

HANDOUT 14A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 27)

JULY 22, 2015 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2015												2016												2017												2018											
							Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2											
							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									
853	State CEQA evaluation	725 days	Mon 11/12/12	Fri 8/21/15	Mon 11/12/12	NA																																																
854	Prepare Notice of Preparation	13 days	Mon 11/12/12	Wed 11/28/12	Mon 11/12/12	Wed 11/28/12																																																
862	NOP Public Review	34 days	Wed 11/28/12	Mon 1/14/13	Wed 11/28/12	Mon 1/14/13																																																
865	Prepare Draft EIR	390 days	Mon 1/7/13	Fri 7/4/14	Mon 1/7/13	Fri 7/4/14																																																
882	Draft EIR Public Review	44 days	Mon 7/7/14	Fri 9/5/14	Mon 7/7/14	Fri 9/5/14																																																
886	Final EIR, Response to Comments, Findings, MMRP	126 days	Mon 9/8/14	Mon 3/2/15	Mon 9/8/14	Mon 3/2/15																																																
898	Bat Habitat Assessment	22 days	Thu 1/29/15	Fri 2/27/15	Thu 1/29/15	Fri 2/27/15																																																
899	Bat Habitat Assessment	2 days	Thu 1/29/15	Fri 1/30/15	Thu 1/29/15	Fri 1/30/15																																																
900	Bat Habitat Assessment White Paper	4 wks	Mon 2/2/15	Fri 2/27/15	Mon 2/2/15	Fri 2/27/15																																																
901	Recirculated Biological Resources Section	66 days	Mon 3/2/15	Mon 6/1/15	Mon 3/2/15	Mon 6/1/15																																																
906	Response to Comments and Preparation of Final EIR	42 days	Tue 6/2/15	Wed 7/29/15	Tue 6/2/15	NA																																																
907	ESA Prepepe Response to Comments on Recirculated Biological Resources Section	13 days	Tue 6/2/15	Thu 6/18/15	Tue 6/2/15	Thu 6/18/15																																																
908	DTSC Review Response to Comments on Recirculated Biological Resources Section	4 days	Fri 6/19/15	Wed 6/24/15	Fri 6/19/15	Wed 6/24/15																																																
909	ESA Receive Pat Brown's Bat Report	0 days	Tue 7/7/15	Tue 7/7/15	Tue 7/7/15	Tue 7/7/15																																																
910	ESA Prepare Screencheck FEIR including Response to Comments	11 days	Tue 7/7/15	Tue 7/21/15	Tue 7/7/15	NA																																																
911	DTSC Review Screencheck FEIR including Response to Comments	6 days	Wed 7/22/15	Wed 7/29/15	NA	NA																																																
912	Findings, SOCs, Resolutions	180 days	Mon 12/15/14	Fri 8/21/15	Mon 12/15/14	NA																																																
913	ESA Prepare Findings/SOCs/Resolutions and Legal Review	7.6 mons	Mon 12/15/14	Fri 7/24/15	Mon 12/15/14	NA																																																
914	DTSC Review Findings/SOCs/Resolutions	2 wks	Fri 7/24/15	Fri 8/7/15	NA	NA																																																
915	ESA Prepare Final Findings/SOCs/Resolutions	2 wks	Fri 8/7/15	Fri 8/21/15	NA	NA																																																
916	FEIR Production, Certification, Notice of Determination	17 days	Thu 7/30/15	Fri 8/21/15	NA	NA																																																
