

HANDOUT 8A - TOPOCK REMEDIATION PROJECT SCHEDULE

OCTOBER 16, 2013 CWG MEETING (REV. 20)

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2013												2014												2015																																																																																																																																																																																																																																																																																								
							Qtr 3				Qtr 4				Qtr 1				Qtr 2				Qtr 3				Qtr 4				Qtr 1				Qtr 2				Qtr 3				Qtr 4				Qtr 1				Qtr 2				Qtr 3				Qtr 4																																																																																																																																																																																																																																																												
							J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D																																																																																														
832	SHPO Consultation	66.38 edays	Fri 5/27/11	Mon 8/1/11	Fri 5/27/11	Mon 8/1/11																																																																																																																																																																																																																																																																																																																	

Project: PG&E Topock Remediation Project

<p>Tasks Not Started/In Progress </p> <p>Tasks Finished </p> <p>Baseline Schedule </p> <p>Milestone </p>	<p>Inactive Task </p> <p>Inactive Milestone </p> <p>Inactive Summary </p>	<p>Overall Task Duration </p> <p>Manual Summary Rollup </p> <p>Manual Summary </p>	<p>Manual Task </p> <p>Duration-only </p> <p>Manual Summary </p>	<p>Start-only </p> <p>Finish-only </p>
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edays = calendar days; days = work days
 Baseline Schedule is the 8/15/07 CWG Schedule (rev 1, 12/12/07).
 *Timeframes shown are for planning purpose. Actual timeframes may vary.

Color Coding:

