

Handout 6B
Schedule Highlights
Summary of Key Schedule Changes

Consultative Work Group Meeting
April 18, 2012

Schedule Highlights

Groundwater Remedy Design

- Preliminary (30%) Design
 - ✓ PG&E submits preliminary design – November 18
 - ✓ Site visits to facilitate review – December 13-14, January 9
 - ✓ Stakeholders review - November 21 through January 27
 - ✓ Tribal consultation - November 21 through January 27
 - ✓ TWG meetings – January 6, January 19
 - ✓ Agencies provide comments/direction to PG&E – February 8
 - ✓ Comments resolution – February 9 through May 17
 - TWG meetings – April 19, May 16

Groundwater Remedy Design

- Intermediate (60%) Design
 - ✓ PG&E submits intermediate design (including draft O&M Manual) – August 24
 - ✓ Site visits to facilitate review – September/October
 - ✓ Stakeholders review – August 30 through October 29
 - ✓ Tribal consultation - August 30 through October 29
 - ✓ Agencies provide comments/direction to PG&E – November 13
 - ✓ Comments resolution – November 13 through December 11

East Ravine/Compressor Station Groundwater Investigation

- Field implementation
 - ✓ Started March 2011
 - ✓ Screen calls with agencies, Tribes, and stakeholders
- Reporting
 - ✓ Summary report to be included in 60% design submittal.

Soil Activities

- PG&E submitted draft work plan – 5/6
- Review/Consultation
 - ✓ CWG/TWG review – 5/10 – 8/1
 - ✓ Tribal consultation – 5/27 – 8/1
 - ✓ Agencies provide comment/direction to PG&E – 8/16(DOI), 8/19(DTSC)
 - ✓ FMIT provide comments on Agencies' comments – 9/9
 - ✓ Tribes/Agencies met to discuss FMIT's comments - 9/15
 - ✓ Agencies respond to FMIT's comments – 10/6
 - ✓ Site walk to view sample locations in selected areas –12/15
- Comments resolution – 8/22/11 – 5/11/12
- TWG meeting to discuss responses to comments – 5/29/12 (planned)
- PG&E submits revised work plan – 8/16/12
- DTSC/DOI approves work plan – 9/6/12
- Field Implementation – Fall 2012/Winter 2013

Summary of Key Schedule Changes

Handout 6B

Summary of Key Schedule Changes since August 15, 2007 (Rev. 15)

April 18, 2012 changes highlighted in Yellow – changes are from October 19, 2011

Activities	Forecast Schedule Deviation	Key Reasons
Groundwater		
East Ravine Groundwater Investigation Phase 2/ Compressor Station Wells Field Implementation (Lines 574-580)	<ul style="list-style-type: none"> • FF 12/2/2011 (Rev. 9) • FF 1/27/2012 (Rev. 10) • FF 10/31/2011 (Rev. 11) • FF 12/12/2011 (Rev. 12) • FF 1/30/2012 (Rev. 13) • FF 5/23/2012 (Rev. 14) • FF 8/24/2012 (Rev. 15) 	<ul style="list-style-type: none"> • Duration of field work will be verified after receipt of work plan approval. • Adjusted schedule to reflect installation of contingency sites I and J. • Adjusted schedule to reflect the East Ravine-TCS Summary Report will be included in the 60% Basis of Design Report.
Corrective Measure Implementation/Remedial Design (CMI/RD) Work Plan – Draft, Final, and Work Plan Approval	<ul style="list-style-type: none"> • FF 8/1/2011 (Rev. 11) • FF 8/8/2011 (Rev. 12) • FF 10/3/2011 (Rev. 13) • AF 11/3/2011 (Rev. 14) 	<ul style="list-style-type: none"> • Per the Consent Agreement, the Draft Work Plan is due 90 days after receipt of DTSC’s selection of the final remedy. The due date for the Draft Work Plan is May 2, 2011. • Adjusted schedule to reflect time for comment resolution, revision of the work plan, and agencies review/acceptance.
30% Remedial Design (through Comment Resolution) (Lines 1381-1390)	<ul style="list-style-type: none"> • FF 11/25/2011 (Rev. 11) • FF 12/5/2011 (Rev. 12) • FF 2/1/2012 (Rev. 13) • FF 3/23/2012 (Rev. 14) • FF 5/17/2012 (Rev. 15) 	<ul style="list-style-type: none"> • Cascading extension of schedule from CMI/RD Work Plan. • Adjusted schedule to reflect two extensions granted by agencies for review of 30% documents, and additional time to prepare a response to comments table and time to discuss the responses at a TWG meeting. • Additional time to resolve comments, prepare the Freshwater Source Evaluation Tech Memo, and discuss at TWG meeting.
60% Remedial Design (through Comment Resolution) (Lines 1394-1401)	<ul style="list-style-type: none"> • FF 3/30/2011 (Rev. 11) • FF 4/9/2011 (Rev. 12) • FF 6/14/2012 (Rev. 13) • FF 8/9/2012 (Rev. 14) • FF 12/11/12 (Rev. 15) 	<ul style="list-style-type: none"> • Cascading extension of schedule from Preliminary (30%) Design. • Additional time to incorporate comments and prepare 60% Design. • Extend duration for CWG/TWG review from 30 to 60 calendar days. • Extend duration for Tribal Consultation from 30 to 60 calendar days. • Extend duration of DTSC/DOI review from 45 to 75 calendar days.
90%/100% Remedial Design (through Approvals)	<ul style="list-style-type: none"> • FF 9/24/2012 (Rev. 11) • FF 10/2/2012 (Rev. 12) • FF 11/30/2012 (Rev. 13) • FF 1/29/2013 (Rev. 14) 	<ul style="list-style-type: none"> • Cascading extension of schedule from Preliminary (30%) Design. • Extend duration for CWG/TWG review from 30 to 60 calendar days. • Extend duration for Tribal Consultation from 30 to 60 calendar days. • Extend duration of DTSC/DOI review from 45 to 75 calendar days.

