to CWG/TWG	3 days	NA	NA	Tue 7/22/08	Thu 7/24/08	NA	NA																					
522	DTSC approves Revised Workplan	10 days	NA	NA	Tue 7/22/08	Mon 8/4/08	NA	NA																					
523	DOI approves Revised Workplan	10 days	NA	NA	Tue 7/22/08	Mon 8/4/08	NA	NA																					
524	PG&E submits request for approval to implement to DOI	5 days	NA	NA	Tue 8/5/08	Mon 8/11/08	NA	NA																					
525	Authorization and Permitting*	57 days	NA	NA	Mon 8/11/08	Wed 10/29/08	NA	NA																					
526	Sec 106 Consultation*	57 days	NA	NA	Mon 8/11/08	Wed 10/29/08	NA	NA																					
527	Tribal Consultation	30 edays	NA	NA	Mon 8/11/08	Wed 9/10/08	NA	NA																					
528	BLM Letter to SHPO	3 days	NA	NA	Thu 9/11/08	Mon 9/15/08	NA	NA																					
529	SHPO Consultation	30 edays	NA	NA	Mon 9/15/08	Wed 10/15/08	NA	NA																					
530	BLM sign off of SHPO concurrence	5 days	NA	NA	Thu 10/16/08	Wed 10/22/08	NA	NA																					
531	HNWR Approval Letter	5 days	NA	NA	Thu 10/23/08	Wed 10/29/08	NA	NA																					
532	Field Implementation (2 well locations, 2 sampling events)*	104.9 days	NA	NA	Thu 10/30/08	Wed 3/25/09	NA	NA																					
533	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Mon 12/1/08	Mon 12/1/08	NA	NA																					
534	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Mon 12/1/08	Mon 12/1/08	NA	NA																					
535	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Thu 10/30/08	Thu 10/30/08	NA	NA																					
536	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Thu 10/30/08	Thu 10/30/08	NA	NA																					
537	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Thu 10/30/08	Thu 10/30/08	NA	NA																					
538	Field Implementation (2 wells, 2 sampling events)	3.9 mons	NA	NA	Tue 12/2/08	Wed 3/25/09	NA	NA																					
539	Reporting*	79 days	NA	NA	Wed 3/25/09	Tue 7/14/09	NA	NA																					
540	PG&E prepare/submit Tech Memo	1 mon	NA	NA	Wed 3/25/09	Thu 4/23/09	NA	NA																					
541	DTSC forward TM to CWG/TWG	3 days	NA	NA	Thu 4/23/09	Tue 4/28/09	NA	NA																					
542	DTSC reviews/comments on TM	1 mon	NA	NA	Tue 4/28/09	Wed 5/27/09	NA	NA																					
543	DOI reviews/comments on TM	1 mon	NA	NA	Tue 4/28/09	Wed 5/27/09	NA	NA																					
544	CWG reviews/comments on TM	1 mon	NA	NA	Tue 4/28/09	Wed 5/27/09	NA	NA																					
545	TWG reviews/comments on TM	1 mon	NA	NA	Tue 4/28/09	Wed 5/27/09	NA	NA																					
546	PG&E respond to comments/finalizes TM	1 mon	NA	NA	Wed 5/27/09	Thu 6/25/09	NA	NA																					
547	DTSC reviews/approves final TM	10 days	NA	NA	Thu 6/25/09	Thu 7/9/09	NA	NA																					
548	DOI reviews/approves final TM	10 days	NA	NA	Thu 6/25/09	Thu 7/9/09	NA	NA																					

Project: PG&E Topock Remediation Project
Date: Tue 6/10/08

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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).
*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

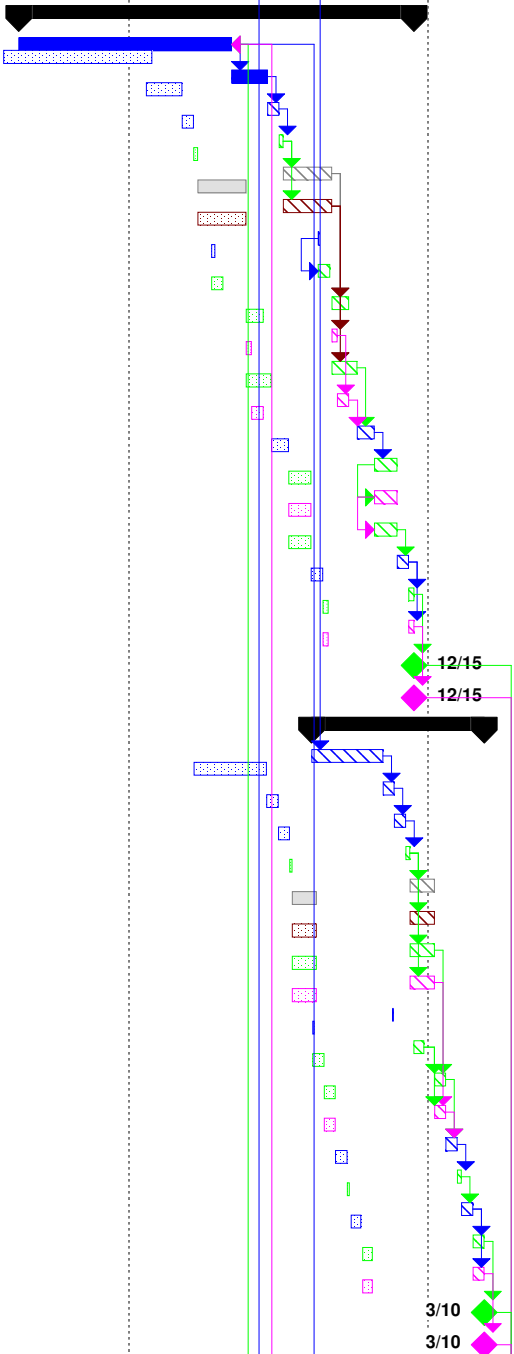
Major Assumptions
- Permits, CWG/ stakeholder review, and DTSC review & approvals are estimated.
- Actual dates may vary depending on field conditions.

Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

ID	Task Name	Forecasted Duration	Baseline Start	Baseline Finish	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2007				2008				2009				2010		
									Q2	Q3	Q4		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
549	PG&E issues final TM	3 days	NA	NA	Thu 7/9/09	Tue 7/14/09	NA	NA															
550	Prepare and Submit Final GW RFI/RI	346.05 days	Wed 8/1/07	Mon 9/1/08	Mon 8/20/07	Mon 12/15/08	Mon 8/20/07	NA															
551	Prepare Draft RFI/RI Vol 2 report	8.9 mons	Wed 8/1/07	Tue 1/29/08	Mon 8/20/07	Mon 5/5/08	Mon 8/20/07	Mon 5/5/08															
552	PG&E review/outreach with Tribes	1.52 mons	Tue 1/22/08	Thu 3/6/08	Tue 5/6/08	Wed 6/18/08	Tue 5/6/08	Wed 6/18/08															
553	Finalize and submit RFI/RI Vol 2 report to DTSC/DOI	2 wks	Thu 3/6/08	Thu 3/20/08	Thu 6/19/08	Wed 7/2/08	Thu 6/19/08	NA															
554	DTSC sends report to CWG/TWG and Tribes for review	3 days	Thu 3/20/08	Tue 3/25/08	Thu 7/3/08	Mon 7/7/08	NA	NA															
555	CWG/TWG Review and Provide Comments	2.05 mons	Tue 3/25/08	Fri 5/23/08	Tue 7/8/08	Fri 9/5/08	NA	NA															
556	Tribes Review and Provide Comments	2.05 mons	Tue 3/25/08	Fri 5/23/08	Tue 7/8/08	Fri 9/5/08	NA	NA															
557	PG&E presents Key Report Conclusions to CWG/TWG	1 day	Fri 4/11/08	Tue 4/15/08	Wed 8/20/08	Wed 8/20/08	NA	NA															
558	DTSC outreach with Tribes	2 wks	Fri 4/11/08	Fri 4/25/08	Wed 8/20/08	Tue 9/2/08	NA	NA															
559	DTSC convene to discuss stakeholders' comments	3 wks	Fri 5/23/08	Fri 6/13/08	Fri 9/5/08	Fri 9/26/08	NA	NA															
560	DOI convene to discuss stakeholders' comments	1 wk	Fri 5/23/08	Fri 5/30/08	Fri 9/5/08	Fri 9/12/08	NA	NA															
561	DTSC provide written comments/directives to PG&E	1 mon	Fri 5/23/08	Mon 6/23/08	Fri 9/5/08	Mon 10/6/08	NA	NA															
562	DOI provide written comments/directives to PG&E	2 wks	Fri 5/30/08	Fri 6/13/08	Fri 9/12/08	Fri 9/26/08	NA	NA															
563	PG&E prepares/submits response to comments to DTSC/DOI	3 wks	Mon 6/23/08	Mon 7/14/08	Mon 10/6/08	Mon 10/27/08	NA	NA															
564	DTSC review response to comments	4 wks	Mon 7/14/08	Mon 8/11/08	Mon 10/27/08	Mon 11/24/08	NA	NA															
565	DOI review response to comments	4 wks	Mon 7/14/08	Mon 8/11/08	Mon 10/27/08	Mon 11/24/08	NA	NA															
566	DTSC issues response to comments to CWG	4 wks	Mon 7/14/08	Mon 8/11/08	Mon 10/27/08	Mon 11/24/08	NA	NA															
567	Issue Final RFI/RI Vol 2 Report	10 days	Mon 8/11/08	Mon 8/25/08	Mon 11/24/08	Mon 12/8/08	NA	NA															
568	DTSC reviews Final RFI/RI Vol 2 Report	5 days	Mon 8/25/08	Mon 9/1/08	Mon 12/8/08	Mon 12/15/08	NA	NA															
569	DOI reviews Final RFI/RI Vol 2 Report	5 days	Mon 8/25/08	Mon 9/1/08	Mon 12/8/08	Mon 12/15/08	NA	NA															
570	DTSC issues approval letter for the RFI/RI Vol 2 Report	0 days	Mon 9/1/08	Mon 9/1/08	Mon 12/15/08	Mon 12/15/08	NA	NA															
571	DOI issues approval letter for the RFI/RI Vol 2 Report	0 days	Mon 9/1/08	Mon 9/1/08	Mon 12/15/08	Mon 12/15/08	NA	NA															
572	Prepare and Submit GW RFI/RI Addendum	151 days	Fri 3/21/08	Fri 10/24/08	Tue 8/12/08	Tue 3/10/09	NA	NA															
573	Prepare Draft RFI/RI Vol 2 addendum	3 mons	Fri 3/21/08	Tue 6/17/08	Tue 8/12/08	Thu 11/6/08	NA	NA															
574	PG&E review/outreach with Tribes	2 wks	Wed 6/18/08	Tue 7/1/08	Fri 11/7/08	Thu 11/20/08	NA	NA															
575	Finalize and submit RFI/RI Vol 2 addendum to DTSC/DOI	2 wks	Wed 7/2/08	Tue 7/15/08	Fri 11/21/08	Thu 12/4/08	NA	NA															
576	DTSC sends addendum to CWG/TWG and Tribes for review	3 days	Wed 7/16/08	Fri 7/18/08	Fri 12/5/08	Tue 12/9/08	NA	NA															
577	CWG/TWG review and provide comments	30 edays	Fri 7/18/08	Sun 8/17/08	Tue 12/9/08	Thu 1/8/09	NA	NA															
578	Tribes review and provide comments	30 edays	Fri 7/18/08	Sun 8/17/08	Tue 12/9/08	Thu 1/8/09	NA	NA															
579	DTSC review addendum	30 edays	Fri 7/18/08	Sun 8/17/08	Tue 12/9/08	Thu 1/8/09	NA	NA															
580	DOI review addendum	30 edays	Fri 7/18/08	Sun 8/17/08	Tue 12/9/08	Thu 1/8/09	NA	NA															
581	PG&E presents Key Conclusions to CWG/TWG	1 day	Wed 8/13/08	Thu 8/14/08	Wed 11/19/08	Wed 11/19/08	NA	NA															
582	DTSC outreach with Tribes	2 wks	Wed 8/13/08	Tue 8/26/08	Mon 12/15/08	Fri 12/26/08	NA	NA															
583	DTSC provide written comments/directives to PG&E	2 wks	Wed 8/27/08	Tue 9/9/08	Fri 1/9/09	Thu 1/22/09	NA	NA															
584	DOI provide written comments/directives to PG&E	2 wks	Wed 8/27/08	Tue 9/9/08	Fri 1/9/09	Thu 1/22/09	NA	NA															
585	PG&E prepares/submits response to comments to DTSC/DOI	2 wks	Wed 9/10/08	Tue 9/23/08	Fri 1/23/09	Thu 2/5/09	NA	NA															
586	DTSC sends response to comments to CWG/TWG	3 days	Wed 9/24/08	Fri 9/26/08	Fri 2/6/09	Tue 2/10/09	NA	NA															
587	Issue Final RFI/RI Vol 2 Addendum	10 days	Mon 9/29/08	Fri 10/10/08	Wed 2/11/09	Tue 2/24/09	NA	NA															
588	DTSC reviews Final RFI/RI Vol 2 Addendum	10 days	Mon 10/13/08	Fri 10/24/08	Wed 2/25/09	Tue 3/10/09	NA	NA															
589	DOI reviews Final RFI/RI Vol 2 Addendum	10 days	Mon 10/13/08	Fri 10/24/08	Wed 2/25/09	Tue 3/10/09	NA	NA															
590	DTSC review/issue approval letter for RFI/RI Vol 2 Addendum	0 days	Fri 10/24/08	Fri 10/24/08	Tue 3/10/09	Tue 3/10/09	NA	NA															
591	DOI review/issue approval letter for RFI/RI Vol 2 Addendum	0 days	Fri 10/24/08	Fri 10/24/08	Tue 3/10/09	Tue 3/10/09	NA	NA															
592	Prepare Final Soil RFI/RI (Vol 3)	1308.95 days	Sat 7/15/06	Tue 11/2/10	Sat 7/15/06	Tue 7/12/11	Sat 7/15/06	NA															