917	ESA Produces FEIR including Response to Comments	8 days	Thu 7/30/15	Mon 8/10/15	NA	NA																																																
918	10 Day FEIR Circulation	10 edays	Mon 8/10/15	Thu 8/20/15	NA	NA																																																
919	DTSC Certifies Final EIR/ESA Files NOD	1 day	Fri 8/21/15	Fri 8/21/15	NA	NA																																																
920	DTSC approve Final Work Plan	0 days	Fri 8/21/15	Fri 8/21/15	NA	NA																																																
921	DOI approve Final Work Plan	0 days	Fri 8/21/15	Fri 8/21/15	NA	NA																																																
922	Work Plan Implementation/Data Analysis	256 days	Mon 8/24/15	Mon 8/15/16	NA	NA																																																
923	Permitting/Planning for Field Work	2 mons	Mon 8/24/15	Tue 10/20/15	NA	NA																																																
924	Field mobilization	30 days	Mon 10/5/15	Fri 11/13/15	NA	NA																																																
925	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Mon 11/16/15	Mon 11/16/15	NA	NA																																																
926	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Mon 11/16/15	Mon 11/16/15	NA	NA																																																
927	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Mon 11/16/15	Mon 11/16/15	NA	NA																																																
928	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Mon 11/16/15	Mon 11/16/15	NA	NA																																																
929	Stakeholder Attending Kick-Off Meeting at Site*	0 days	Mon 11/16/15	Mon 11/16/15	NA	NA																																																
930	Field Implementation (field duration will depend on field conditions, ability to perform field work concurrently, and ability to reach timely decisions on additional sampling needs)	273 edays	Mon 11/16/15	Mon 8/15/16	NA	NA																																																
931	Reporting (RFI/RI Volume 3)	245 days	Wed 8/17/16	Tue 7/25/17	NA	NA																																																
932	Prepare Draft RFI/RI Vol 3 report (duration is estimated and will be verified/adjusted after completion of Soil RFI/RI Field Implementation)	3 mons	Wed 8/17/16	Fri 11/11/16	NA	NA																																																
933	DTSC sends report to CWG/TWG and Tribes	3 days	Mon 11/14/16	Wed 11/16/16	NA	NA																																																
934	CWG/TWG review/comment	2 mons	Thu 11/17/16	Fri 1/13/17	NA	NA																																																
935	Tribes review/comment	2 mons	Thu 11/17/16	Fri 1/13/17	NA	NA																																																
936	DTSC review/comment/provide direction to PG&E	2.5 mons	Thu 11/17/16	Mon 1/30/17	NA	NA																																																
937	DOI review/comment/provide direction to PG&E	2.5 mons	Thu 11/17/16	Mon 1/30/17	NA	NA																																																
938	Prepare RTCs (duration is estimated, to be verified after receipt of comments and direction)	1.5 mons	Mon 1/30/17	Tue 3/14/17	NA	NA																																																
939	CWG/TWG review/comment	30 edays	Tue 3/14/17	Thu 4/13/17	NA	NA																																																