(Lines 1403-1413)	<ul style="list-style-type: none"> • FF 7/2/2013 (Rev. 15) 	
Construction/Remedial Action Work Plan (Lines 1415-1425)	<ul style="list-style-type: none"> • FF 9/24/2012 (Rev. 11) • FF 10/2/2012 (Rev. 12) • FF 11/30/2012 (Rev. 13) • FF 1/29/2013 (Rev. 14) • FF 7/2/2013 (Rev. 15) 	<ul style="list-style-type: none"> • Cascading extension of schedule from Preliminary (30%) Design. • Extend duration for CWG/TWG review from 30 to 60 calendar days. • Extend duration for Tribal Consultation from 30 to 60 calendar days. • Extend duration of DTSC/DOI review from 45 to 75 calendar days.
Right of Ways/Easements/Landowner Agreements/Other Approvals/Compliance/Outreach (Lines 1427-1428)	<ul style="list-style-type: none"> • FF 12/28/2012 (Rev. 11) • FF 1/7/2013 (Rev. 12) • FF 2/27/2013 (Rev. 13) • FF 4/15/2013 (Rev. 14) • FF 9/13/2013 (Rev. 15) 	<ul style="list-style-type: none"> • Cascading extension of schedule from Preliminary (30%) Design.
Construction/Startup (Lines 1440-1458)	<ul style="list-style-type: none"> • FF for construction 6/18/2014 and startup 11/29/2013 (Rev. 11) • FF for construction 6/26/2014 (Rev. 12) • FF for construction 8/18/2014 (Rev. 13) • FF for construction 9/29/2014 (Rev. 14) • FF for construction 2/26/2015 (Rev. 15) 	<ul style="list-style-type: none"> • Cascading extension of schedule from Preliminary (30%) Design.
Soil		
Soil RFI/RI Work Plan (Draft, Final, and Work Plan Approvals) (Lines 832-853)	<ul style="list-style-type: none"> • Extend FF by 1.5 mos. • Extend FF by 2 weeks • Submitted Response to Comments on 5/5/08. • Submitted letter on Part B phasing on 7/17/08. In agencies review (Rev. 4). • PG&E submitted details on approach to Part B Phase 1 on 9/30/08. In agencies review (Rev. 5). Part B is on hold until agencies 	<ul style="list-style-type: none"> • 1 month due to DQO discussion and past data evaluation. • 0.5 month due to incorporation of perimeter sampling walk/ verification. • Additional time for agency review of Part B Work Plan. • DTSC completed review of Part B Phase 1 proposal (7/2/09), issued request letter to PG&E. • PG&E responded to DTSC's 7/2/09 letter (8/14/09). • PG&E received DTSC's final direction on Part B (10/5/09), to resume Part B activities in February 2010. • Added time for agency review and direct on conflicting comments on Draft Part B Work Plan. • Adjusted schedule to reflect State of CA furlough ending 6/1/2010.