Project: PG&E Topock Remediation Project
Date: Tue 6/10/08

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Tasks Not Started/In Progress



Tasks Finished



Baseline Schedule



Milestone



Overall Task Duration



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Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

ID	Task Name	Forecasted Duration	Baseline Start	Baseline Finish	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2007			2008				2009				2010		
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
593	Implementation of Off-site Soil Sampling (Part A)	1085.4 days	Sat 7/15/06	Wed 12/23/09	Sat 7/15/06	Thu 9/2/10	Sat 7/15/06	NA														
594	Part A Phase I	698.5 days	Sat 7/15/06	Thu 7/31/08	Sat 7/15/06	Tue 3/10/09	Sat 7/15/06	NA														
595	Workplan	311 days	NA	NA	Sat 7/15/06	Thu 9/13/07	Sat 7/15/06	Thu 9/13/07														
621	Approval Process for Part A Phase I Investigation	240.5 days	Tue 8/28/07	Mon 12/10/07	Fri 9/14/07	Fri 8/15/08	Fri 9/14/07	NA														
622	Tribal Consultation*	72.38 edays	Tue 8/28/07	Sat 10/27/07	Wed 10/3/07	Fri 12/14/07	Wed 10/3/07	Fri 12/14/07														
623	SHPO Review	80.38 edays	Sat 10/27/07	Mon 11/26/07	Fri 1/11/08	Mon 3/31/08	Fri 1/11/08	Mon 3/31/08														
624	PBA Compliance Review	29.5 days	Wed 8/29/07	Mon 9/17/07	Fri 9/14/07	Thu 10/25/07	Fri 9/14/07	Thu 10/25/07														
625	PG&E submit grading details for accessing AOC-10 and AOC-11	1 day	NA	NA	Fri 1/11/08	Fri 1/11/08	Fri 1/11/08	Fri 1/11/08														
626	Topock site walk to review grading details (PG&E, DOI)	1 day	NA	NA	Thu 4/17/08	Thu 4/17/08	Thu 4/17/08	Thu 4/17/08														
627	DOI direction on Part A	1 day	NA	NA	Thu 4/24/08	Thu 4/24/08	Thu 4/24/08	Thu 4/24/08														
628	PG&E resubmit preferred access pathways for AOC-10 and AOC-11	1 day	NA	NA	Fri 5/2/08	Fri 5/2/08	Fri 5/2/08	Fri 5/2/08														
629	Meeting to review April 14 direction on Part A	1 day	NA	NA	Tue 5/6/08	Tue 5/6/08	Tue 5/6/08	Tue 5/6/08														
630	Topock site walk - sampling locals at BCW, AOC-10 details, IM3 background locations (PG&E, DOI, DTSC)	1 day	NA	NA	Wed 5/21/08	Wed 5/21/08	Wed 5/21/08	Wed 5/21/08														
631	DOI determines whether additional consultation is required	7 days	Tue 11/27/07	Mon 12/10/07	Thu 5/22/08	Fri 5/30/08	Thu 5/22/08	Fri 5/30/08														
632	DOI issues conditional approval letter to implement Work Plan	3 days	NA	NA	Mon 6/2/08	Wed 6/4/08	Mon 6/2/08	Wed 6/4/08														
633	PG&E reviews/clarifies conditions in approval letter	7 days	NA	NA	Thu 6/5/08	Fri 6/13/08	Thu 6/5/08	NA														
634	Caltrans Encroachment Permit	177 days	Tue 8/28/07	Sat 12/1/07	Thu 9/27/07	Fri 5/30/08	Thu 9/27/07	NA														
639	Arizona DOT Encroachment Permit	29 days	NA	NA	Fri 2/15/08	Wed 3/26/08	Fri 2/15/08	Wed 3/26/08														
642	BNSF Environmental Access Permit	212 days	NA	NA	Thu 9/27/07	Fri 7/18/08	Thu 9/27/07	NA														
643	Prepare/submit application to BNSF	38 days	NA	NA	Thu 9/27/07	Mon 11/19/07	Thu 9/27/07	Mon 11/19/07														
644	BNSF review/issue permit*	241.38 edays	NA	NA	Tue 11/20/07	Fri 7/18/08	Tue 11/20/07	NA														
645	BNSF Culvert Crossing Authorization (AOC-1/AOC-14)	212 days	NA	NA	Thu 9/27/07	Fri 7/18/08	Thu 9/27/07	NA														
646	Prepare/submit application to BNSF	38 days	NA	NA	Thu 9/27/07	Mon 11/19/07	Thu 9/27/07	Mon 11/19/07														
647	BNSF review/issue permit*	241.38 edays	NA	NA	Tue 11/20/07	Fri 7/18/08	Tue 11/20/07	NA														
648	BNSF Grade Crossing Authorization (for equipment)	212 days	NA	NA	Thu 9/27/07	Fri 7/18/08	Thu 9/27/07	NA														
649	Prepare/submit application to BNSF	38 days	NA	NA	Thu 9/27/07	Mon 11/19/07	Thu 9/27/07	Mon 11/19/07														
650	BNSF review the grade crossing application	125.38 edays	NA	NA	Tue 11/20/07	Mon 3/24/08	Tue 11/20/07	Mon 3/24/08														
651	BNSF denies the application since PG&E no longer needs the permit because the AOC-14 crossing has been included in the AOC-1 crossing application	84 days	NA	NA	Tue 3/25/08	Fri 7/18/08	Tue 3/25/08	NA														
652	USACE 404 Permit/CERCLA Exemption	30 days	NA	NA	Thu 12/20/07	Wed 1/30/08	Thu 12/20/07	Wed 1/30/08														
654	Colorado River Basin RWQCB Section 401 permit	30 days	NA	NA	Thu 12/20/07	Wed 1/30/08	Thu 12/20/07	Wed 1/30/08														
656	San Bernardino County Grading Permit - not required due to CERCLA exemption	48 days	NA	NA	Wed 12/12/07	Fri 2/15/08	Wed 12/12/07	Fri 2/15/08														
659	San Bernardino County Well/Boring Permit - not required due to CERCLA exemption	12 days	NA	NA	Fri 2/15/08	Mon 3/3/08	Fri 2/15/08	Mon 3/3/08														
660	CDFG Notification/Process	10 days	NA	NA	Mon 8/4/08	Fri 8/15/08	NA	NA														
661	Part A Phase I Field Implementation/Data Reporting	452.5 days	Thu 1/10/08	Thu 7/31/08	Mon 6/18/07	Tue 3/10/09	Mon 6/18/07	NA														
662	Implement Phase I off-site soil investigation*	61 days	Thu 1/10/08	Wed 3/19/08	Mon 8/18/08	Mon 11/10/08	NA	NA														
663	Stakeholder Attending Site Kick-Off Meeting (actual KO date will be confirmed once all permits are in hand)	1 day	NA	NA	Mon 8/18/08	Mon 8/18/08	NA	NA														
664	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Mon 8/18/08	Mon 8/18/08	NA	NA														
665	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Mon 8/18/08	Mon 8/18/08	NA	NA														
666	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Mon 8/18/08	Mon 8/18/08	NA	NA														
667	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Mon 8/18/08	Mon 8/18/08	NA	NA														
668	Field Implementation	9.8 wks	NA	NA	Tue 8/19/08	Fri 10/24/08	NA	NA														
669	Data Validation/Data Management	45 days	NA	NA	Tue 9/9/08	Mon 11/10/08	NA	NA														
670	Supplemental Soil Analysis	36 days	NA	NA	Mon 9/22/08	Mon 11/10/08	NA	NA														

Project: PG&E Topock Remediation Project
Date: Tue 6/10/08

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Tasks Not Started/In Progress



Tasks Finished



Baseline Schedule



Milestone



Overall Task Duration



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

- Permits, CWG/ stakeholder review, and DTSC review & approvals are estimated.

- Actual dates may vary depending on field conditions.

Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

ID	Task Name	Forecasted Duration	Baseline Start	Baseline Finish	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2007			2008				2009				2010									
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3							
671	2006 Soil and Sediment Data Usability Assessment Tech Memo	298 days	NA	NA	Mon 6/18/07	Tue 8/5/08	Mon 6/18/07	NA																					
672	Resubmit 2006 Soil and Sediment Data Usability Assessment TM	1 day	Mon 6/18/07	Mon 6/18/07	Mon 6/18/07	Mon 6/18/07	Mon 6/18/07	Mon 6/18/07																					
673	DTSC review/comment on Data Usability Assessment Tech Memo	54 days	Tue 6/19/07	Fri 8/31/07	Tue 6/19/07	Fri 8/31/07	Tue 6/19/07	Fri 8/31/07																					
674	DOI review/comment on Data Usability Assessment Tech Memo	54 days	Tue 6/19/07	Fri 8/31/07	Tue 6/19/07	Fri 8/31/07	Tue 6/19/07	Fri 8/31/07																					
675	PG&E submits response to comments	50 days	NA	NA	Fri 8/31/07	Wed 11/7/07	Fri 8/31/07	Wed 11/7/07																					
676	DTSC reviews/provides direction to finalize TM	153 days	NA	NA	Wed 11/7/07	Fri 6/6/08	Wed 11/7/07	NA																					
677	DOI reviews/provides direction to finalize TM	148 days	NA	NA	Wed 11/7/07	Fri 5/30/08	Wed 11/7/07	Fri 5/30/08																					
678	PG&E finalizes/submits Final TM	1 mon	NA	NA	Mon 6/9/08	Mon 7/7/08	Mon 6/9/08	NA																					
679	DTSC reviews/approves Final TM	1 mon	NA	NA	Tue 7/8/08	Tue 8/5/08	NA	NA																					
680	DOI reviews/approves Final TM	1 mon	NA	NA	Tue 7/8/08	Tue 8/5/08	NA	NA																					
681	PG&E issues Final TM	0 days	NA	NA	Tue 8/5/08	Tue 8/5/08	NA	NA																					
682	Groundwater Screening Level Approach Tech Memo	45 days	NA	NA	Mon 5/19/08	Fri 7/18/08	Mon 5/19/08	NA																					
683	Prepare/Submit GSL Tech Memo	45 days	NA	NA	Mon 5/19/08	Fri 7/18/08	Mon 5/19/08	NA																					
684	Ecological Comparison Values Tech Memos	283.5 days	NA	NA	Thu 2/7/08	Tue 3/10/09	Thu 2/7/08	NA																					
685	TM No. 3 - Ecological Comparison Values for Inorganics/PAHs	80 days	NA	NA	Thu 2/7/08	Wed 5/28/08	Thu 2/7/08	Wed 5/28/08																					
686	Prepare/Submit Tech Memo	80 days	NA	NA	Thu 2/7/08	Wed 5/28/08	Thu 2/7/08	Wed 5/28/08																					
687	TM No. 4 - Additional Ecological Comparison Values	71 days	NA	NA	Mon 12/1/08	Tue 3/10/09	NA	NA																					
688	Prepare/Submit Tech Memo	71 days	NA	NA	Mon 12/1/08	Tue 3/10/09	NA	NA																					
689	Soil Background Data Tech Memo	29 days	NA	NA	Mon 10/13/08	Thu 11/20/08	NA	NA																					
690	Calculation of Soil Background Data/Prep Tech Memo	29 days	NA	NA	Mon 10/13/08	Thu 11/20/08	NA	NA																					
691	Part A Phase 1 Results Tech Memo	144.5 days	NA	NA	Wed 8/20/08	Tue 3/10/09	NA	NA																					
692	Prepare/submit Part A Phase 1 TM	60 edays	Thu 3/20/08	Wed 6/11/08	Thu 11/20/08	Mon 1/19/09	NA	NA																					
693	DTSC forward to CWG/TWG/Tribes	3 days	Thu 6/12/08	Mon 6/16/08	Tue 1/20/09	Thu 1/22/09	NA	NA																					
694	PG&E presents to TWG/CWG	2 days	Wed 6/18/08	Thu 6/19/08	Wed 8/20/08	Thu 8/21/08	NA	NA																					
695	DTSC review and comment on TM	1.5 mons	Tue 6/17/08	Wed 7/30/08	Fri 1/23/09	Mon 3/9/09	NA	NA																					
696	DOI review and comments on TM	1.5 mons	Tue 6/17/08	Wed 7/30/08	Fri 1/23/09	Mon 3/9/09	NA	NA																					
697	FMIT/CRIT/Hualapai/Chemuevi/Tribes review and comment on TM	1.5 mons	Tue 6/17/08	Wed 7/30/08	Fri 1/23/09	Mon 3/9/09	NA	NA																					
698	Agency/Tribes/PG&E meet to discuss comments	1 day	Wed 7/30/08	Thu 7/31/08	Mon 3/9/09	Tue 3/10/09	NA	NA																					
699	Part A Phase II	386.9 days	Thu 7/31/08	Wed 12/23/09	Tue 3/10/09	Thu 9/2/10	NA	NA																					
700	Prepare Part A Phase II Work Plan (incl. staking of locations)	3 mons	Thu 7/31/08	Tue 10/28/08	Tue 3/10/09	Fri 6/5/09	NA	NA																					
701	DTSC send Part A Phase II Workplan to CWG/TWG	3 days	Tue 10/28/08	Fri 10/31/08	Fri 6/5/09	Wed 6/10/09	NA	NA																					
702	CWG/TWG review and comment	30 edays	Fri 10/31/08	Sun 11/30/08	Wed 6/10/09	Fri 7/10/09	NA	NA																					
703	DTSC review and comment	30 edays	Fri 10/31/08	Sun 11/30/08	Wed 6/10/09	Fri 7/10/09	NA	NA																					
704	DOI review and comment	30 edays	Fri 10/31/08	Sun 11/30/08	Wed 6/10/09	Fri 7/10/09	NA	NA																					
705	PG&E respond to comments	10 days	Mon 12/1/08	Fri 12/12/08	Fri 7/10/09	Fri 7/24/09	NA	NA																					
706	DTSC review response to comments	30 edays	Fri 12/12/08	Sun 1/11/09	Fri 7/24/09	Sun 8/23/09	NA	NA																					
707	DOI review response to comments	30 edays	Fri 12/12/08	Sun 1/11/09	Fri 7/24/09	Sun 8/23/09	NA	NA																					
708	DTSC send Part A Phase II approval letter to PG&E	0 days	Mon 1/12/09	Mon 1/12/09	Mon 8/24/09	Mon 8/24/09	NA	NA																					
709	Prepare/submit a Request for Approval to Implement Phase II Investigation	10 days	Tue 1/13/09	Mon 1/26/09	Tue 8/25/09	Mon 9/7/09	NA	NA																					
710	Approval Process for Phase II Investigation	81 days	Mon 1/26/09	Tue 5/19/09	Mon 9/7/09	Tue 12/29/09	NA	NA																					
711	Tribal Consultation*	60 edays	Mon 1/26/09	Fri 3/27/09	Mon 9/7/09	Fri 11/6/09	NA	NA																					
712	BLM send Addendum to SHPO	7 days	Mon 3/30/09	Tue 4/7/09	Mon 11/9/09	Tue 11/17/09	NA	NA																					
713	SHPO Review	30 edays	Tue 4/7/09	Thu 5/7/09	Tue 11/17/09	Thu 12/17/09	NA	NA																					
714	BLM signs off on SHPO concurrence	3 days	Fri 5/8/09	Tue 5/12/09	Fri 12/18/09	Tue 12/22/09	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 

edays = calendar days; days = work days
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*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.

Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

ID	Task Name	Forecasted Duration	Baseline Start	Baseline Finish	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2007			2008				2009				2010		
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
715	DOI approval	5 days	Wed 5/13/09	Tue 5/19/09	Wed 12/23/09	Tue 12/29/09	NA	NA														
716	Part A Phase II Field Implementation/Data Reporting	154.4 days	Wed 5/20/09	Wed 12/23/09	Fri 1/29/10	Thu 9/2/10	NA	NA														
717	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Fri 1/29/10	Fri 1/29/10	NA	NA														
718	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Fri 1/29/10	Fri 1/29/10	NA	NA														
719	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Fri 1/29/10	Fri 1/29/10	NA	NA														
720	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Fri 1/29/10	Fri 1/29/10	NA	NA														
721	Stakeholder Attending Kick-Off Meeting at Site	1 day	NA	NA	Fri 1/29/10	Fri 1/29/10	NA	NA														
722	Implement Phase II off-site soil investigation*	1.9 mons	Wed 5/20/09	Thu 7/16/09	Mon 2/1/10	Fri 3/26/10	NA	NA														
723	Prepare/submit TM (data tables/figures) to describe distribution of COPC's	12 wks	Fri 7/17/09	Thu 10/8/09	Fri 3/26/10	Fri 6/18/10	NA	NA														
724	DTSC forward to CWG/TWG/Tribes	3 days	Fri 10/9/09	Tue 10/13/09	Fri 6/18/10	Wed 6/23/10	NA	NA														
725	PG&E presents to TWG/CWG	2 days	Wed 10/14/09	Thu 10/15/09	Wed 6/23/10	Fri 6/25/10	NA	NA														
726	DTSC review and comment on TM (data tables/figures)	1.5 mons	Wed 10/14/09	Thu 11/26/09	Wed 6/23/10	Fri 8/6/10	NA	NA														
727	DOI review and comments on TM (data tables/figures)	1.5 mons	Wed 10/14/09	Thu 11/26/09	Wed 6/23/10	Fri 8/6/10	NA	NA														
728	FMIT/CRIT/Hualapai/Chemuevi/Tribes review and comment on TM	1.5 mons	Wed 10/14/09	Thu 11/26/09	Wed 6/23/10	Fri 8/6/10	NA	NA														
729	Agency/Tribes/PG&E meet to discuss comments	1 day	Thu 12/3/09	Fri 12/4/09	Fri 8/13/10	Mon 8/16/10	NA	NA														
730	Prepare/submit response to comments	10 days	Fri 12/4/09	Fri 12/18/09	Mon 8/16/10	Mon 8/30/10	NA	NA														
731	DTSC forward response to comments to CWG/TWG	3 days	Fri 12/18/09	Wed 12/23/09	Mon 8/30/10	Thu 9/2/10	NA	NA														
732	Implementation of On-site Soil Sampling (Part B)	742.5 days	Wed 12/6/06	Thu 2/5/09	Wed 12/6/06	Thu 10/1/09	Wed 12/6/06	NA														
733	Work Plan	482 days	NA	NA	Wed 12/6/06	Wed 10/1/08	Wed 12/6/06	NA														
734	Submit Part B Work Plan Assumptions	1 day	Wed 12/6/06	Wed 12/6/06	Wed 12/6/06	Wed 12/6/06	Wed 12/6/06	Wed 12/6/06														
735	DTSC review of Part B Assumptions	62 days	Thu 12/7/06	Mon 2/26/07	Thu 12/7/06	Mon 2/26/07	Thu 12/7/06	Mon 2/26/07														
736	DOI review of Part B Assumptions	62 days	Thu 12/7/06	Mon 2/26/07	Thu 12/7/06	Mon 2/26/07	Thu 12/7/06	Mon 2/26/07														
737	DTSC set up a conference call to discuss Part B Assumptions	1 day	Tue 2/27/07	Tue 2/27/07	Tue 2/27/07	Tue 2/27/07	Tue 2/27/07	Tue 2/27/07														
738	Prepare/submit annotated DQO outlines for Part B (and A)	16 days	Tue 3/13/07	Tue 4/3/07	Tue 3/13/07	Tue 4/3/07	Tue 3/13/07	Tue 4/3/07														
739	DTSC/DOI/PG&E discuss annotated DQO outlines and Soil Work Plan issues	1 day	Wed 4/4/07	Wed 4/4/07	Wed 4/4/07	Wed 4/4/07	Wed 4/4/07	Wed 4/4/07														
740	DTSC issue comments on Part B DQO outline	1 day	NA	NA	Wed 5/23/07	Wed 5/23/07	Wed 5/23/07	Wed 5/23/07														
741	DOI issue comments on Part B DQO outline	1 day	NA	NA	Wed 5/23/07	Wed 5/23/07	Wed 5/23/07	Wed 5/23/07														
742	Conference call to clarify comments on Part B DQO outline	1 day	NA	NA	Wed 8/29/07	Wed 8/29/07	Wed 8/29/07	Wed 8/29/07														
743	Prepare/submit Draft Part B Work Plan	79 days	Fri 7/20/07	Wed 10/31/07	Wed 8/29/07	Fri 12/14/07	Wed 8/29/07	Fri 12/14/07														
744	DTSC send Draft Part B Work Plan to CWG for review	3 days	Thu 11/1/07	Mon 11/5/07	Mon 12/17/07	Wed 12/19/07	Mon 12/17/07	Wed 12/19/07														
745	DTSC review/combine comments and provide to PG&E	73 days	Thu 11/1/07	Wed 12/12/07	Mon 12/17/07	Wed 3/26/08	Mon 12/17/07	Wed 3/26/08														
746	DOI review and provide comments to DTSC	67 days	Thu 11/1/07	Wed 12/12/07	Mon 12/17/07	Tue 3/18/08	Mon 12/17/07	Tue 3/18/08														
747	Tribes review Draft Part B Work Plan	34 edays	Wed 10/31/07	Fri 11/30/07	Thu 12/20/07	Wed 1/23/08	Thu 12/20/07	Wed 1/23/08														
748	CWG review and send comments to DTSC/DOI	30 edays	Wed 10/31/07	Fri 11/30/07	Wed 12/19/07	Fri 1/18/08	Wed 12/19/07	Fri 1/18/08														
749	PG&E provide Response to Comments to DTSC/DOI	5.6 wks	Tue 1/1/08	Mon 1/21/08	Thu 3/27/08	Mon 5/5/08	Thu 3/27/08	Mon 5/5/08														
750	Discuss Key Issues with Comments and Overall Framework for Response	1 day	NA	NA	Wed 5/7/08	Wed 5/7/08	Wed 5/7/08	Wed 5/7/08														
751	DTSC/DOI review Response to Comments	2 wks	NA	NA	Tue 5/6/08	Mon 5/19/08	Tue 5/6/08	NA														
752	Part B Response to Comments Resolution Meetings	1 wk	NA	NA	Tue 5/20/08	Mon 5/26/08	NA	NA														
753	Prepare/submit Final Part B Work Plan	60 days	Fri 1/25/08	Thu 3/27/08	Tue 5/27/08	Mon 8/18/08	NA	NA														
754	DTSC review Final Part B Work Plan	1 mon	Fri 3/28/08	Fri 4/25/08	Tue 8/19/08	Tue 9/16/08	NA	NA														
755	DOI review and comment on Final Part B Work Plan	1 mon	Fri 3/28/08	Fri 4/25/08	Tue 8/19/08	Tue 9/16/08	NA	NA														
756	DTSC conditionally approve Part B Work Plan	1 day	Mon 4/28/08	Mon 4/28/08	Wed 9/17/08	Wed 9/17/08	NA	NA														
757	Prepare/submit a request for approval to implement Part B Work Plan	2 wks	Tue 4/29/08	Mon 5/12/08	Thu 9/18/08	Wed 10/1/08	NA	NA														
758	Approval Process for On-Site Sampling*	74 days	Mon 5/12/08	Fri 8/22/08	Wed 10/1/08	Tue 1/13/09	NA	NA														

