

HANDOUT 9A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 35) JULY 19, 2017 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2017												2018											
							Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4																
							J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1487	DESIGN, PERMITTING, AND CONSTRUCTION OF GROUNDWATER REMEDY	1778 days	Mon 1/31/11	Mon 11/20/17	Mon 1/31/11	NA	[Gantt bar spanning from Q1 2017 to Q4 2017]																							
1488	Corrective Measure Implementation/Remedial Design (CMI/RD) Workplan	199 days	Mon 1/31/11	Thu 11/3/11	Mon 1/31/11	NA	[Gantt bar spanning from Q1 2017 to Q1 2017]																							
1502	Remedial Design (Preliminary, Intermediate, and Pre-Final/Final)	1585 days	Tue 9/20/11	Thu 10/12/17	Tue 9/20/11	NA	[Gantt bar spanning from Q3 2011 to Q4 2017]																							
1503	Preliminary Design	174 days	Tue 9/20/11	Thu 5/17/12	Tue 9/20/11	Thu 5/17/12	[Gantt bar spanning from Q3 2011 to Q1 2012]																							
1515	Intermediate Design	501 days	Fri 5/18/12	Fri 4/18/14	Fri 5/18/12	Fri 4/18/14	[Gantt bar spanning from Q1 2012 to Q4 2014]																							
1544	Implementation Plan for Evaluation of Alternative Freshwater Sources	422 days	Fri 11/16/12	Mon 6/30/14	Fri 11/16/12	Mon 6/30/14	[Gantt bar spanning from Q4 2012 to Q2 2014]																							
1583	Field Verification of Archaeological/Historical Sites in Groundwater Remedy Footprint	4 days	Tue 9/9/14	Fri 9/12/14	Tue 9/9/14	Fri 9/12/14	[Gantt bar spanning from Q3 2014 to Q3 2014]																							
1584	Prepare/submit Field Verification Report	28 days	Mon 9/15/14	Wed 10/22/14	Mon 9/15/14	Wed 10/22/14	[Gantt bar spanning from Q3 2014 to Q4 2014]																							
1585	Survey of Archaeological/Historical Sites in Expanded Area at Park Moabi	1 day	Tue 12/2/14	Tue 12/2/14	Tue 12/2/14	Tue 12/2/14	[Gantt bar spanning from Q4 2014 to Q4 2014]																							
1586	Survey of Biological Resources in Expanded Area at Park Moabi	3 days	Wed 11/19/14	Fri 11/21/14	Wed 11/19/14	Fri 11/21/14	[Gantt bar spanning from Q4 2014 to Q1 2015]																							
1587	Annual archeological monitoring and site condition assessments	7 days	Thu 12/11/14	Fri 12/19/14	Thu 12/11/14	Fri 12/19/14	[Gantt bar spanning from Q4 2014 to Q1 2015]																							
1588	Pre-Final/Final Design (include plan for decommissioning, removal, and restoration of IM3 facility)	423 days	Mon 4/7/14	Wed 11/18/15	Mon 4/7/14	Wed 11/18/15	[Gantt bar spanning from Q1 2014 to Q4 2015]																							
1589	Documents submitted in advance of 90%	140 days	Wed 4/30/14	Tue 11/11/14	Wed 4/30/14	Tue 11/11/14	[Gantt bar spanning from Q1 2014 to Q4 2014]																							
1610	Prepare/submit Pre-Final Design Package	5.29 mons	Mon 4/7/14	Mon 9/8/14	Mon 4/7/14	Mon 9/8/14	[Gantt bar spanning from Q1 2014 to Q2 2014]																							
1611	DTSC forward to CWG/TWG	1 day	Tue 9/9/14	Tue 9/9/14	Tue 9/9/14	Tue 9/9/14	[Gantt bar spanning from Q3 2014 to Q3 2014]																							