Project: PG&E Topock Remediation Project
 Date: Wed 7/15/15
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Tasks Not Started/In Progress		Overall Task Duration		Manual Task		Start-only	
Tasks Finished		Inactive Task		Duration-only		Finish-only	
Baseline Schedule		Inactive Milestone		Manual Summary Rollup			
Milestone		Inactive Summary		Manual Summary			

edays = calendar days; days = work days
 Baseline Schedule is the 8/15/07 CWG Schedule (rev 1, 12/12/07).
 *Timeframes shown are for planning purpose. Actual timeframes may vary.

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

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

HANDOUT 14A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 27)

JULY 22, 2015 CWG MEETING

ID	Task Name	Duration	Forecasted Start	Forecasted Finish	Actual Start	Actual Finish	2015												2016												2017												2018											
							Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1		Qtr 2																								
							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									
1293	STATEMENT OF BASIS	2525.6 days	Mon 1/4/10	Tue 9/3/19	Mon 1/4/10	NA																																																
1308	RECORD OF DECISION	2626 days	Fri 12/18/09	Mon 1/6/20	Fri 12/18/09	NA																																																
1331	Section 106 Programmatic Agreement (PA)	1830 days	Fri 10/10/08	Fri 10/9/15	Fri 10/10/08	NA																																																
1364	EIR DOCUMENTATION	1449 days	Thu 9/1/05	Wed 3/2/11	Thu 9/1/05	Wed 3/2/11																																																
1437	DESIGN, PERMITTING, AND CONSTRUCTION OF GROUNDWATER REMEDY	1570 days	Mon 1/31/11	Thu 2/2/17	Mon 1/31/11	NA																																																
1438	Corrective Measure Implementation/Remedial Design (CMI/RD) Workplan	199 days	Mon 1/31/11	Thu 11/3/11	Mon 1/31/11	NA																																																
1452	Remedial Design (Preliminary, Intermediate, and Pre-Final/Final)	1060 days	Tue 9/20/11	Fri 10/9/15	Tue 9/20/11	NA																																																
1453	Preliminary Design	174 days	Tue 9/20/11	Thu 5/17/12	Tue 9/20/11	Thu 5/17/12																																																
1454	Prepare/submit Prelim Design Package	2.1 mons	Tue 9/20/11	Fri 11/18/11	Tue 9/20/11	Fri 11/18/11																																																
1455	DTSC forward to CWG/TWG	2 days	Fri 11/18/11	Mon 11/21/11	Fri 11/18/11	Mon 11/21/11																																																
1456	Site visits to view Hinkley IRZ/walk pipeline alignment at Topock	2 days	Tue 12/13/11	Wed 12/14/11	Tue 12/13/11	Wed 12/14/11																																																
1457	CWG/TWG review/comment on Prelim Design Package	80.38 edays	Tue 11/22/11	Fri 2/10/12	Tue 11/22/11	Fri 2/10/12																																																
1458	Tribes consultation	66.38 edays	Tue 11/22/11	Fri 1/27/12	Tue 11/22/11	Fri 1/27/12																																																
1459	BLM process after close of comment period	12.38 edays	Fri 1/27/12	Wed 2/8/12	Fri 1/27/12	Wed 2/8/12																																																
1460	DTSC review/comment on Prelim Design Package	87.38 edays	Tue 11/22/11	Fri 2/17/12	Tue 11/22/11	Fri 2/17/12																																																
1461	DOI review/comment on Prelim Design Package	78.38 edays	Tue 11/22/11	Wed 2/8/12	Tue 11/22/11	Wed 2/8/12																																																
1462	Comments resolution	12.8 wks	Mon 2/20/12	Thu 5/17/12	Mon 2/20/12	Thu 5/17/12																																																
1463	TWG meeting to discuss response to comments (1st meeting)	1 day	Thu 4/19/12	Thu 4/19/12	Thu 4/19/12	Thu 4/19/12																																																
1464	TWG meeting to discuss response to comments (2nd meeting)	1 day	Wed 5/16/12	Wed 5/16/12	Wed 5/16/12	Wed 5/16/12																																																
1465	Intermediate Design	501 days	Fri 5/18/12	Fri 4/18/14	Fri 5/18/12	Fri 4/18/14																																																
1466	Prepare/submit Intermediate Design Package	11 mons	Fri 5/18/12	Fri 4/5/13	Fri 5/18/12	Fri 4/5/13																																																