Project: PG&E Topock Remediation Project
Date: Tue 6/10/08

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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).
*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.

Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

ID	Task Name	Forecasted Duration	Baseline Start	Baseline Finish	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2007			2008				2009				2010		
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
764	Part B Field Implementation/Data Reporting	186.5 days	Mon 8/25/08	Thu 2/5/09	Wed 1/14/09	Thu 10/1/09	NA	NA														
782	Prepare and Submit Final Soil RFI/RI	226.55 days	Fri 12/18/09	Tue 11/2/10	Mon 8/30/10	Tue 7/12/11	NA	NA														
783	Prepare Draft RFI/RI Vol 3 report	3 mons	Fri 12/18/09	Wed 3/17/10	Mon 8/30/10	Thu 11/25/10	NA	NA														
784	PG&E outreach with Tribes	1 mon	Tue 3/2/10	Wed 3/31/10	Wed 11/10/10	Thu 12/9/10	NA	NA														
785	Finalize and submit RFI/RI Vol 3 report to DTSC/DOI	2 wks	Wed 3/31/10	Wed 4/14/10	Thu 12/9/10	Thu 12/23/10	NA	NA														
786	DTSC sends report to CWG/TWG and Tribes for review	3 days	Wed 4/14/10	Mon 4/19/10	Thu 12/23/10	Tue 12/28/10	NA	NA														
787	CWG/TWG Review and Provide Comments	2.05 mons	Mon 4/19/10	Thu 6/17/10	Tue 12/28/10	Fri 2/25/11	NA	NA														
788	Tribes Review and Provide Comments	2.05 mons	Mon 4/19/10	Thu 6/17/10	Tue 12/28/10	Fri 2/25/11	NA	NA														
789	PG&E presents Key Report Conclusions/Recommendations to CWG/TWG	2 days	Mon 4/19/10	Wed 4/21/10	Tue 12/28/10	Thu 12/30/10	NA	NA														
790	DTSC outreach with Tribes	2 wks	Mon 4/19/10	Mon 5/3/10	Tue 12/28/10	Tue 1/11/11	NA	NA														
791	DTSC convene to discuss stakeholders' comments	3 wks	Thu 6/17/10	Thu 7/8/10	Fri 2/25/11	Fri 3/18/11	NA	NA														
792	DOI convene to discuss stakeholders' comments	1 wk	Thu 6/17/10	Thu 6/24/10	Fri 2/25/11	Fri 3/4/11	NA	NA														
793	DTSC provide written comments/directives to PG&E	1 mon	Thu 6/17/10	Fri 7/16/10	Fri 2/25/11	Mon 3/28/11	NA	NA														
794	DOI provide written comments/directives to PG&E	2 wks	Thu 6/24/10	Thu 7/8/10	Fri 3/4/11	Fri 3/18/11	NA	NA														
795	PG&E prepares response to comments/revise RFI/RI Vol. 3	1.5 mons	Fri 7/16/10	Tue 8/31/10	Mon 3/28/11	Tue 5/10/11	NA	NA														
796	DTSC issues response to comments to CWG/TWG/Tribes	3 days	Tue 8/31/10	Fri 9/3/10	Tue 5/10/11	Fri 5/13/11	NA	NA														
797	DOI review and provide comments on Revised RFI/RI Vol. 3	4 wks	Tue 8/31/10	Tue 9/28/10	Tue 5/10/11	Tue 6/7/11	NA	NA														
798	DTSC review and provide comments on revised RFI/RI Vol. 3	4 wks	Tue 8/31/10	Tue 9/28/10	Tue 5/10/11	Tue 6/7/11	NA	NA														
799	PG&E prepares response to comments/replacement pages	2 wks	Tue 9/28/10	Tue 10/12/10	Tue 6/7/11	Tue 6/21/11	NA	NA														
800	DTSC review and and approve RFI/RI Vol. 3	2 wks	Tue 10/12/10	Tue 10/26/10	Tue 6/21/11	Tue 7/5/11	NA	NA														
801	DOI review and approve RFI/RI Vol. 3 Report	2 wks	Tue 10/12/10	Tue 10/26/10	Tue 6/21/11	Tue 7/5/11	NA	NA														
802	PG&E issues Final Soil RFI/RI Vol 3	1 wk	Tue 10/26/10	Tue 11/2/10	Tue 7/5/11	Tue 7/12/11	NA	NA														
803	ADEQ Topock Groundwater Study	475 days	Thu 11/18/04	Wed 8/23/06	Thu 11/18/04	Wed 8/23/06	Thu 11/18/04	Wed 8/23/06														
807	CORRECTIVE MEASURES/REMEDIAL ALTERNATIVE DEVELOPMENT	1273 days	Mon 3/29/04	Wed 10/15/08	Mon 3/29/04	Fri 1/9/09	Mon 3/29/04	NA														
808	Supplemental Field Studies	1273 days	Mon 3/29/04	Wed 10/15/08	Mon 3/29/04	Fri 1/9/09	Mon 3/29/04	NA														
809	Aerobic/Anaerobic Core Testing	1115 days	Mon 3/29/04	Fri 3/14/08	Mon 3/29/04	Tue 6/3/08	Mon 3/29/04	Tue 6/3/08														
810	2004-2005 Core Testing	290 days	Mon 3/29/04	Tue 4/26/05	Mon 3/29/04	Tue 4/26/05	Mon 3/29/04	Tue 4/26/05														
818	2006-2007 Core Testing	606 days	Tue 2/21/06	Fri 3/14/08	Tue 2/21/06	Tue 6/3/08	Tue 2/21/06	Tue 6/3/08														
819	Collect core samples from MW-44 and MW-47	7 days	Tue 2/21/06	Wed 3/1/06	Tue 2/21/06	Wed 3/1/06	Tue 2/21/06	Wed 3/1/06														
820	Submit test plan to DTSC	1 day	Fri 6/2/06	Fri 6/2/06	Fri 6/2/06	Fri 6/2/06	Fri 6/2/06	Fri 6/2/06														
821	DTSC review/approval of test plan	243 days	Mon 6/5/06	Tue 5/1/07	Mon 6/5/06	Tue 5/1/07	Mon 6/5/06	Tue 5/1/07														
822	Conduct laboratory testing of MW-44 and MW-47 cores	7 mons	Fri 6/1/07	Fri 12/21/07	Fri 6/1/07	Fri 12/21/07	Fri 6/1/07	Fri 12/21/07														
823	Submit anaerobic core test report	117 days	Mon 12/24/07	Fri 3/14/08	Mon 12/24/07	Tue 6/3/08	Mon 12/24/07	Tue 6/3/08														
824	Geotechnical studies for physical barrier	213 days	Mon 3/29/04	Fri 1/14/05	Mon 3/29/04	Fri 1/14/05	Mon 3/29/04	Fri 1/14/05														
833	Seismic Survey	62 days	Thu 10/28/04	Wed 8/15/07	Thu 10/28/04	Wed 1/19/05	Thu 10/28/04	Wed 1/19/05														
835	Groundwater Background Study	989 days	Thu 11/18/04	Wed 10/31/07	Thu 11/18/04	Mon 8/4/08	Thu 11/18/04	NA														
836	Steps 1 and 2 - Field Implementation and Reporting	410 days	Thu 11/18/04	Fri 5/26/06	Thu 11/18/04	Fri 5/26/06	Thu 11/18/04	Fri 5/26/06														
847	Steps 3 and 4 - Groundwater Background Study Report	499 days	Thu 9/14/06	Wed 10/31/07	Thu 9/14/06	Mon 8/4/08	Thu 9/14/06	NA														
848	Submit TM Outlining Approach to Calculating Background Values	1 day	Thu 9/14/06	Thu 9/14/06	Thu 9/14/06	Thu 9/14/06	Thu 9/14/06	Thu 9/14/06														
849	DTSC review/direct PG&E to proceed w/ Background Study Report	7.7 wks	Fri 9/15/06	Wed 11/8/06	Fri 9/15/06	Wed 11/8/06	Fri 9/15/06	Wed 11/8/06														
850	Prepare/submit Background Study Report to DTSC/DOI	12 wks	Thu 11/9/06	Thu 1/25/07	Thu 11/9/06	Thu 1/25/07	Thu 11/9/06	Thu 1/25/07														
851	Present prelim background values to CWG/TWG in Dec mtgs	2 days	Thu 12/21/06	Fri 12/22/06	Thu 12/21/06	Fri 12/22/06	Thu 12/21/06	Fri 12/22/06														
852	DTSC send Background Study Report to CWG/TWG for review	3 days	Fri 1/26/07	Tue 1/30/07	Fri 1/26/07	Tue 1/30/07	Fri 1/26/07	Tue 1/30/07														
853	FMIT review and comment	23 days	Wed 1/31/07	Fri 3/2/07	Wed 1/31/07	Fri 3/2/07	Wed 1/31/07	Fri 3/2/07														