1612	Agencies' direction #1 on Supplemental 90%	1 day	Tue 10/21/14	Tue 10/21/14	Tue 10/21/14	Tue 10/21/14	[Gantt bar spanning from Q4 2014 to Q4 2014]																							
1613	Agencies' direction #2 on Supplemental 90%	1 day	Tue 12/23/14	Tue 12/23/14	Tue 12/23/14	Tue 12/23/14	[Gantt bar spanning from Q4 2014 to Q1 2015]																							
1614	Prepare/submit Supplemental Pre-Final Design Package	104.38 edays	Tue 10/21/14	Mon 2/2/15	Tue 10/21/14	Mon 2/2/15	[Gantt bar spanning from Q4 2014 to Q1 2015]																							
1615	CWG/TWG review/comment on Pre-Final Design Package	191.38 edays	Wed 9/10/14	Fri 3/20/15	Wed 9/10/14	Fri 3/20/15	[Gantt bar spanning from Q4 2014 to Q1 2015]																							
1616	Tribal Consultation	163.38 edays	Wed 10/8/14	Fri 3/20/15	Wed 10/8/14	Fri 3/20/15	[Gantt bar spanning from Q4 2014 to Q1 2015]																							
1617	BLM process after close of comment period	11.38 edays	Fri 3/20/15	Tue 3/31/15	Fri 3/20/15	Tue 3/31/15	[Gantt bar spanning from Q1 2015 to Q1 2015]																							
1618	DTSC review/comment on Final Design Package	204.38 edays	Wed 9/10/14	Thu 4/2/15	Wed 9/10/14	Thu 4/2/15	[Gantt bar spanning from Q4 2014 to Q1 2015]																							
1619	DOI review/comment on Final Design Package	202.38 edays	Wed 9/10/14	Tue 3/31/15	Wed 9/10/14	Tue 3/31/15	[Gantt bar spanning from Q4 2014 to Q1 2015]																							
1620	Response to Comments and Comment Resolution	126 days	Fri 4/3/15	Fri 9/25/15	Fri 4/3/15	Fri 9/25/15	[Gantt bar spanning from Q1 2015 to Q3 2015]																							
1634	DTSC issue direction on Final Design and Inputs on Final RTC Table	2 days	Mon 10/19/15	Tue 10/20/15	Mon 10/19/15	Tue 10/20/15	[Gantt bar spanning from Q4 2015 to Q4 2015]																							
1635	DOI issue direction on Final Design and Inputs on Final RTC Table	2 days	Mon 10/19/15	Tue 10/20/15	Mon 10/19/15	Tue 10/20/15	[Gantt bar spanning from Q4 2015 to Q4 2015]																							
1636	Prepare/submit Final Design Package	1 mon	Wed 10/21/15	Wed 11/18/15	Wed 10/21/15	Wed 11/18/15	[Gantt bar spanning from Q4 2015 to Q1 2016]																							
1637	Construction/Remedial Action Work Plan	423 days	Mon 4/7/14	Wed 11/18/15	Mon 4/7/14	Wed 11/18/15	[Gantt bar spanning from Q1 2014 to Q4 2015]																							
1647	State CEQA Evaluation	655 days	Mon 4/13/15	Thu 10/12/17	Mon 4/13/15	NA	[Gantt bar spanning from Q1 2015 to Q4 2017]																							
1648	Notice of Preparation	39 days	Mon 4/13/15	Thu 6/4/15	Mon 4/13/15	Thu 6/4/15	[Gantt bar spanning from Q1 2015 to Q1 2015]																							
1649	Scoping Meetings	21 days	Tue 5/12/15	Tue 6/9/15	Tue 5/12/15	Tue 6/9/15	[Gantt bar spanning from Q1 2015 to Q1 2015]																							
1650	Preparation of Draft Subsequent EIR (SEIR)	387 days	Mon 9/7/15	Mon 2/27/17	Mon 9/7/15	Mon 2/27/17	[Gantt bar spanning from Q3 2015 to Q2 2017]																							
1651	Preparation of Project Description	126 days	Mon 9/7/15	Fri 2/26/16	Mon 9/7/15	Fri 2/26/16	[Gantt bar spanning from Q3 2015 to Q1 2016]																							
