

Handout 10B
Schedule Highlights
Summary of Key Schedule Changes

Consultative Work Group Meeting
July 20, 2016

Schedule Highlights

Groundwater Remedy Design

- Final Design Submittal
 - ✓ PG&E produce final design/submit to Agencies – 11/18/15
- State CEQA Evaluation/Preparation of Groundwater Subsequent EIR (SEIR)
 - ✓ Draft SEIR for public review – 10/18/16
 - ✓ 45-day Public Comment – 10/18/16 through 12/9/16
 - ✓ Public Meetings – anticipated 11/7-11/11/16
 - ✓ Final SEIR/RTCs/Findings/MMRP – 12/12/16 thru 4/11/17
 - ✓ Certification of SEIR – anticipated 4/11/17
- Agencies Review/Approve Design and C/RAWP
 - ✓ Agencies Approval – anticipated 4/11/17

Soil Investigation and Reporting Activities

- Work Plan Implementation
 - ✓ Held Project Initiation Meeting – 10/29/15
 - ✓ Completed Field Implementation – 11/3/15 – 3/24/16
 - ✓ In accordance with scope defined in the Soil RFI/RI Work Plan, Data Gaps Work Plan 1, and Data Gaps Work Plan 2.
 - ✓ Data Gaps Evaluation
 - ✓ **Data Gaps Work Plan 1** – submitted on 1/13/16; received comments from FMIT, Hualapai Indian Tribe, and Cocopah Indian Tribe. Agencies reviewed the work plan and considered Tribal comments as well as prelim results from the 1/29/16 pre-investigation historical resources field verification survey. Agencies conditionally approved Data Gaps Work Plan #1 on February 2, 2016.
 - ✓ **Data Gaps Work Plan 2** -- submitted on February 12, 2016; received comments from FMIT and Cocopah Indian Tribe. Agencies reviewed the work plan and considered Tribal comments. Agencies conditionally approved Data Gaps Work Plan #2 on March 1, 2016.
 - ✓ Data Gaps Evaluation is currently ongoing.

Summary of Key Schedule Changes

Handout 10B

Summary of Key Schedule Changes since August 15, 2007 (Rev. 31)

July 20, 2016 changes highlighted in Yellow – changes are from April 20, 2016

Activities	Forecast Schedule Deviation	Key Reasons
Groundwater		
Pre-Final (90%)/Final Design and Construction/Remedial Action Work Plan (through CEQA Review and Approvals) (Lines 1562-1658)	<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) • FF 1/20/2014 (Rev. 16) • FF 5/22/2014 (Rev. 17) • FF 9/8/2014 (Rev. 18) • FF 10/7/2014 (Rev. 19) • FF 10/29/2014 (Rev. 20) • FF 12/31/2014 (Rev. 21) • FF 3/26/2015 (Rev. 22) • FF 4/3/2015 (Rev. 23) • FF 6/30/2015 (Rev. 24) • FF 8/4/2015 (Rev. 25) • FF 10/22/2015 (Rev. 26) • FF 12/26/2016 (Rev. 27) • FF 2/6/2017 (Rev. 28) • FF 3/6/2017 (Rev. 29 and 30) • FF 4/11/2017 (Rev. 31) 	<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. • Cascading changes from Intermediate (60%) Design and 60% Design Addendum. • Cascading changes from the Freshwater Source Evaluation and Comment Resolution schedule. • Extension of schedule reflected a) the additional time required to complete resolution of 60% comments and b) the added time anticipated for resolution of 90% (from 1 month to 3 months). • Extend duration for Agencies' review/approval of design to 2 work weeks. • Addition of supplemental design. Extend duration for Agencies/Stakeholders/Tribes review. • Adjusted response to comments and comment resolution to reflect the nature/number of comments received and the 90% RTC protocol. • Addition of a web-based comment resolution meeting on August 26-27, 2015. • Addition of State CEQA review and preparation of the Groundwater Subsequent EIR (SEIR). • Additional time required to compare final design with 2011 concept for project description. • Additional time required to completed the Project Description and prepare the Draft SEIR. • Extended public review time of the Draft SEIR by one week (from 45 to 52 calendar days).
Right of Ways/Easements/Landowner Agreements/Other Approvals/Compliance/Community Outreach	<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) • FF 2/21/2014 (Rev. 16) 	<ul style="list-style-type: none"> • Cascading extension of schedule from Preliminary (30%) Design. • Cascading extension of schedule from Intermediate (60%) Design. • Added details on community outreach activities – State/Federal. • Cascading changes from Intermediate (60%) Design and 60% Design Addendum.