Project: PG&E Topock Remediation Project
Date: Tue 6/10/08

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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 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

ID	Task Name	Forecasted Duration	Baseline Start	Baseline Finish	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2007			2008				2009				2010		
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
854	DTSC prelim review and comment (request additional figures/tables)	13 days	Wed 1/31/07	Fri 2/16/07	Wed 1/31/07	Fri 2/16/07	Wed 1/31/07	Fri 2/16/07														
855	DOI review and comment (USGS 2/28/07 memo)	21 days	Wed 1/31/07	Wed 2/28/07	Wed 1/31/07	Wed 2/28/07	Wed 1/31/07	Wed 2/28/07														
856	DTSC/USGS/PG&E discuss prelim comments at Feb TWG mtg	1 day	Wed 2/21/07	Wed 2/21/07	Wed 2/21/07	Wed 2/21/07	Wed 2/21/07	Wed 2/21/07														
857	DTSC/USGS/PG&E discuss follow-up tech issues from Feb TWG mtg	1 day	Mon 2/26/07	Mon 2/26/07	Mon 2/26/07	Mon 2/26/07	Mon 2/26/07	Mon 2/26/07														
858	Prepare/submit additional figures/tables requested by DTSC	9 days	Mon 2/19/07	Thu 3/1/07	Mon 2/19/07	Thu 3/1/07	Mon 2/19/07	Thu 3/1/07														
859	DTSC review and provide comments/direction	198 days	Fri 3/2/07	Fri 9/7/07	Fri 3/2/07	Fri 11/30/07	Fri 3/2/07	Fri 11/30/07														
860	DOI review/comment	212 days	NA	NA	Fri 3/2/07	Thu 12/20/07	Fri 3/2/07	Thu 12/20/07														
861	PG&E revise Background Study Report	6.2 wks	Mon 9/10/07	Fri 9/28/07	Mon 12/3/07	Mon 1/14/08	Mon 12/3/07	Mon 1/14/08														
862	PG&E submit additional outlier evaluation requested by DTSC	1 day	NA	NA	Tue 1/29/08	Tue 1/29/08	Tue 1/29/08	Tue 1/29/08														
863	DTSC review/comment on Revised Background Study Report	6.8 wks	Thu 10/18/07	Wed 10/31/07	Tue 1/15/08	Fri 2/29/08	Tue 1/15/08	Fri 2/29/08														
864	DOI review/comment on Revised Background Study Report	21.8 wks	Thu 10/18/07	Wed 10/31/07	Tue 1/15/08	Fri 6/13/08	Tue 1/15/08	NA														
865	Reach resolution on how comments will be addressed	5 days	NA	NA	Mon 6/16/08	Fri 6/20/08	NA	NA														
866	PG&E incorporate comments/finalize Background Study Report*	1 mon	NA	NA	Mon 6/23/08	Mon 7/21/08	NA	NA														
867	DTSC review/concur with Final Background Study Report	10 days	NA	NA	Tue 7/22/08	Mon 8/4/08	NA	NA														
868	DOI review/concur with Final Background Study Report	10 days	NA	NA	Tue 7/22/08	Mon 8/4/08	NA	NA														
869	Chromium Isotope Study	565 days	Fri 4/7/06	Thu 11/15/07	Fri 4/7/06	Fri 5/23/08	Fri 4/7/06	Fri 5/23/08														
870	Phase 1 Work Plan and Implementation	173 days	Fri 4/7/06	Thu 11/30/06	Fri 4/7/06	Thu 11/30/06	Fri 4/7/06	Thu 11/30/06														
873	Phase 2 Work Plan and Implementation	385 days	Tue 12/12/06	Thu 11/15/07	Tue 12/12/06	Fri 5/23/08	Tue 12/12/06	Fri 5/23/08														
874	TWG request from PG&E a list of wells proposed for Phase 2 (Dec TWG mtg)	1 day	Tue 12/12/06	Tue 12/12/06	Tue 12/12/06	Tue 12/12/06	Tue 12/12/06	Tue 12/12/06														
875	PG&E prepare/submit list of proposed wells	55 days	Wed 12/13/06	Wed 2/21/07	Wed 12/13/06	Wed 2/21/07	Wed 12/13/06	Wed 2/21/07														
876	DTSC/PG&E/USGS discuss list of proposed wells (Feb TWG mtg)	1 day	Thu 2/22/07	Thu 2/22/07	Thu 2/22/07	Thu 2/22/07	Thu 2/22/07	Thu 2/22/07														
877	DTSC/PG&E discuss about starting Phase 2 Work Plan preparation	8 days	Fri 2/23/07	Tue 3/6/07	Fri 2/23/07	Tue 3/6/07	Fri 2/23/07	Tue 3/6/07														
878	DTSC issues requirement for CIS Phase 2	1 day	Thu 4/5/07	Thu 4/5/07	Thu 4/5/07	Thu 4/5/07	Thu 4/5/07	Thu 4/5/07														
879	Prepare/submit Phase 2 Work Plan to DTSC/DOI	0.55 mons	Fri 3/9/07	Fri 4/6/07	Fri 3/9/07	Fri 4/6/07	Fri 3/9/07	Fri 4/6/07														
880	DTSC send Phase 2 Work Plan to CWG/TWG for review	5 days	Mon 4/9/07	Fri 4/13/07	Mon 4/9/07	Fri 4/13/07	Mon 4/9/07	Fri 4/13/07														
881	DTSC review/comment on Work Plan	14 days	Mon 4/9/07	Thu 4/26/07	Mon 4/9/07	Thu 4/26/07	Mon 4/9/07	Thu 4/26/07														
882	PG&E respond to comments	1 day	Fri 4/27/07	Fri 4/27/07	Fri 4/27/07	Fri 4/27/07	Fri 4/27/07	Fri 4/27/07														
883	DTSC approve Work Plan	1 day	Fri 4/27/07	Fri 4/27/07	Fri 4/27/07	Fri 4/27/07	Fri 4/27/07	Fri 4/27/07														
884	PG&E conduct field sampling/send samples to USGS lab	1 mon	Mon 4/30/07	Fri 5/25/07	Mon 4/30/07	Fri 5/25/07	Mon 4/30/07	Fri 5/25/07														
885	USGS conduct lab analysis/validate data	6.71 mons	Mon 6/4/07	Fri 8/24/07	Mon 6/4/07	Fri 12/14/07	Mon 6/4/07	Fri 12/14/07														
886	Prepare/submit Phase 2 Report to DTSC/DOI	22.4 wks	Mon 8/27/07	Mon 10/22/07	Mon 12/17/07	Tue 5/20/08	Mon 12/17/07	Tue 5/20/08														
887	DTSC send to CWG/TWG	3 days	Tue 10/23/07	Thu 10/25/07	Wed 5/21/08	Fri 5/23/08	Wed 5/21/08	Fri 5/23/08														
888	In situ pilot study work plans	208 days	Thu 11/4/04	Mon 8/8/05	Thu 11/4/04	Mon 8/8/05	Thu 11/4/04	Mon 8/8/05														
894	Floodplain in situ pilot study and reporting	793 days	Mon 8/8/05	Wed 12/12/07	Mon 8/8/05	Wed 8/6/08	Mon 8/8/05	NA														
895	Implementation of 1st - 4th Injections	420 days	Mon 8/8/05	Tue 3/6/07	Mon 8/8/05	Tue 3/6/07	Mon 8/8/05	Tue 3/6/07														
910	Implementation of 5th and 6th Injections (incl. Monitoring)	92 days	Mon 5/7/07	Fri 9/7/07	Mon 5/7/07	Fri 9/7/07	Mon 5/7/07	Fri 9/7/07														
911	Floodplain Pilot Test Status Reporting	546 days	Fri 6/16/06	Thu 10/11/07	Fri 6/16/06	Wed 8/6/08	Fri 6/16/06	NA														
912	Final Floodplain Pilot Test Report	118 days	Tue 9/4/07	Mon 12/3/07	Sat 9/22/07	Wed 3/5/08	Sat 9/22/07	Wed 3/5/08														
913	DTSC Send to CWG/TWG and Tribes	0 days	Tue 12/4/07	Thu 12/6/07	Thu 3/6/08	Thu 3/6/08	Thu 3/6/08	Thu 3/6/08														
914	Continue Post Completion Monitoring	110 days	NA	NA	Thu 3/6/08	Wed 8/6/08	Thu 3/6/08	NA														
915	Upland in situ pilot study implementation	688 days	Tue 5/30/06	Wed 10/15/08	Tue 5/30/06	Mon 1/5/09	Tue 5/30/06	NA														
916	Revised Upland Study Work Plan	183 days	Tue 5/30/06	Wed 1/31/07	Tue 5/30/06	Wed 1/31/07	Tue 5/30/06	Wed 1/31/07														
917	Authorization and Permitting	147 days	Wed 10/11/06	Fri 4/27/07	Wed 10/11/06	Fri 4/27/07	Wed 10/11/06	Fri 4/27/07														
937	Field Implementation and Reporting	502 days	NA	NA	Tue 2/6/07	Mon 1/5/09	Tue 2/6/07	NA														

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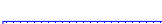
Tasks Not Started/In Progress