1652	Prepare Admin Draft SEIR	72 days	Fri 4/1/16	Mon 7/11/16	Fri 4/1/16	Mon 7/11/16	[Gantt bar spanning from Q1 2016 to Q1 2016]																							
1653	2nd Admin Draft SEIR	17.8 wks	Fri 6/24/16	Wed 10/26/16	Fri 6/24/16	Wed 10/26/16	[Gantt bar spanning from Q2 2016 to Q4 2016]																							
1654	Screencheck Draft SEIR	56 days	Thu 10/27/16	Thu 1/12/17	Thu 10/27/16	Thu 1/12/17	[Gantt bar spanning from Q4 2016 to Q1 2017]																							
1655	ESA Prepare Screencheck SEIR	3 wks	Thu 10/27/16	Wed 11/16/16	Thu 10/27/16	Wed 11/16/16	[Gantt bar spanning from Q4 2016 to Q1 2017]																							
1656	DTSC Review Screencheck SEIR	2.4 wks	Thu 11/17/16	Fri 12/2/16	Thu 11/17/16	Fri 12/2/16	[Gantt bar spanning from Q1 2017 to Q1 2017]																							
1657	ESA Address DTSC Comments on Screencheck SEIR	2 wks	Mon 12/5/16	Fri 12/16/16	Mon 12/5/16	Fri 12/16/16	[Gantt bar spanning from Q1 2017 to Q1 2017]																							
1658	ESA Finalize/Print/Distribute Draft SEIR	3.8 wks	Mon 12/19/16	Thu 1/12/17	Mon 12/19/16	Thu 1/12/17	[Gantt bar spanning from Q1 2017 to Q1 2017]																							
1659	Draft SEIR Public Review	33 days	Thu 1/12/17	Mon 2/27/17	Thu 1/12/17	Mon 2/27/17	[Gantt bar spanning from Q1 2017 to Q1 2017]																							
1660	45-day Public Review	46.38 edays	Thu 1/12/17	Mon 2/27/17	Thu 1/12/17	Mon 2/27/17	[Gantt bar spanning from Q1 2017 to Q1 2017]																							
1661	Public Meetings	2 days	Tue 1/31/17	Wed 2/1/17	Tue 1/31/17	Wed 2/1/17	[Gantt bar spanning from Q1 2017 to Q1 2017]																							
1662	Final EIR, Response to Comments (RTCs), Findings, MMRP	158 days	Tue 3/7/17	Thu 10/12/17	Tue 3/7/17	NA	[Gantt bar spanning from Q1 2017 to Q4 2017]																							
1663	Draft SEIR Comment Review and Categorization	3.8 wks	Tue 3/7/17	Fri 3/31/17	Tue 3/7/17	Fri 3/31/17	[Gantt bar spanning from Q1 2017 to Q1 2017]																							
1664	ESA Prepare 1st Admin Draft Final SEIR	8 wks	Mon 4/3/17	Fri 5/26/17	Mon 4/3/17	Fri 5/26/17	[Gantt bar spanning from Q1 2017 to Q2 2017]																							
1665	DTSC Review 1st Admin Draft Final SEIR	5 wks	Mon 5/29/17	Fri 6/30/17	Mon 5/29/17	Fri 6/30/17	[Gantt bar spanning from Q2 2017 to Q3 2017]																							
1666	ESA Prepare 2nd Admin Draft Final SEIR	3 wks	Mon 7/3/17	Fri 7/21/17	Mon 7/3/17	Fri 7/21/17	[Gantt bar spanning from Q3 2017 to Q3 2017]																							
1667	DTSC Review 2nd Admin Draft SEIR	2 wks	Mon 7/24/17	Fri 8/4/17	Mon 7/24/17	NA	[Gantt bar spanning from Q3 2017 to Q3 2017]																							

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Tasks Not Started/In Progress [Hatched Box] Overall Task Duration [Arrow] Manual Task [Green Box] Start-only [C]

Tasks Finished [Solid Blue Box] Inactive Task [White Box] Duration-only [Light Blue Box] Finish-only [D]

Baseline Schedule [Dashed Box] Inactive Milestone [Diamond] Manual Summary Rollup [Thick Blue Line] Manual Summary [Thick Black Line]

Milestone [Blue Diamond]

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.