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

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

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							J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
1472	Prepare/submit Fresh Water Implementation Plan	1 day	Tue 11/20/12	Tue 11/20/12	Tue 11/20/12	Tue 11/20/12																				
1473	DTSC forward to CWG/TWG	0 days	Wed 11/21/12	Wed 11/21/12	Wed 11/21/12	Wed 11/21/12																				
1474	CWG/TWG review/comment on the Implementation Plan	19 days	Wed 11/21/12	Mon 12/17/12	Wed 11/21/12	Mon 12/17/12																				
1475	Tribal Consultation	49.38 edays	Wed 11/21/12	Wed 1/9/13	Wed 11/21/12	Wed 1/9/13																				
1476	DTSC review/comment on the Implementation Plan	23 days	Wed 11/21/12	Fri 12/21/12	Wed 11/21/12	Fri 12/21/12																				
1477	DOI review/comment on the Implementation Plan	36 days	Wed 11/21/12	Wed 1/9/13	Wed 11/21/12	Wed 1/9/13																				
1478	Response to Comments (RTCs)/Comment Resolution	174 days	Thu 1/3/13	Wed 9/4/13	Thu 1/3/13	Wed 9/4/13																				
1479	DOI met with Tribes to discuss comments	1 day	Wed 1/9/13	Wed 1/9/13	Wed 1/9/13	Wed 1/9/13																				
1480	Agencies and PG&E resolve comments	7 days	Thu 1/3/13	Fri 1/11/13	Thu 1/3/13	Fri 1/11/13																				
1481	Prepare/submit Revised Implementation Plan including RTCs	2.2 wks	Mon 1/14/13	Mon 1/28/13	Mon 1/14/13	Mon 1/28/13																				
1482	DTSC sent Revised Implementation Plan to CWG/TWG	5 days	Tue 1/29/13	Mon 2/4/13	Tue 1/29/13	Mon 2/4/13																				
1483	DTSC/ESA review/comment on the Revised Plan	14 days	Tue 2/5/13	Fri 2/22/13	Tue 2/5/13	Fri 2/22/13																				
1484	Consultation meeting with Interested Tribes	0 days	Wed 3/13/13	Wed 3/13/13	Wed 3/13/13	Wed 3/13/13																				
1485	Site visit following consultation meeting	0 days	Thu 3/14/13	Thu 3/14/13	Thu 3/14/13	Thu 3/14/13																				
1486	DOI issued direction to PG&E based on consultation meeting	9 days	Thu 3/14/13	Tue 3/26/13	Thu 3/14/13	Tue 3/26/13																				
1487	Prepare/submit RTCs	27 days	Wed 3/27/13	Thu 5/2/13	Wed 3/27/13	Thu 5/2/13																				
1488	Comment resolution meeting	13 days	Fri 5/3/13	Tue 5/21/13	Fri 5/3/13	Tue 5/21/13																				
1489	Comment resolution complete (1.5 weeks after last meeting)	0 days	Fri 5/31/13	Fri 5/31/13	Fri 5/31/13	Fri 5/31/13																				
1490	Prepare/submit Final Implementation Plan/RTCs (redline version)	7.2 wks	Fri 5/31/13	Fri 7/19/13	Fri 5/31/13	Fri 7/19/13																				
1491	DTSC review redline FWIP/RTCs Table	1 wk	Mon 7/22/13	Fri 7/26/13	Mon 7/22/13	Fri 7/26/13																				
1492	DOI review redline FWIP/RTCs Table	1 wk	Mon 7/22/13	Fri 7/26/13	Mon 7/22/13	Fri 7/26/13																				
1493	Submit Final Implementation Plan/RTCs (clean version)	1 wk	Mon 7/29/13	Fri 8/2/13	Mon 7/29/13	Fri 8/2/13																				
1494	DTSC sends Final FWIP/RTCs to Tribes and Stakeholders	2 days	Fri 8/2/13	Mon 8/5/13	Fri 8/2/13	Mon 8/5/13																				
1495	FMIT requested 2 weeks extension for review of Final FWIP/RTCs	0 days	Thu 8/8/13	Thu 8/8/13	Thu 8/8/13	Thu 8/8/13																				
1496	DTSC approved FMIT's request for extension	1 day	Mon 8/12/13	Mon 8/12/13	Mon 8/12/13	Mon 8/12/13																				
1497	FMIT submitted additional comments on FWIP/RTCs	10 days	Tue 8/13/13	Mon 8/26/13	Tue 8/13/13	Mon 8/26/13																				
1498	FWIP RTCs complete	0 days	Wed 9/4/13	Wed 9/4/13	Wed 9/4/13	Wed 9/4/13																				
1499	State CEQA Evaluation	209 days	Fri 11/16/12	Wed 9/4/13	Fri 11/16/12	Wed 9/4/13																				
1500	DTSC review/approve Final Implementation Plan	17 days	Mon 8/12/13	Wed 9/4/13	Mon 8/12/13	Wed 9/4/13																				
1501	DOI review/approve Final Implementation Plan	17 days	Mon 8/12/13	Wed 9/4/13	Mon 8/12/13	Wed 9/4/13																				
1502	Implementation of Fresh Water Implementation Plan	77 days	Thu 9/5/13	Fri 12/20/13	Thu 9/5/13	NA																				
1503	Data Call #1 - Discuss Exploratory Data	0 days	Mon 11/4/13	Mon 11/4/13	NA	NA																				
1504	Data Call #2 - Discuss Data Summary/Path Forward	0 days	Tue 1/7/14	Tue 1/7/14	NA	NA																				
1505	Prepare Tech Memo to summarize FWIP results	61 edays	Wed 1/8/14	Mon 3/10/14	NA	NA																				
1506	DTSC provides direction to PG&E on freshwater source	2 wks	Tue 3/11/14	Mon 3/24/14	NA	NA																				
1507	DOI provides direction to PG&E on freshwater source	2 wks	Tue 3/11/14	Mon 3/24/14	NA	NA																				
1508	Pre-Final/Final Design (include plan for decommissioning, removal, and	208 days	Tue 1/7/14	Thu 10/23/14	NA	NA																				
1509	Prepare/submit Pre-Final Design Package (verify duration after completion of	5 mons	Tue 1/7/14	Mon 6/2/14	NA	NA																				
1510	DTSC forward to CWG/TWG	3 days	Tue 6/3/14	Thu 6/5/14	NA	NA																				
1511	CWG/TWG review/comment on Final Design Package	60 edays	Fri 6/6/14	Tue 8/5/14	NA	NA																				
1512	Tribal Consultation	60 edays	Fri 6/6/14	Tue 8/5/14	NA	NA																				
1513	BLM process after close of comment period	15 edays	Tue 8/5/14	Wed 8/20/14	NA	NA																				
1514	DTSC review/comment on Final Design Package	75 edays	Fri 6/6/14	Wed 8/20/14	NA	NA																				
1515	DOI review/comment on Final Design Package	75 edays	Fri 6/6/14	Wed 8/20/14	NA	NA																				
1516	Comments resolution	4 wks	Thu 8/21/14	Wed 9/17/14	NA	NA																				
1517	Prepare/submit Final Design Package (duration to be confirmed after receipt of	1 mon	Thu 9/18/14	Thu 10/16/14	NA	NA																				
1518	DTSC approves design	5 days	Fri 10/17/14	Thu 10/23/14	NA	NA																				
1519	DOI approves design	5 days	Fri 10/17/14	Thu 10/23/14	NA	NA																				

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	Baseline Schedule		Inactive Milestone		Manual Summary Rollup			
	Milestone		Inactive Summary		Manual Summary			

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1568	DOI review and approval of Construction Completion Report	30 days	Wed 3/22/17	Tue 5/2/17	NA	NA																	
1569	DTSC review and approval of Construction Completion Report	30 days	Wed 3/22/17	Tue 5/2/17	NA	NA																	
1570	Startup (the sequence/duration shown below is preliminary and will be adjusted)	379 days	Thu 11/3/16	Tue 4/17/18	NA	NA																	
1571	Shutdown IM extraction/treatment/injection	1 day	Thu 11/3/16	Thu 11/3/16	NA	NA																	
1572	Inject carbon/build NTH IRZ (6-12mons)	12 mons	Fri 11/4/16	Mon 10/23/17	NA	NA																	
1573	Inject freshwater(3-6mons)	6 mons	Mon 5/1/17	Mon 10/23/17	NA	NA																	
1574	Activate Inner recirculation loop (3-6mons)	6 mons	Thu 7/27/17	Thu 1/18/18	NA	NA																	
1575	Activate TCS recirculation loop (3-6mons)	6 mons	Thu 7/27/17	Thu 1/18/18	NA	NA																	
1576	Prepare/submit quarterly progress reports	15 mons	Wed 2/1/17	Tue 4/17/18	NA	NA																	
1577	Startup complete/start full remedy operations	0 days	Thu 1/18/18	Thu 1/18/18	NA	NA																	

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