Tasks Finished



Baseline Schedule



Milestone



Overall Task Duration



edays = calendar days; days = work days
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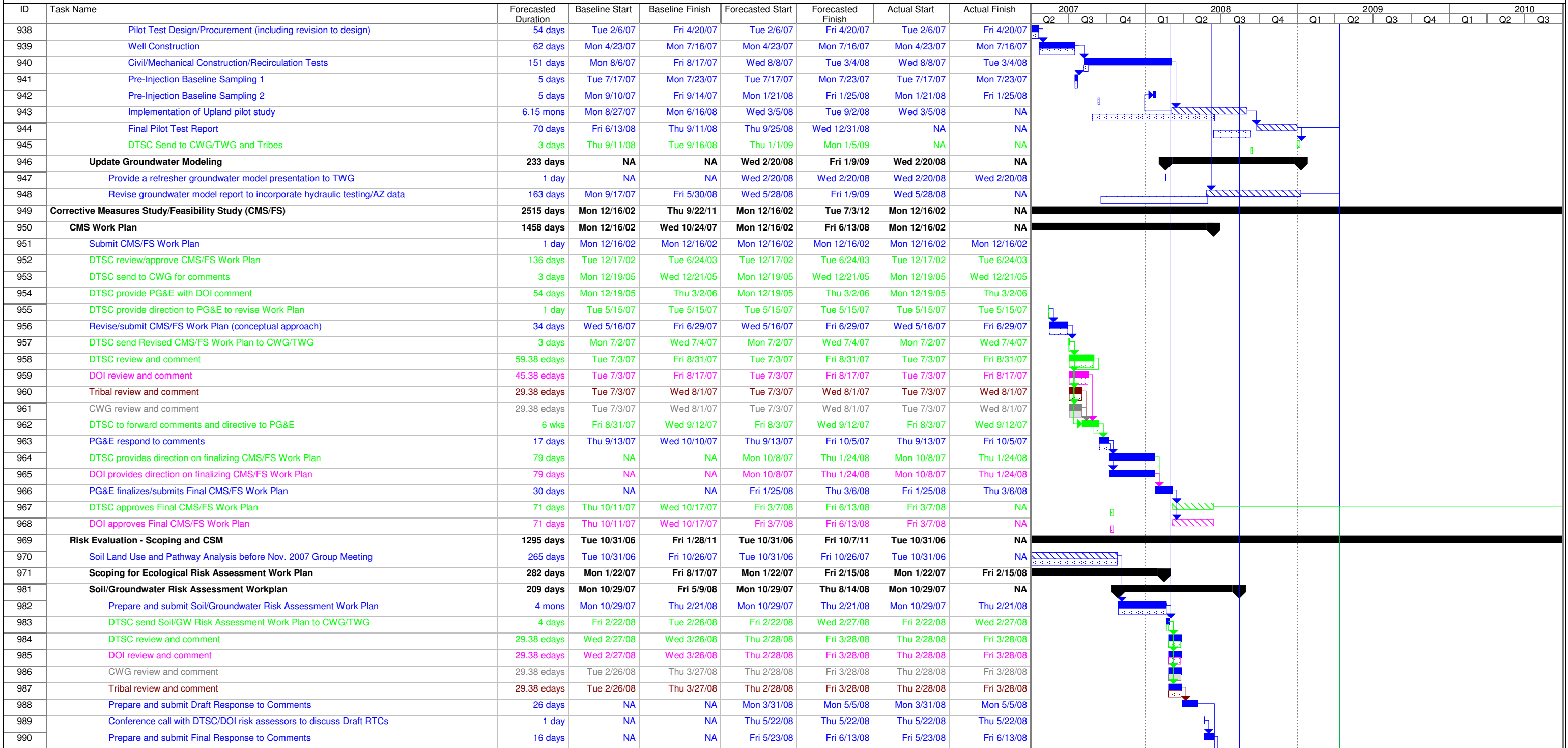
Color Coding:
PG&E Federal Agencies CWG/TWG Public
DTSC Tribes/SHPO Other CA Agencies AZ Agencies

Major Assumptions
- Permits, CWG/ stakeholder review, and DTSC review & approvals are estimated.
- Actual dates may vary depending on field conditions.

Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)



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

Tasks Finished 

Baseline Schedule 

Milestone 

Overall Task Duration 

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Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

ID	Task Name	Forecasted Duration	Baseline Start	Baseline Finish	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2007				2008				2009				2010		
									Q2	Q3	Q4		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
991	DTSC review/concur with Final Response to Comments	14 days	NA	NA	Mon 6/16/08	Thu 7/3/08	Mon 6/16/08	NA															
992	DOI review/concur with Final Response to Comments	5 days	NA	NA	Mon 6/16/08	Fri 6/20/08	Mon 6/16/08	NA															
993	Tribes review/concur with Response to Comments	5 days	NA	NA	Mon 6/16/08	Fri 6/20/08	Mon 6/16/08	NA															
994	Finalize Soil/Groundwater Risk Assessment Work Plan	28 edays	Fri 3/28/08	Fri 4/25/08	Thu 7/3/08	Thu 7/31/08	NA	NA															
995	DTSC review and approval	10 days	Mon 4/28/08	Fri 5/9/08	Fri 8/1/08	Thu 8/14/08	NA	NA															
996	DOI review and approval	10 days	Mon 4/28/08	Fri 5/9/08	Fri 8/1/08	Thu 8/14/08	NA	NA															
997	Groundwater Evaluation	171 days	Mon 5/12/08	Tue 1/6/09	Fri 8/15/08	Fri 4/10/09	NA	NA															
998	Prepare and submit Human Health (HH) and Eco GW risk evaluation	3 mons	Mon 5/12/08	Wed 8/6/08	Fri 8/15/08	Tue 11/11/08	NA	NA															
999	DTSC send GW Risk Evaluation to CWG/TWG	3 days	Thu 8/7/08	Mon 8/11/08	Wed 11/12/08	Fri 11/14/08	NA	NA															
1000	DTSC review and comment	30 edays	Mon 8/11/08	Wed 9/10/08	Fri 11/14/08	Sun 12/14/08	NA	NA															
1001	DOI review and comment	30 edays	Mon 8/11/08	Wed 9/10/08	Fri 11/14/08	Sun 12/14/08	NA	NA															
1002	CWG/TWG review and comments	30 edays	Mon 8/11/08	Wed 9/10/08	Fri 11/14/08	Sun 12/14/08	NA	NA															
1003	Tribal review and comment	30 edays	Mon 8/11/08	Wed 9/10/08	Fri 11/14/08	Sun 12/14/08	NA	NA															
1004	Address Review Comments and revise GW risk evaluation	1 mon	Thu 9/11/08	Thu 10/9/08	Mon 12/15/08	Mon 1/12/09	NA	NA															
1005	DTSC review and comment	30 edays	Thu 10/9/08	Sat 11/8/08	Mon 1/12/09	Wed 2/11/09	NA	NA															
1006	DOI review and comment	30 edays	Thu 10/9/08	Sat 11/8/08	Mon 1/12/09	Wed 2/11/09	NA	NA															
1007	Tribal review and comment	30 edays	Thu 10/9/08	Sat 11/8/08	Mon 1/12/09	Wed 2/11/09	NA	NA															
1008	Finalize risk evaluation	1 mon	Mon 11/10/08	Mon 12/8/08	Thu 2/12/09	Thu 3/12/09	NA	NA															
1009	DTSC review and approval	1 mon	Tue 12/9/08	Tue 1/6/09	Fri 3/13/09	Fri 4/10/09	NA	NA															
1010	DOI review and approval	1 mon	Tue 12/9/08	Tue 1/6/09	Fri 3/13/09	Fri 4/10/09	NA	NA															
1011	Soil Evaluation	188.05 days	Tue 5/11/10	Fri 1/28/11	Tue 1/18/11	Fri 10/7/11	NA	NA															
1012	Prepare and submit HH and Eco Soil risk evaluation	16 wks	Tue 5/11/10	Tue 8/31/10	Tue 1/18/11	Tue 5/10/11	NA	NA															
1013	DTSC send Soil Risk Evaluation to CWG/TWG	3 days	Tue 8/31/10	Fri 9/3/10	Tue 5/10/11	Fri 5/13/11	NA	NA															
1014	DTSC review and comment	30 edays	Fri 9/3/10	Sun 10/3/10	Fri 5/13/11	Sun 6/12/11	NA	NA															
1015	DOI review and comment	30 edays	Fri 9/3/10	Sun 10/3/10	Fri 5/13/11	Sun 6/12/11	NA	NA															
1016	CWG/TWG review and comment	30 edays	Fri 9/3/10	Sun 10/3/10	Fri 5/13/11	Sun 6/12/11	NA	NA															
1017	Tribes review and comment	30 edays	Fri 9/3/10	Sun 10/3/10	Fri 5/13/11	Sun 6/12/11	NA	NA															
1018	Address Review Comments and revise Soil risk evaluation	1 mon	Mon 10/4/10	Mon 11/1/10	Mon 6/13/11	Mon 7/11/11	NA	NA															
1019	DTSC review and comment	30 edays	Mon 11/1/10	Wed 12/1/10	Mon 7/11/11	Wed 8/10/11	NA	NA															
1020	DOI review and comment	30 edays	Mon 11/1/10	Wed 12/1/10	Mon 7/11/11	Wed 8/10/11	NA	NA															
1021	CWG review and comment	30 edays	Mon 11/1/10	Wed 12/1/10	Mon 7/11/11	Wed 8/10/11	NA	NA															
1022	Tribal review and comment	30 edays	Mon 11/1/10	Wed 12/1/10	Mon 7/11/11	Wed 8/10/11	NA	NA															
1023	Finalize risk evaluation	1 mon	Thu 12/2/10	Thu 12/30/10	Thu 8/11/11	Thu 9/8/11	NA	NA															
1024	DTSC review and approval	1 mon	Fri 12/31/10	Fri 1/28/11	Fri 9/9/11	Fri 10/7/11	NA	NA															
1025	DOI review and approval	1 mon	Fri 12/31/10	Fri 1/28/11	Fri 9/9/11	Fri 10/7/11	NA	NA															
1026	CMS/FS Report	1599 days	Tue 5/30/06	Thu 9/22/11	Tue 5/30/06	Tue 7/3/12	Tue 5/30/06	NA															
1027	Groundwater	950 days	Tue 5/30/06	Wed 11/4/09	Tue 5/30/06	Wed 1/6/10	Tue 5/30/06	NA															
1028	Prepare Groundwater CMS/FS	84 days	Wed 1/7/09	Mon 5/4/09	Mon 4/13/09	Thu 8/6/09	NA	NA															
1029	Define Remedial Objectives and Remedial Alternatives	3 mons	Wed 1/7/09	Fri 4/3/09	Mon 4/13/09	Wed 7/8/09	NA	NA															
1030	Evaluate Remedial Alternatives per CERCLA and RCRA criteria	1 mon	Mon 4/6/09	Mon 5/4/09	Thu 7/9/09	Thu 8/6/09	NA	NA															
1031	PG&E outreach with Tribes	1 mon	Mon 4/6/09	Mon 5/4/09	Thu 7/9/09	Thu 8/6/09	NA	NA															
1032	DTSC send Draft Groundwater CMS/FS to CWG/TWG	3 days	Tue 5/5/09	Thu 5/7/09	Fri 8/7/09	Tue 8/11/09	NA	NA															
1033	DTSC review and comment	30 edays	Thu 5/7/09	Sat 6/6/09	Tue 8/11/09	Thu 9/10/09	NA	NA															
1034	DOI review and comment	30 edays	Thu 5/7/09	Sat 6/6/09	Tue 8/11/09	Thu 9/10/09	NA	NA															

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Tasks Not Started/In Progress



Tasks Finished



Baseline Schedule



Milestone



Overall Task Duration



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*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.

Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

ID	Task Name	Forecasted Duration	Baseline Start	Baseline Finish	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2007			2008				2009				2010		
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1035	CWG/TWG review and comment	30 edays	Thu 5/7/09	Sat 6/6/09	Tue 8/11/09	Thu 9/10/09	NA	NA														
1036	FMIT provide written comments to DTSC/DOI	30 edays	Thu 5/7/09	Sat 6/6/09	Tue 8/11/09	Thu 9/10/09	NA	NA														
1037	Chemehuevi provide written comments to DTSC/DOI	30 edays	Thu 5/7/09	Sat 6/6/09	Tue 8/11/09	Thu 9/10/09	NA	NA														
1038	CRIT provide written comments to DTSC/DOI	30 edays	Thu 5/7/09	Sat 6/6/09	Tue 8/11/09	Thu 9/10/09	NA	NA														
1039	Haulapai provide written comments to DTSC/DOI	30 edays	Thu 5/7/09	Sat 6/6/09	Tue 8/11/09	Thu 9/10/09	NA	NA														
1040	PG&E respond to comments and revise CMS/FS	1 mon	Mon 6/8/09	Mon 7/6/09	Fri 9/11/09	Fri 10/9/09	NA	NA														
1041	DTSC review and comment	1 mon	Tue 7/7/09	Tue 8/4/09	Mon 10/12/09	Mon 11/9/09	NA	NA														
1042	DOI review and comment	1 mon	Tue 7/7/09	Tue 8/4/09	Mon 10/12/09	Mon 11/9/09	NA	NA														
1043	PG&E finalizes CMS/FS Report	1 mon	Wed 8/5/09	Wed 9/2/09	Tue 11/10/09	Tue 12/8/09	NA	NA														
1044	DTSC approval	1 mon	Thu 9/3/09	Thu 10/1/09	Wed 12/9/09	Wed 1/6/10	NA	NA														
1045	DOI approval	1 mon	Thu 9/3/09	Thu 10/1/09	Wed 12/9/09	Wed 1/6/10	NA	NA														
1046	Groundwater ARARs Identification/Compilation	905 days	Tue 5/30/06	Wed 11/4/09	Tue 5/30/06	Wed 11/4/09	Tue 5/30/06	NA														
1061	Soil	1599 days	Tue 5/30/06	Thu 9/22/11	Tue 5/30/06	Tue 7/3/12	Tue 5/30/06	NA														
1062	Prepare Soil CMS/FS	84 days	Mon 1/31/11	Thu 5/26/11	Mon 10/10/11	Thu 2/2/12	NA	NA														
1063	Define Remedial Objectives and Remedial Alternatives	3 mons	Mon 1/31/11	Wed 4/27/11	Mon 10/10/11	Wed 1/4/12	NA	NA														
1064	Evaluate Remedial Alternatives per CERCLA and RCRA criteria	1 mon	Thu 4/28/11	Thu 5/26/11	Thu 1/5/12	Thu 2/2/12	NA	NA														
1065	PG&E outreach with Tribes	1 mon	Thu 4/28/11	Thu 5/26/11	Thu 1/5/12	Thu 2/2/12	NA	NA														
1066	DTSC send Draft Soil CMS/FS to CWG/TWG	3 days	Fri 5/27/11	Tue 5/31/11	Fri 2/3/12	Tue 2/7/12	NA	NA														
1067	DTSC review and comment	1 mon	Fri 5/27/11	Fri 6/24/11	Wed 2/8/12	Wed 3/7/12	NA	NA														
1068	DOI review and comment	1 mon	Fri 5/27/11	Fri 6/24/11	Wed 2/8/12	Wed 3/7/12	NA	NA														
1069	CWG/TWG review and comment	1 mon	Thu 5/26/11	Sat 6/25/11	Wed 2/8/12	Wed 3/7/12	NA	NA														
1070	FMIT provide written comments to DTSC/DOI	1 mon	Fri 5/27/11	Fri 6/24/11	Wed 2/8/12	Wed 3/7/12	NA	NA														
1071	Chemehuevi provide written comments to DTSC/DOI	1 mon	Wed 4/27/11	Fri 5/27/11	Wed 2/8/12	Wed 3/7/12	NA	NA														
1072	CRIT provide written comments to DTSC/DOI	1 mon	Wed 4/27/11	Fri 5/27/11	Wed 2/8/12	Wed 3/7/12	NA	NA														
1073	Haulapai provide written comments to DTSC/DOI	1 mon	Wed 4/27/11	Fri 5/27/11	Wed 2/8/12	Wed 3/7/12	NA	NA														
1074	PG&E respond to comments and revise CMS/FS Report	1 mon	Mon 5/30/11	Mon 6/27/11	Thu 3/8/12	Thu 4/5/12	NA	NA														
1075	DTSC review and comment	1 mon	Tue 6/28/11	Tue 7/26/11	Fri 4/6/12	Fri 5/4/12	NA	NA														
1076	DOI review and comment	1 mon	Tue 6/28/11	Tue 7/26/11	Fri 4/6/12	Fri 5/4/12	NA	NA														
1077	PG&E finalizes CMS/FS Report	1 mon	Wed 7/27/11	Wed 8/24/11	Mon 5/7/12	Mon 6/4/12	NA	NA														
1078	DTSC approval	1 mon	Thu 8/25/11	Thu 9/22/11	Tue 6/5/12	Tue 7/3/12	NA	NA														
1079	DOI approval	1 mon	Thu 8/25/11	Thu 9/22/11	Tue 6/5/12	Tue 7/3/12	NA	NA														
1080	Soil ARARs Identification/Compilation	1599 days	Tue 5/30/06	Thu 9/22/11	Tue 5/30/06	Tue 7/3/12	Tue 5/30/06	NA														
1095	STATEMENT OF BASIS	752 days	Fri 10/16/09	Tue 2/7/12	Thu 1/21/10	Fri 12/7/12	NA	NA														
1096	Groundwater	178.5 days	Fri 10/16/09	Sun 2/14/10	Thu 1/21/10	Tue 9/28/10	NA	NA														
1097	Prepare fact sheet for proposed remedy	1 mon	Mon 12/7/09	Mon 1/4/10	Thu 1/21/10	Thu 2/18/10	NA	NA														
1098	Prepare public notice package/Statement of Basis	1 mon	Fri 10/16/09	Fri 11/13/09	Thu 1/21/10	Thu 2/18/10	NA	NA														
1099	Public Notice/Comment Period	62 edays	Tue 12/1/09	Fri 1/15/10	Mon 3/8/10	Sun 5/9/10	NA	NA														
1100	Public Hearing	30 edays	Tue 12/1/09	Thu 12/31/09	Mon 3/8/10	Wed 4/7/10	NA	NA														
1101	Response to public comments	30 edays	Fri 1/15/10	Sun 2/14/10	Sun 5/9/10	Tue 6/8/10	NA	NA														
1102	DTSC approves final remedy	0 days	Sun 2/14/10	Sun 2/14/10	Tue 9/28/10	Tue 9/28/10	NA	NA														
1103	Soil	103 days	Fri 10/7/11	Tue 2/7/12	Wed 7/18/12	Fri 12/7/12	NA	NA														
1104	Prepare fact sheet for proposed remedy	1 mon	Fri 10/7/11	Fri 11/4/11	Wed 7/18/12	Wed 8/15/12	NA	NA														
1105	Prepare public notice package/Statement of Basis	25 days	Fri 10/7/11	Thu 11/10/11	Wed 7/18/12	Tue 8/21/12	NA	NA														
1106	Public Notice/Comment Period	62 edays	Thu 11/24/11	Sun 1/8/12	Tue 9/4/12	Mon 11/5/12	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



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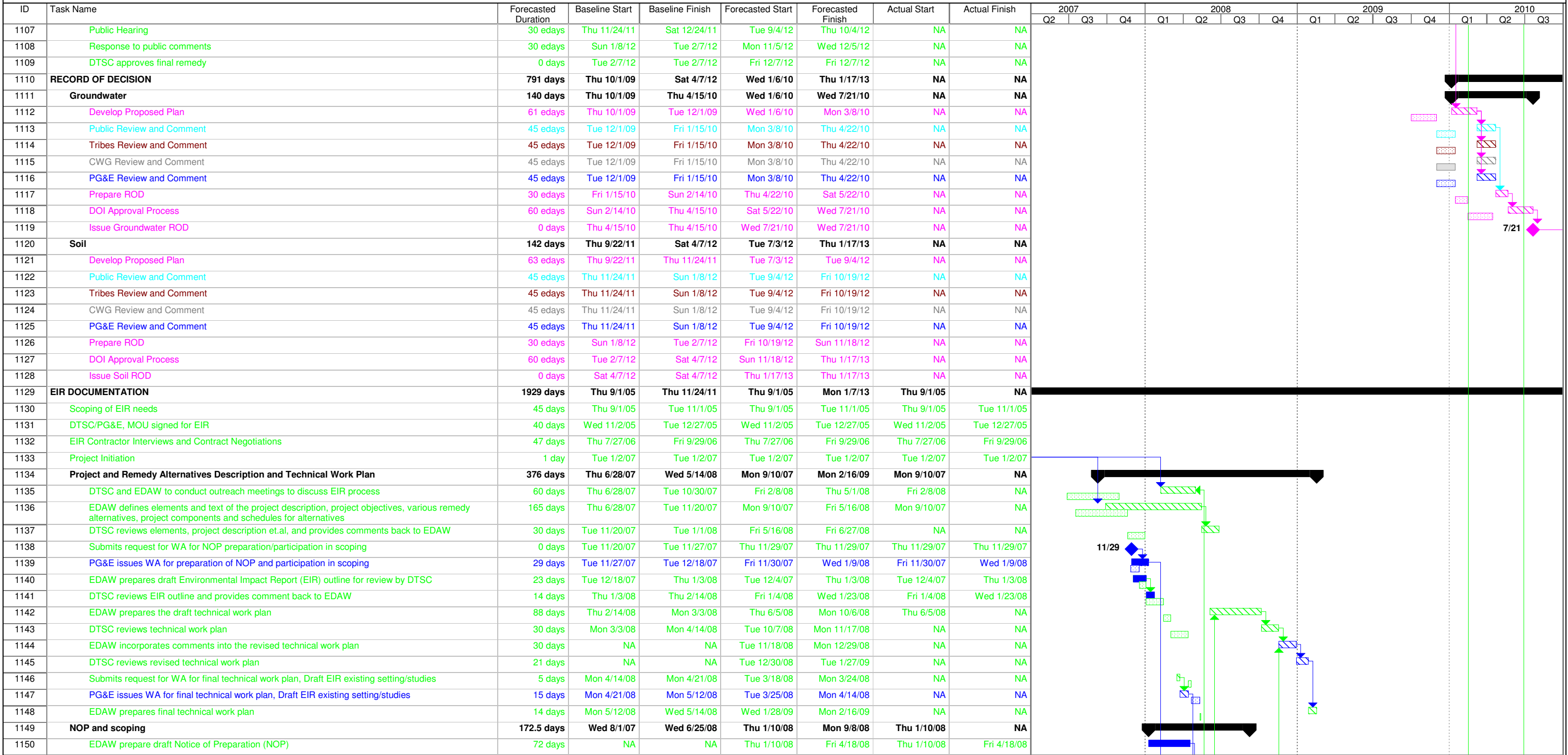
Color Coding:
PG&E Federal Agencies CWG/TWG Public
DTSC Tribes/SHPO Other CA Agencies AZ Agencies

Major Assumptions
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Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)



Project: PG&E Topock Remediation Project
Date: Tue 6/10/08

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Tasks Not Started/In Progress

Tasks Finished

Baseline Schedule

Milestone

Overall Task Duration

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Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