1467	DTSC forward to CWG/TWG	1 day	Mon 4/8/13	Mon 4/8/13	Mon 4/8/13	Mon 4/8/13																																																
1468	CWG/TWG review/comment on Intermediate Design Package	122.38 edays	Mon 4/8/13	Thu 8/8/13	Mon 4/8/13	Thu 8/8/13																																																
1469	Tribes Consultation	105.38 edays	Thu 4/25/13	Thu 8/8/13	Thu 4/25/13	Thu 8/8/13																																																
1470	BLM process after close of comment period	8.38 edays	Thu 8/8/13	Fri 8/16/13	Thu 8/8/13	Fri 8/16/13																																																
1471	DTSC review/comment on Intermediate Design Package	137.38 edays	Mon 4/8/13	Fri 8/23/13	Mon 4/8/13	Fri 8/23/13																																																
1472	DOI review/comment on Intermediate Design Package	130.38 edays	Mon 4/8/13	Fri 8/16/13	Mon 4/8/13	Fri 8/16/13																																																
1473	Response to Comments (RTCs)/Comments Resolution	164 days	Tue 9/3/13	Fri 4/18/14	Tue 9/3/13	Fri 4/18/14																																																
1474	Agencies, PG&E, Tribes, and Stakeholders met to resolve comments (monthly meetings, various adhoc mtgs)	78 days	Tue 9/3/13	Thu 12/19/13	Tue 9/3/13	Thu 12/19/13																																																
1475	Comments Clarification Meeting with Agencies	0 days	Tue 9/3/13	Tue 9/3/13	Tue 9/3/13	Tue 9/3/13																																																
1476	Comments Clarification Meeting with Tribes	0 days	Thu 9/5/13	Thu 9/5/13	Thu 9/5/13	Thu 9/5/13																																																
1477	Comment Resolution Meeting #1 - September 12 RCRA/CERCLA	0 days	Thu 9/12/13	Thu 9/12/13	Thu 9/12/13	Thu 9/12/13																																																
1478	Comment Resolution Meeting #2 - September TWG	2 days	Tue 9/17/13	Wed 9/18/13	Tue 9/17/13	Wed 9/18/13																																																
1479	Comment Resolution Meeting #3 - October 9 RCRA/CERCLA	0 days	Wed 10/9/13	Wed 10/9/13	Wed 10/9/13	Wed 10/9/13																																																
1480	Comment Resolution Meeting #4 - October TWG	2 days	Wed 10/16/13	Thu 10/17/13	Wed 10/16/13	Thu 10/17/13																																																
1481	Comment Resolution Meeting #5 - November 5 Web Conference	1 day	Tue 11/5/13	Tue 11/5/13	Tue 11/5/13	Tue 11/5/13																																																
1482	Comment Resolution Meeting #6 - November 13 RCRA/CERCLA	1 day	Wed 11/13/13	Wed 11/13/13	Wed 11/13/13	Wed 11/13/13																																																
1483	Comment Resolution Meeting #7 - November TWG	2 days	Tue 11/19/13	Wed 11/20/13	Tue 11/19/13	Wed 11/20/13																																																
1484	Comment Resolution Meeting #8 - December 11 RCRA/CERCLA	1 day	Wed 12/11/13	Wed 12/11/13	Wed 12/11/13	Wed 12/11/13																																																
1485	Comment Resolution Meeting #9 - December Web Conference	1 day	Thu 12/12/13	Thu 12/12/13	Thu 12/12/13	Thu 12/12/13																																																
1486	Comment Resolution Meeting #10 - December TWG	2 days	Tue 12/17/13	Wed 12/18/13	Tue 12/17/13	Wed 12/18/13																																																
1487	Comment Resolution Meeting #11 - December Call (PG&E/Agencies)	1 day	Thu 12/19/13	Thu 12/19/13	Thu 12/19/13	Thu 12/19/13																																																
1488	PG&E submits complete RTCs Table	1.6 wks	Fri 12/20/13	Tue 12/31/13	Fri 12/20/13	Tue 12/31/13																																																
1489	Agencies, Tribes, and Stakeholders review RTCs	5.8 wks	Thu 1/2/14	Tue 2/11/14	Thu 1/2/14	Tue 2/11/14																																																
1490	Meeting to resolve remaining design-critical RTCs - Jan TWG	1 day	Thu 1/23/14	Thu 1/23/14	Thu 1/23/14	Thu 1/23/14																																																
1491	Meeting to resolve remaining design-critical RTCs - Feb TWG	1 day	Tue 2/11/14	Tue 2/11/14	Tue 2/11/14	Tue 2/11/14																																																
1492	DTSC/DOI direct PG&E on 90% design path forward	1 day	Fri 4/4/14	Fri 4/4/14	Fri 4/4/14	Fri 4/4/14																																																
1493	PG&E submits Final RTCs Table	2 wks	Mon 4/7/14	Fri 4/18/14	Mon 4/7/14	Fri 4/18/14																																																

