

Handout 5B
Schedule Highlights
Summary of Key Schedule Changes

CWG Meeting
June 15, 2011

Schedule Highlights

Timeline for CMI/RD Work Plan

- Corrective Measure Implementation/Remedial Design (CMI/RD) Work Plan
 - ✓ PG&E submits draft work plan - May 2
 - ✓ Tribes/Stakeholders review - May 5 through June 10
 - ✓ Agencies provide comments/direction to PG&E – June 17 (DOI), June 24 (DTSC)
 - ✓ PG&E submits revised work plan – July 25
 - ✓ Agencies review/accept work plan – August 8

Timeline for Preliminary Design

- Preliminary Design
 - ✓ PG&E submits preliminary design – October 5
 - ✓ Tribes/Stakeholders review - October 11 through November 10
 - ✓ Agencies provide comments/direction to PG&E – November 21
 - ✓ Comments resolution – November 22 through December 5

East Ravine Phase 2/Compressor Station Wells Activities

- Field implementation
 - ✓ Started March 16, 2011
 - ✓ Screen calls with interested Stakeholders and Tribes
 - ✓ Extend drilling schedule approximately 1.5 months due to greater depth to bedrock and larger area of saturated alluvium under the Compressor Station
 - ✓ Forecast completion of drilling in August pending decisions on contingency boreholes/sites
- Reporting
 - ✓ Anticipate December 2011

Soil Activities

- Soil RFI/RI Work Plan
 - ✓ PG&E submits draft work plan – 5/6
 - ✓ Review/Consultation
 - CWG/TWG review – 5/11 – 7/21
 - Tribal consultation – 5/11 – 7/21
 - SHPO consultation – 7/21 – 8/20
 - Agencies provide comments and direction to PG&E – 8/1
 - DOI sends SHPO comments to PG&E – 8/24
 - ✓ Comments resolution – 8/25 – 10/5
 - ✓ PG&E submits final work plan – 11/16
 - ✓ Agencies approve work plan – 12/6
- Field Implementation
 - ✓ Start – mid January 2012

Summary of Key Schedule Changes

Handout 5B

Summary of Key Schedule Changes since August 15, 2007 (Rev. 12)

June 2011 changes highlighted in Yellow – changes are from March 16, 2011

Activities	Forecast Schedule Deviation	Key Reasons
Groundwater		
East Ravine Groundwater Investigation Phase 2/ Compressor Station Wells Field Implementation (Lines 573-579)	<ul style="list-style-type: none"> • FF 12/2/2011 for field implementation (Rev. 9). • FF 1/27/2012 for field implementation (Rev. 10). • FF 10/31/2011 for field implementation/reporting of primary sites (Rev. 11). • FF 12/12/2011 for field implementation/reporting of primary sites (Rev. 12). 	<ul style="list-style-type: none"> • Duration of field work will be verified after receipt of work plan approval. • Adjusted schedule to reflect actual field conditions (greater depth to bedrock and larger area of saturated alluvium under the Compressor Station).
Corrective Measure Implementation/Remedial Design (CMI/RD) Work Plan – Draft, Final, and Work Plan Acceptance (Lines 1353-1363)	<ul style="list-style-type: none"> • FF 8/1/2011 (Rev. 11). • FF 8/8/2011 (Rev. 12). 	<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 additional time requested by Tribes to provide comments.
Remedial Design and Approvals – Preliminary/Intermediate/Final Design (Lines 1364-1391)	<ul style="list-style-type: none"> • FF 9/24/2012 (Rev. 11). • FF 10/2/2012 (Rev. 12). 	<ul style="list-style-type: none"> • Cascading extension of schedule from CMI/RD Work Plan.
Construction/Remedial Action Work Plan (Lines 1393-1401)	<ul style="list-style-type: none"> • FF 9/24/2012 (Rev. 11). • FF 10/2/2012 (Rev. 12). 	<ul style="list-style-type: none"> • Cascading extension of schedule from CMI/RD Work Plan.
Right of Ways/ Easements/Landowner Agreements/Other	<ul style="list-style-type: none"> • FF 12/28/2012 (Rev. 11). • FF 1/7/2013 (Rev. 12). 	<ul style="list-style-type: none"> • Cascading extension of schedule from CMI/RD Work Plan.

<p>Approvals/Compliance/ Outreach</p> <p>(Lines 1402-1408)</p>		
<p>Construction/Startup (Lines 1409-1414)</p>	<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). 	<ul style="list-style-type: none"> • Cascading extension of schedule from CMI/RD Work Plan.
<p>Soil</p>		
<p>Soil RFI/RI Work Plan (Draft, Final, and Work Plan Approvals)</p> <p>(Lines 830-844)</p>	<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 complete this review (Rev. 6). • 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). 	<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. • 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 SHIPO consultation (assume 30 calendar days).
<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). 	<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.

	<ul style="list-style-type: none"> • 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). 	<ul style="list-style-type: none"> • 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). 	<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 	<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.

	<p>3/7/2013 (Rev. 5).</p> <ul style="list-style-type: none">• 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).• 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).	
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