ID	Task Name	Forecasted Duration	Baseline Start	Baseline Finish	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2007				2008				2009				2010		
									Q2	Q3	Q4		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1151	EDAW prepare draft project information fact sheet	51 days	Tue 12/18/07	Tue 1/8/08	Fri 2/8/08	Fri 4/18/08	Fri 2/8/08	Fri 4/18/08															
1152	DTSC reviews and provides comments on fact sheet/NOP	5 days	Tue 1/8/08	Tue 2/12/08	Mon 4/21/08	Fri 4/25/08	Mon 4/21/08	Fri 4/25/08															
1153	EDAW incorporates comments for final NOP and fact sheet	3 days	Tue 2/12/08	Tue 2/19/08	Mon 4/28/08	Wed 4/30/08	Mon 4/28/08	Wed 4/30/08															
1154	DTSC distributes NOP to State Clearinghouse, tribes, other agencies and individuals; NOP circulates for 60 days	60 edays	Tue 3/18/08	Tue 4/29/08	Fri 5/2/08	Tue 7/1/08	Fri 5/2/08	NA															
1155	Scoping meetings are conducted with federal/state/local entities/tribal representatives	8 days	Wed 8/1/07	Mon 10/22/07	Tue 5/27/08	Thu 6/5/08	Tue 5/27/08	Thu 6/5/08															
1156	EDAW compiles and addresses verbal and written comments received from scoping meetings and distribution of NOP and provides to DTSC for review	30 days	Tue 2/5/08	Thu 2/28/08	Tue 7/1/08	Mon 8/11/08	NA	NA															
1157	DTSC review compiled written and verbal comments	10 days	NA	NA	Tue 8/12/08	Mon 8/25/08	NA	NA															
1158	Additional studies are conducted, if needed	66.5 days	Tue 3/25/08	Wed 6/25/08	Fri 6/6/08	Mon 9/8/08	NA	NA															
1159	Program EIR	662.5 days	Mon 5/12/08	Wed 5/20/09	Tue 4/15/08	Thu 10/28/10	NA	NA															
1160	Draft EIR preparation	469.5 days	Mon 5/12/08	Mon 12/8/08	Tue 4/15/08	Mon 2/1/10	NA	NA															
1161	EDAW submits request for Work Authorization for remaining Draft EIR related work	5 days	NA	NA	Mon 5/4/09	Fri 5/8/09	NA	NA															
1162	PG&E issues Work Authorization for remaining Draft EIR related work	15 days	NA	NA	Mon 5/11/09	Fri 5/29/09	NA	NA															
1163	EDAW prepares first administrative draft EIR	367 days	Mon 5/12/08	Mon 9/1/08	Tue 4/15/08	Wed 9/9/09	NA	NA															
1164	DTSC reviews first administrative draft EIR and NOC	30 days	Mon 9/1/08	Mon 10/13/08	Thu 9/10/09	Wed 10/21/09	NA	NA															
1165	EDAW addresses and incorporates comments into second draft	10 days	Mon 10/13/08	Mon 10/27/08	Thu 10/22/09	Wed 11/4/09	NA	NA															
1166	DTSC reviews second administrative draft EIR and NOC	30 days	Mon 10/27/08	Mon 12/8/08	Thu 11/5/09	Wed 12/16/09	NA	NA															
1167	EDAW prepares public notices, fact sheets and Notice of Availability	10 days	Mon 9/1/08	Mon 9/15/08	Thu 9/10/09	Wed 9/23/09	NA	NA															
1168	EDAW provides screencheck draft EIR and NOC to DTSC	7.5 days	Mon 9/15/08	Wed 9/24/08	Thu 12/17/09	Mon 12/28/09	NA	NA															
1169	DTSC provides comments to EDAW	15 days	Wed 9/24/08	Wed 10/15/08	Mon 12/28/09	Mon 1/18/10	NA	NA															
1170	EDAW incorporates comments into draft EIR and NOC	10 days	Wed 10/15/08	Wed 10/22/08	Mon 1/18/10	Mon 2/1/10	NA	NA															
1171	Draft EIR public review process	66 days	Wed 10/22/08	Fri 1/9/09	Mon 3/8/10	Tue 6/8/10	NA	NA															
1172	DTSC files draft EIR and NOC with SCH. Notice of Availability is circulated/published. Draft EIR circulates for 60 calendar days	60 edays	Wed 10/22/08	Sat 12/6/08	Mon 3/8/10	Fri 5/7/10	NA	NA															
1173	DTSC and EDAW conduct public hearing with public, tribes, and agencies	30 edays	Fri 10/31/08	Mon 11/3/08	Mon 3/8/10	Wed 4/7/10	NA	NA															
1174	PG&E review and comment	60 edays	Wed 10/22/08	Fri 11/21/08	Mon 3/8/10	Fri 5/7/10	NA	NA															
1175	CWG review and comment	60 edays	Wed 10/22/08	Fri 11/21/08	Mon 3/8/10	Fri 5/7/10	NA	NA															
1176	Tribal review and comment	60 edays	Wed 10/22/08	Fri 11/21/08	Mon 3/8/10	Fri 5/7/10	NA	NA															
1177	Draft EIR public comment period closes	1 eday	Fri 12/5/08	Fri 12/5/08	Fri 5/7/10	Sat 5/8/10	NA	NA															
1178	EDAW assimilates comments and prepares responses for inclusion in final EIR	30 edays	Mon 12/8/08	Fri 1/9/09	Sun 5/9/10	Tue 6/8/10	NA	NA															
1179	Final EIR	101.5 days	Mon 12/8/08	Mon 4/20/09	Mon 5/10/10	Tue 9/28/10	NA	NA															
1180	EDAW Submits Request for Work Authorization for Final EIR	5 days	Mon 12/8/08	Fri 12/12/08	Mon 5/10/10	Fri 5/14/10	NA	NA															
1181	PG&E Issues Work Authorization for Final EIR	20 days	Mon 12/15/08	Fri 1/2/09	Mon 5/17/10	Fri 6/11/10	NA	NA															
1182	EDAW prepares first administrative draft of final EIR for DTSC review	44 edays	Fri 1/2/09	Sun 2/15/09	Fri 6/11/10	Sun 7/25/10	NA	NA															
1183	DTSC reviews first administrative draft final EIR; provides comments to EDAW	30 edays	Sun 2/15/09	Tue 3/17/09	Sun 7/25/10	Tue 8/24/10	NA	NA															
1184	EDAW prepares screencheck final EIR	7.5 days	Wed 3/18/09	Fri 3/27/09	Wed 8/25/10	Fri 9/3/10	NA	NA															
1185	DTSC reviews screencheck final EIR and provides comments to EDAW	15 days	Fri 3/27/09	Fri 4/17/09	Fri 9/3/10	Fri 9/24/10	NA	NA															
1186	EDAW prepares draft Mitigation Monitoring Plan (MMP) for review by DTSC	7.5 days	Fri 3/27/09	Tue 4/7/09	Fri 9/3/10	Tue 9/14/10	NA	NA															
1187	DTSC distributes final EIR to public/commenting agencies/tribal representatives	1 day	Fri 4/17/09	Mon 4/20/09	Fri 9/24/10	Mon 9/27/10	NA	NA															
1188	Final EIR hearing conducted by DTSC; EIR certified	1 day	Mon 4/20/09	Mon 4/20/09	Mon 9/27/10	Tue 9/28/10	NA	NA															
1189	Notice of Determination filing	22 days	Mon 4/20/09	Wed 5/20/09	Tue 9/28/10	Thu 10/28/10	NA	NA															
1190	Notice of Determination (NOD) is filed with County Clerk; posts for 30 calendar days	30 edays	Mon 4/20/09	Wed 5/20/09	Tue 9/28/10	Thu 10/28/10	NA	NA															
1191	Supplemental EIR - Soil	239 days	Wed 6/1/11	Thu 11/24/11	Wed 2/8/12	Mon 1/7/13	NA	NA															
1192	Prepare Supplemental EIR	4 mons	Wed 6/1/11	Thu 7/28/11	Wed 2/8/12	Mon 6/4/12	NA	NA															
1193	Review/Comment/Approve	3.08 mons	Fri 7/29/11	Tue 10/25/11	Tue 6/5/12	Mon 9/3/12	NA	NA															

Project: PG&E Topock Remediation Project
Date: Tue 6/10/08

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Tasks Not Started/In Progress



Tasks Finished



Baseline Schedule



Milestone



Overall Task Duration



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Handout 4A

Topock Remediation Project Schedule

June 18, 2008 (Version 3)

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									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1194	Supplemental EIR circulates for 60 calendar days	62 edays	NA	NA	Tue 9/4/12	Mon 11/5/12	NA	NA														
1195	DTSC and EDAW conduct public hearing with public, tribes, and agencies	30 edays	NA	NA	Tue 9/4/12	Thu 10/4/12	NA	NA														
1196	PG&E review and comment	62 edays	NA	NA	Tue 9/4/12	Mon 11/5/12	NA	NA														
1197	CWG review and comment	62 edays	NA	NA	Tue 9/4/12	Mon 11/5/12	NA	NA														
1198	Tribal review and comment	62 edays	NA	NA	Tue 9/4/12	Mon 11/5/12	NA	NA														
1199	Supplemental EIR public comment period closes	1 day	NA	NA	Tue 11/6/12	Tue 11/6/12	NA	NA														
1200	EDAW assimilates comments and prepares responses for inclusion in Supplemental EIR	30 edays	NA	NA	Tue 11/6/12	Thu 12/6/12	NA	NA														
1201	Final Supplemental EIR hearing conducted; Supplemental EIR certified	1 day	NA	NA	Fri 12/7/12	Fri 12/7/12	NA	NA														
1202	Notice of Determination filing	21 days	Tue 10/25/11	Thu 11/24/11	Fri 12/7/12	Mon 1/7/13	NA	NA														
1203	Notice of Determination (NOD) is filed with County Clerk; posts for 30 calendar days	31 edays	Tue 10/25/11	Thu 11/24/11	Fri 12/7/12	Mon 1/7/13	NA	NA														
1204	DESIGN AND PERMITTING	420 days	Thu 4/15/10	Thu 11/24/11	Fri 10/29/10	Fri 6/8/12	NA	NA														
1205	Groundwater	420 days	Thu 4/15/10	Thu 11/24/11	Fri 10/29/10	Fri 6/8/12	NA	NA														
1206	Start Design and Permitting	0 days	Thu 4/15/10	Thu 4/15/10	Fri 10/29/10	Fri 10/29/10	NA	NA														
1207	CMI Workplan/Design	4 mons	Fri 4/16/10	Wed 8/11/10	Fri 10/29/10	Thu 2/24/11	NA	NA														
1208	DTSC Review and Approval	2 mons	Thu 8/12/10	Fri 10/8/10	Thu 2/24/11	Mon 4/25/11	NA	NA														
1209	WDRs	4 mons	Mon 10/11/10	Thu 2/3/11	Mon 4/25/11	Fri 8/19/11	NA	NA														
1210	CUPA	4 mons	Mon 10/11/10	Thu 2/3/11	Mon 4/25/11	Fri 8/19/11	NA	NA														
1211	USFWS Section 7 Consultation	4 mons	Mon 10/11/10	Thu 2/3/11	Mon 4/25/11	Fri 8/19/11	NA	NA														
1212	Other Permits	4 mons	Mon 10/11/10	Thu 2/3/11	Mon 4/25/11	Fri 8/19/11	NA	NA														
1213	Prepare Mitigation Monitoring Program	2 mons	Mon 10/11/10	Tue 12/7/10	Mon 4/25/11	Wed 6/22/11	NA	NA														
1214	Implementation/Construction/O&M Work Plans	3 mons	Mon 10/11/10	Wed 1/5/11	Mon 4/25/11	Thu 7/21/11	NA	NA														
1215	DTSC Review and Approval	2 mons	Thu 1/6/11	Fri 3/4/11	Thu 7/21/11	Mon 9/19/11	NA	NA														
1216	Procurement / Construction	9 mons	Mon 3/7/11	Thu 11/24/11	Mon 9/19/11	Fri 6/8/12	NA	NA														
1217	Corrective Measure Construction Complete	0 days	Thu 11/24/11	Thu 11/24/11	Fri 6/8/12	Fri 6/8/12	NA	NA														
1218	Start Operation of Final Remedy	0 days	Thu 11/24/11	Thu 11/24/11	Fri 6/8/12	Fri 6/8/12	NA	NA														