Project: PG&E Topock Remediation Project
Date: Wed 7/15/15

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Tasks Not Started/In Progress

Tasks Finished

Baseline Schedule

Milestone

Overall Task Duration

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

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							Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1		Qtr 2						
							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			
1629	DOI reviews/approves Final Design and Construction/Remedial Action Work Plan	316 days	Mon 10/12/15	Mon 12/26/16	NA	NA	[Gantt bar from Q4 2015 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1630	ROWS/Easements/Access Agreements/Approvals/Compliance	672 days	Tue 7/1/14	Wed 1/25/17	Tue 7/1/14	NA	[Gantt bar from Q3 2014 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1631	Other Approvals and Compliance	32 mons	Tue 7/1/14	Wed 1/25/17	Tue 7/1/14	NA	[Gantt bar from Q3 2014 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1632	Landowner Agreements/Leasing/ROW Agreements	32 mons	Tue 7/1/14	Wed 1/25/17	Tue 7/1/14	NA	[Gantt bar from Q3 2014 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1633	Community Outreach	1391 days	Fri 10/7/11	Thu 2/2/17	Fri 10/7/11	NA	[Gantt bar from Q4 2011 to Q4 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1634	Prepare/Issue Project Update Factsheet	4 mons	Fri 10/7/11	Tue 1/31/12	Fri 10/7/11	Tue 1/31/12	[Gantt bar from Q4 2011 to Q1 2012]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1635	Community Outreach Activities (State)	1386 days	Fri 10/7/11	Thu 1/26/17	Fri 10/7/11	NA	[Gantt bar from Q4 2011 to Q4 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1636	Update mailing list	2.95 mons	Fri 10/7/11	Fri 12/30/11	Fri 10/7/11	Fri 12/30/11	[Gantt bar from Q4 2011 to Q1 2012]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1637	Conduct Community Survey	1.62 mons	Tue 1/31/12	Fri 3/16/12	Tue 1/31/12	Fri 3/16/12	[Gantt bar from Q1 2012 to Q2 2012]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1638	Conduct Community Interview	2 mons	Wed 4/25/12	Thu 6/21/12	Wed 4/25/12	Thu 6/21/12	[Gantt bar from Q2 2012 to Q3 2012]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1639	Prepare/Issue Community Outreach Plan	7.1 mons	Mon 3/19/12	Wed 1/16/13	Mon 3/19/12	Wed 1/16/13	[Gantt bar from Q1 2012 to Q4 2012]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1640	Prepare/Issue factsheet for Corrective Measures Implementation	30 edays	Tue 12/27/16	Thu 1/26/17	NA	NA	[Gantt bar from Q4 2016 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1641	Outreach/Public Participation Activities (Federal)	27 days	Tue 12/27/16	Thu 2/2/17	NA	NA	[Gantt bar from Q4 2016 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1642	Prepare/issue factsheet for Remedy Implementation	30 edays	Tue 12/27/16	Thu 1/26/17	NA	NA	[Gantt bar from Q4 2016 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1643	Open house (Multiple Locations)	1 wk	Fri 1/27/17	Thu 2/2/17	NA	NA	[Gantt bar from Q1 2017 to Q2 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1644	Project Contracting	5 mons	Mon 12/12/16	Fri 5/5/17	NA	NA	[Gantt bar from Q4 2016 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1645	Construction (this is a preliminary construction schedule for planning purposes only. See Section 3, Construction Approaches and Sequencing, of the Construction/Remedial Action Work Plan for details)	1009.5 days	Fri 5/5/17	Fri 3/19/21	NA	NA	[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1646	Pre-Construction	80 days	Fri 5/5/17	Sat 8/26/17	NA	NA	[Gantt bar from Q1 2017 to Q2 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1647	Mobilization	113 edays	Fri 5/5/17	Sat 8/26/17	NA	NA	[Gantt bar