(Lines 1659-1672)	<ul style="list-style-type: none"> • FF 6/23/2014 (Rev. 17) • FF 10/10/2014 (Rev. 18) • FF 11/10/2014 (Rev. 19) • FF 12/1/2014 (Rev. 20) • FF 2/2/2015 (Rev. 21) • FF 4/27/2015 (Rev. 22) • FF 5/4/2015 (Rev. 23) • FF 7/30/15 (Rev. 24) • FF 9/3/15 (Rev. 25) • FF 11/27/15 (Rev. 26) • FF 1/25/17 (Rev. 27) • FF 3/6/17 (Rev. 28) • FF 4/3/17 (Rev. 29 and 30) • FF 5/10/17 (Rev. 31) 	<ul style="list-style-type: none"> • Cascading changes from the Freshwater Source Evaluation and Comment Resolution schedule. • Cascading changes from Pre-Final (90%) Design. • Cascading changes from State CEQA Review/ approval of Final Design and C/RAWP.
<p>Construction</p> <p>(Lines 1675-1686)</p>	<p>FF for completion of construction</p> <ul style="list-style-type: none"> • 6/18/2014 (Rev. 11) • 6/26/2014 (Rev. 12) • 8/18/2014 (Rev. 13) • 9/29/2014 (Rev. 14) • 2/26/2015 (Rev. 15) • 9/17/2015 (Rev. 16) • 12/4/2015 (Rev. 17) • 9/16/2016 (Rev. 18) • 10/17/2016 (Rev. 19) • 11/8/2016 (Rev. 20) • 1/10/2017 (Rev. 21) • 4/5/2017 (Rev. 22) • 4/13/2017 (Rev. 23) • 6/25/2018 (Rev. 24) • 7/30/2018 (Rev. 25) • 10/15/2018 (Rev. 26) • 12/18/2019 (Rev. 27) • 1/29/2020 (Rev. 28) • Phase 1 - 1/28/2019 (Rev. 29 and 30) • Phase 2 - 1/26/2021 (Rev. 29 and 30) • Phase 1 - 3/7/2019 (Rev. 31) 	<ul style="list-style-type: none"> • Cascading extension of schedule from Preliminary (30%) Design. • Cascading extension of schedule from Intermediate (60%) Design Addendum. • Added high level details on construction activities at 60% design stage. • Cascading changes from Intermediate (60%) Design and 60% Design Addendum. • Cascading changes from the Freshwater Source Evaluation and Comment Resolution schedule. • Cascading changes from Pre-Final (90%) Design. • Updated the construction schedule per the September 8, 2014 Pre-Final (90%) Design Submittal. • Cascading changes from approval of Final Design and C/RAWP. • Implementation of phased construction approach.

<p>Start-up (Lines 1685-1689)</p>	<ul style="list-style-type: none"> • Phase 2 - 3/5/2021 (Rev. 31) <p>FF for completion of startup</p> <ul style="list-style-type: none"> • 12/14/2015 (Rev. 14) • 5/13/2016 (Rev. 15) • 12/2/2016 (Rev. 16) • 2/20/2017 (Rev. 17) • 11/23/2017 (Rev. 18) • 1/2/2018 (Rev. 19) • 1/24/2018 (Rev. 20) • 3/28/2018 (Rev. 21) • 6/21/2018 (Rev. 22) • 6/29/2018 (Rev. 23) • 9/10/2019 (Rev. 24) • 10/15/2019 (Rev. 25) • 12/31/2019 (Rev. 26) • 3/4/2021 (Rev. 27) • 4/15/2021 (Rev. 28) • NTH IRZ - 1/28/2020 (Rev. 29 and 30) • Remaining System - 1/31/2022 (Rev. 29 and 30) • NTH IRZ - 3/6/2020 (Rev. 31) • Remaining System - 3/10/2022 (Rev. 31) 	<ul style="list-style-type: none"> • Cascading extension of schedule from the above items. • Cascading changes from Intermediate (60%) Design and 60% Design Addendum. • Cascading changes from the Freshwater Source Evaluation schedule. • Cascading changes from Pre-Final (90%) Design. • Cascading changes from Construction line items. • Cascading changes from approval of Final Design and C/RAWP. • Implementation of phased construction approach.
Soil		
<p>Work Plan Implementation/ Data Gaps Analysis (Lines 922-950)</p>	<ul style="list-style-type: none"> • FF 8/16/2013 (Rev. 15) • FF 10/24/2013 (Rev. 16) • FF 9/8/2014 (Rev. 17) • FF 1/19/2015 (Rev. 18) • FF 8/17/2015 (Rev.20) • FF 11/16/2015 (Rev. 22) • FF 11/13/2015 (Rev. 23) • FF 2/29/2016 (Rev. 24) • FF 3/17/2016 (Rev. 25) • FF 7/19/2016 (Rev. 26) • FF 8/15/2016 (Rev. 27) • FF 4/13/2016 (Rev. 28 and 29) 	<ul style="list-style-type: none"> • Adjusted schedule to reflect current anticipated approval date and scope of the Final Soil RFI/RI Work Plan. • Cascading changes from Soil Work Plan approval and Soil EIR. • Cascading changes from Soil Work Plan approval. • Changes reflected contractor's best estimate of field implemental schedule. • Addition of Data Gap Work Plans 1 and 2. The additional activities identified in the plans were implemented following agencies' approval. • Adjusted schedule to reflect the additional time required for data evaluation and determination that additional data collection is not required. • Added time for Data Gaps Evaluation.

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| | <ul style="list-style-type: none">• FF 6/1/2016 (Rev.30)• FF 8/17/2016 (Rev. 31) | |
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