	<p>complete this review (Rev. 6).</p> <ul style="list-style-type: none"> • Extend FF to 12/1/2011 (Rev. 7). • Reduce FF to 1/19/2011 (Rev. 8). • Extend FF to 5/25/2011 (Rev. 9). • Extend FF to 7/28/2011 (Rev. 10). • FF 8/31/2011 (Rev. 11). • FF 12/6/2011 (Rev. 12). • FF 3/1/2012 (Rev. 13). • FF 5/11/2012 (Rev. 14). • FF 9/6/2012 (Rev. 15). 	<ul style="list-style-type: none"> • Align the start of Section 106 Consultation with the start of stakeholders/agencies review of Final Part B Work Plan. • Added time for preparation/submittal/concurrence with Draft DQO TM. • Added time for preparation/submittal of Draft DQO TM. • Adjusted time for revision of Draft Part B DQO TM, combination of Part A and Part B into one Work Plan, and reflection of PA consultation (55 calendar days). • Adjusted schedule to reflect additional time for Tribal consultation (total of 55 calendar days), followed by SHPO consultation (assume 30 calendar days). • Adjusted schedule to reflect the comment resolution period, including time for site visits requested by DTSC and the Tribes. • Schedule extension reflected additional time for comment resolution. • Schedule extension also reflected additional time for revising work plan to incorporate responses to comments. • Additional two weeks for CWG/TWG/Tribes to review responses to comments. • TWG meeting to discuss responses to comments.
<p>RFI/RI Vol. 3/Risk Assessment-Soil/CMS/FS-Soil</p>	<ul style="list-style-type: none"> • Extend FF for CMS/FS from 11/10/11 to 2/21/12 (Rev. 2) • Extend FF for CMS/FS from 2/21/12 to 7/3/2012 (Rev. 3). • Extend FF from 7/3 to 8/21/2012 (Rev. 5). • Extend FF from 8/12 to 2/15/2013 (Rev. 6). • Extend FF from 2/15/2013 to 12/4/2013 (Rev. 7). • Extend FF from 12/4/2013 to 5/16/2014 (Rev. 8). • Reduce FF to 5/14/2014 (Rev. 9). • Extend FF to 5/23/2014 (Rev. 10). • FF 5/21/2014 (Rev. 11). • FF 8/27/2014 (Rev. 12). • FF 11/19/2014 (Rev. 13). • FF 1/29/2015 (Rev. 14). • FF 5/27/2015 (Rev. 15). 	<ul style="list-style-type: none"> • Approx. 2 months due to cascading delay from Part A Phase 1 workplan/ approval/permitting. • 1 month from adding a link between tribal review of CMS/FS and PG&E response to comments. • Cascading delay from Part A approval. • Cascading delay from Part A Phase 1 data gaps evaluation. • Revise the Soil CMS/FS steps to mirror the Groundwater CMS/FS steps <ul style="list-style-type: none"> • E.g., discussion draft, draft, resolution to comments, final. • Use the duration of the Groundwater CMS/FS steps as placeholders. • Keep the sequential order of RFI/RI and Risk before CMS/FS. • Reflect revised Part A and B schedule. • Added time for “Prepare Response to Comments” before CMS/FS comments resolution. • Reflect revised soil work plan schedule.

Public Notice/Statement of Basis/Supplemental EIR	<ul style="list-style-type: none"> • Extend NOD from 12/13/2011 to 7/27/2012 • Extend NOD from 7/27/12 to 12/7/2012 (Rev. 3). • Extend NOD from 12/7 to 1/25/2013 (Rev. 5). • Extend NOD from 1/25 to 7/22/2013 (Rev. 6). • Extend NOD from 7/22/2013 to 5/8/2014 (Rev. 7). • Extend NOD from 5/8/2014 to 11/20/2014 (Rev. 8). • Reduce NOD to 11/16/2014 (Rev. 9). • Extend NOD to 10/27/2014 (Rev. 10). • NOD filing to 10/2/2014 (Rev. 11). • Extend NOD filing to 1/8/2015 (Rev. 12). • Extend NOD filing to 4/2/2015 (Rev. 13). • Extend NOD filing to 7/13/2015 (Rev. 14). • Extend NOD filing to 11/8/2015 (Rev. 15). 	<ul style="list-style-type: none"> • Cascading delay from CMS/FS Soil • Addition of links from a) Supplemental EIR public comment to Statement of Basis public comment and b) Supplemental EIR certification to DTSC approval of Soil Remedy. • Cascading delay from CMS/FS Soil. • Reflect revised soil work plan schedule.
Proposed Plan/ROD	<ul style="list-style-type: none"> • Extend FF from 5/26/2012 to 9/6/2012 • Extend FF from 9/6 to 1/17/2013. • Extend FF from 1/17 (Rev. 4) to 3/7/2013 (Rev. 5). • Extend FF from 3/7 to 11/20/2013 (Rev. 6). • Extend FF from 11/20/2013 to 9/8/2014 (Rev. 7). • Extend FF from 9/8/2014 to 02/18/2015 (Rev. 8). 	<ul style="list-style-type: none"> • Cascading delay from CMS/FS Soil. • Increased the duration of DOI Approval Process for ROD from 60 to 90edays. • Reflect revised soil work plan schedule.

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| | <ul style="list-style-type: none">• Reduce FF to 2/16/2015 (Rev. 9).• Extend FF to 2/25/2015 (Rev. 10).• FF to 2/23/2015 (Rev. 11).• Extend FF to 6/1/2015 (Rev. 12).• Extend FF to 8/24/2015 (Rev. 13).• FF 11/3/2015 (Rev. 14).• FF 2/29/2016 (Rev. 15). | |
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