from Q1 2017 to Q2 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1648	Site Preparation	70 edays	Sun 6/4/17	Sun 8/13/17	NA	NA	[Gantt bar from Q2 2017 to Q3 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1649	Stakeholder Attending Kick-Off Meeting at Site	0 days	Fri 5/5/17	Fri 5/5/17	NA	NA	[Gantt bar from Q1 2017 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1650	Stakeholder Attending Kick-Off Meeting at Site	0 days	Fri 5/5/17	Fri 5/5/17	NA	NA	[Gantt bar from Q1 2017 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1651	Stakeholder Attending Kick-Off Meeting at Site	0 days	Fri 5/5/17	Fri 5/5/17	NA	NA	[Gantt bar from Q1 2017 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1652	Stakeholder Attending Kick-Off Meeting at Site	0 days	Fri 5/5/17	Fri 5/5/17	NA	NA	[Gantt bar from Q1 2017 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1653	Stakeholder Attending Kick-Off Meeting at Site	0 days	Fri 5/5/17	Fri 5/5/17	NA	NA	[Gantt bar from Q1 2017 to Q1 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1654	Construction Activities	941.8 days	Wed 7/5/17	Thu 2/11/21	NA	NA	[Gantt bar from Q2 2017 to Q4 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1655	Pipelines/Access Pathways Installation	18.5 mons	Wed 7/5/17	Mon 12/31/18	NA	NA	[Gantt bar from Q2 2017 to Q4 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1656	Remediation and Monitoring Wells Installation	19 mons	Fri 8/4/17	Wed 2/13/19	NA	NA	[Gantt bar from Q3 2017 to Q4 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1657	Vertical Structures Installation	28 mons	Wed 7/5/17	Fri 10/4/19	NA	NA	[Gantt bar from Q2 2017 to Q4 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1658	Commissioning	8.5 mons	Fri 4/12/19	Wed 12/18/19	NA	NA	[Gantt bar from Q2 2019 to Q4 2019]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1659	Construction Closeout	14.3 mons	Thu 12/19/19	Thu 2/11/21	NA	NA	[Gantt bar from Q4 2019 to Q1 2021]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1660	Reporting	934.5 days	Mon 8/21/17	Fri 3/19/21	NA	NA	[Gantt bar from Q3 2017 to Q4 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1661	Prepare/submit monthly construction progress reports	44.5 mons	Mon 8/21/17	Fri 3/19/21	NA	NA	[Gantt bar from Q3 2017 to Q4 2017]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1662	Startup	316 days	Wed 12/18/19	Thu 3/4/21	NA	NA	[Gantt bar from Q4 2019 to Q1 2021]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1663	Shutdown IM extraction/treatment/injection	1 day	Wed 12/18/19	Thu 12/19/19	NA	NA	[Gantt bar from Q4 2019 to Q4 2019]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1664	Inject carbon/build NTH IRZ (6-12mons)	12 mons	Thu 12/19/19	Mon 12/7/20	NA	NA	[Gantt bar from Q4 2019 to Q1 2020]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1665	Inject freshwater(3-6mons)	6 mons	Fri 6/12/20	Mon 12/7/20	NA	NA	[Gantt bar from Q2 2020 to Q3 2020]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1666	Activate Inner recirculation loop (3-6mons)	6 mons	Wed 9/9/20	Thu 3/4/21	NA	NA	[Gantt bar from Q3 2020 to Q4 2020]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1667	Activate TCS recirculation loop (3-6mons)	6 mons	Wed 9/9/20	Thu 3/4/21	NA	NA	[Gantt bar from Q3 2020 to Q4 2020]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1668	Startup complete/start full remedy operations	0 days	Thu 3/4/21	Thu 3/4/21	NA	NA	[Gantt bar from Q1 2021 to Q1 2021]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					
1669	Start Operation and Maintenance	0 days	Thu 3/4/21	Thu 3/4/21	NA	NA	[Gantt bar from Q1 2021 to Q1 2021]												[Gantt bar from Q2 2016 to Q4 2017]												[Gantt bar from Q1 2017 to Q4 2017]												[Gantt bar from Q1 2018 to Q2 2018]					

Project: PG&E Topock Remediation Project
 Date: Wed 7/15/15
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Tasks Not Started/In Progress Overall Task Duration Manual Task
 Tasks Finished Inactive Task Duration-only
 Baseline Schedule Inactive Milestone Manual Summary Rollup
 Milestone Inactive Summary Manual Summary

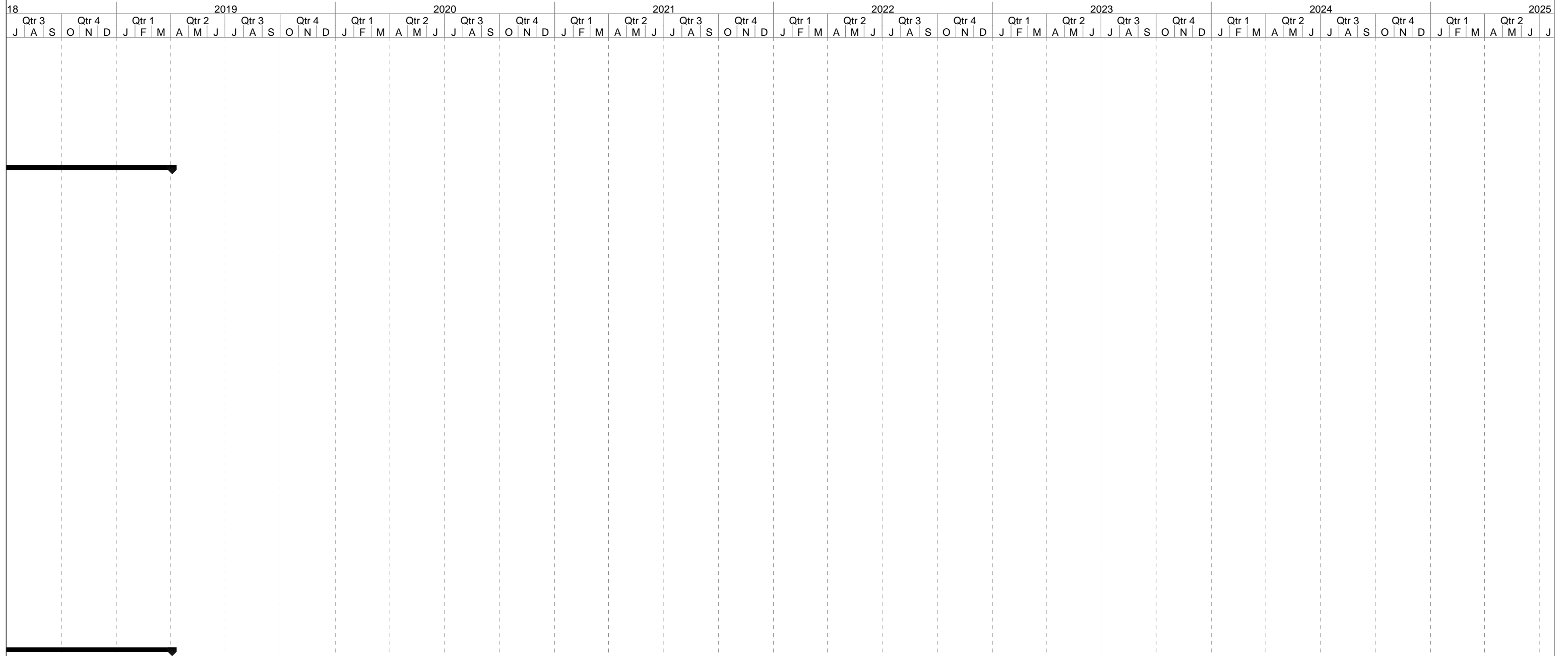
Start-only
 Finish-only

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 14A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 27) JULY 22, 2015 CWG MEETING



Project: PG&E Topock Remediation Project
Date: Wed 7/15/15

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Tasks Not Started/In Progress	Overall Task Duration	Manual Task	Start-only
Tasks Finished	Inactive Task	Duration-only	Finish-only
Baseline Schedule	Inactive Milestone	Manual Summary Rollup	
Milestone	Inactive Summary	Manual Summary	

edays = calendar days; days = work days
Baseline Schedule is the 8/15/07 CWG Schedule (rev 1, 12/12/07).
*Timeframes shown are for planning purpose. Actual timeframes may vary.

Color Coding:

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

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

HANDOUT 14A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 27)

JULY 22, 2015 CWG MEETING



Project: PG&E Topock Remediation Project
 Date: Wed 7/15/15
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Tasks Not Started/In Progress	Overall Task Duration	Manual Task	Start-only
Tasks Finished	Inactive Task	Duration-only	Finish-only
Baseline Schedule	Inactive Milestone	Manual Summary Rollup	
Milestone	Inactive Summary	Manual Summary	

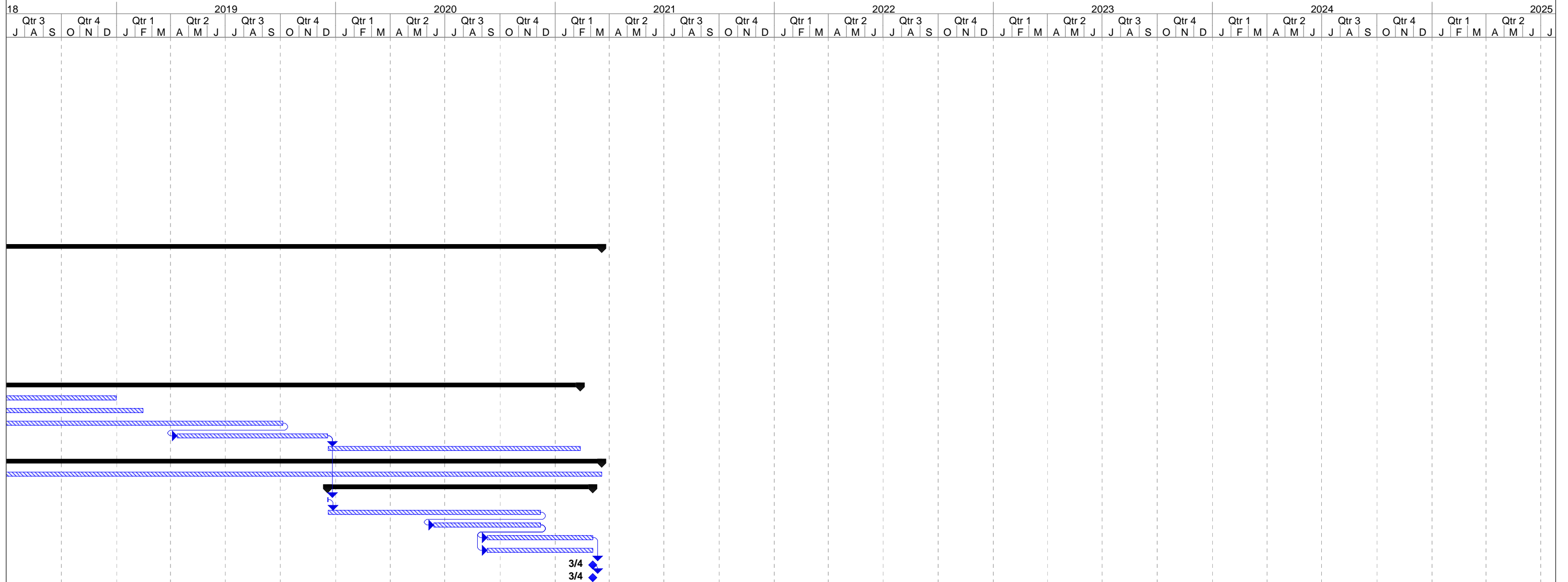
edays = calendar days; days = work days
 Baseline Schedule is the 8/15/07 CWG Schedule (rev 1, 12/12/07).
 *Timeframes shown are for planning purpose. Actual timeframes may vary.

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

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

HANDOUT 14A - TOPOCK REMEDIATION PROJECT SCHEDULE (REV. 27)

JULY 22, 2015 CWG MEETING



Project: PG&E Topock Remediation Project
 Date: Wed 7/15/15
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Tasks Not Started/In Progress	Overall Task Duration	Manual Task	Start-only
Tasks Finished	Inactive Task	Duration-only	Finish-only
Baseline Schedule	Inactive Milestone	Manual Summary Rollup	
Milestone	Inactive Summary	Manual Summary	

edays = calendar days; days = work days
 Baseline Schedule is the 8/15/07 CWG Schedule (rev 1, 12/12/07).
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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.