

Handout 9B
Schedule Highlights
Summary of Key Schedule Changes

Consultative Work Group Meeting
February 17, 2021

Schedule Highlights

Groundwater Remedy Construction

- Project Initiation – 10/2/18
- Phase 1 Construction – 10/2/18 to **9/27/21**
 - Construction schedule is communicated via:
 - **Daily** list of construction activities
 - **Weekly** emails of 6-week look ahead
 - **Monthly** progress reports
- Turn off IM/IRZ Start-up – Forecast **9/28/21**

Current forecast shows a 3-month delay in the start-up of the NTH IRZ. This is due primarily to a delay in the switch gear delivery, which is critical for the startup of the NTH IRZ. To minimize delay to the overall schedule, the current plan is to use temporary power for system integration and functional testing.

Soil RFI/RI Reporting (Volume 3)

- Soil RFI/RI Report

- ✓ Draft Report – submitted 12/9/19

- ✓ Review and Comment

- Tribes and Stakeholder Review: 12/10/19 – 3/20/20

- Agencies Review: 12/10/19 – 4/3/20

- ✓ Response to Comments/Comment Resolution

- Sent RTC Table: 10/30/20

- Sent meeting agenda: 12/8/20

- Comment resolution meeting held on 12/9 and 12/10/20

Soil RFI/RI Reporting (Volume 3)

(Continued)

- Soil RFI/RI Report (Continued)
 - ✓ Revised Report – Forecast **5/31/2021**
 - ✓ Review and Comment
 - Tribes and Stakeholder Review: **6/1 – 8/2/21**
 - Agencies Review: **6/1 – 8/16/21**
 - ✓ Response to Comments/Comment Resolution
 - Send RTC Table: Forecast **8/30/21**
 - Send meeting agenda: 2 wks prior to comment resolution mtg
 - Hold comment resolution meeting: Forecast **late Nov 2021**

Soil RFI/RI Reporting (Volume 3)

(Continued)

- Soil RFI/RI Report (Continued)
 - ✓ Final Report – Forecast **2/7/22**
 - ✓ Agencies Review/Approve – Forecast **3/8/22**

Soil Corrective Measure Study/Feasibility Study (CMS/FS)

- Draft CMS/FS – Forecast Q3 2022
- Response to Comments – Forecast Q4 2022
- Final CMS/FS and Agencies Approval – Forecast Q2 2023

Soil Remedy Decision (Statement of Basis/Record of Decision)

- DTSC's Statement of Basis/Adoption of Remedy – Forecast **Q4** 2023
 - CEQA evaluation of the selected remedy will be conducted after Final CMS/FS
- DOI's Record of Decision – Forecast **Q1** 2024

Soil Non-Time Critical Removal Action (NTCRA)

- Draft Soil Engineering Evaluation/Cost Analysis - 5/29/20
 - Stakeholders/Public Review: 6/3 – 8/5/20
 - Tribal Consultation: 6/3 – **2/12/21**
- DOI reviews/considers comments and makes final decision
 - Final EE/CA & Responsiveness Summary – Forecast **3/17/2021**
 - Action Memorandum – Forecast **4/13/2021**
- If DOI decides to conduct a removal action, PG&E will prepare a removal action work plan (RAWP) for implementing DOI's selected action.

Summary of Key Schedule Changes

Handout 9B

Summary of Key Schedule Changes since August 15, 2007 (Rev. 46)

February 17, 2021 changes highlighted in Yellow – changes are from October 7, 2020

Activities	Forecast Schedule Deviation	Key Reasons
Groundwater		
Phase 1 Construction (Lines 1736-1744)	FF for completion of construction <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) • 1/28/2019 (Rev. 29 and 30) • 3/7/2019 (Rev. 31) • 5/20/2019 (Rev. 32/ 33) • 6/27/2019 (Rev. 34) • 9/6/2019 (Rev. 35) • 10/25/2019 (Rev. 36) • 10/2/2020 (Rev. 37) • 9/15/2020 (Rev. 38, 39, & 40) • 6/28/2021 (Rev. 41, 42, 43, 44, 45) • 9/27/2021 (Rev. 46) 	<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 certification of Final SEIR and Agencies' approval of Final Design and C/RAWP. • Implementation of phased construction approach. • Extension of Phase 1 construction schedule reflects temporary shutdown of project in Jan 2019 due to PG&E Chapter 11 bankruptcy filing, approved work variance requests, and current implementation challenges. • Extension of Phase 2 construction schedule reflects the cascading effects of Phase 1 and an extended period for initial operation of the NTH IRZ from 12 to 24 months to get data from a full IRZ operation cycle (6 months on, 18 months off). • Time extension reflects a delay in the switch gear delivery schedule, which is critical to provide power to the startup of the NTH IRZ. To minimize delay to the overall schedule, temporary power will be used for system integration and functional testing which are necessary to startup the NTH IRZ.

<p>NTH IRZ Start-up/Initial Operation (Line 1745)</p>	<p>FF for completion of startup</p>	<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. • Extension of the completion of NTH IRZ start-up/initial operation reflects changes in a) Phase 1 construction (see above) and b) duration of initial operation from 12 to 24 months to get data from a full IRZ operation cycle (6 months on, 18 months off). • Cascading schedule impact from the delay of switch gear delivery (see above).
	<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) • 1/28/2020 (Rev. 29 and 30) • 3/6/2020 (Rev. 31) • 5/19/2020 (Rev. 32/33) • 6/26/2020 (Rev. 34) • 9/7/2020 (Rev. 35) • 10/26/2020 (Rev. 36) • 9/20/2020 (Rev. 37) • 9/16/2020 (Rev. 38, 39, & 40) • 6/30/2023 (Rev. 41, 42, 43, 44, 45) • 9/26/2023 (Rev. 46) 	

Soil

<p>RFI/RI Vol. 3 Reporting (Draft, RTCs, Final, Approvals) (Lines 1002 - 1028)</p>	<ul style="list-style-type: none"> • FF 7/8/2014 (Rev. 15) • FF 10/1/2014 (Rev. 16) • FF 8/18/2015 (Rev. 17) • FF 12/29/2015 (Rev. 18) • FF 7/26/2016 (Rev.20) • FF 10/25/2016 (Rev. 22) • FF 10/24/2016 (Rev. 23) • FF 2/7/2017 (Rev. 24) • FF 2/22/2017 (Rev. 25) • FF 6/27/2017 (Rev. 26) • FF 7/25/2017 (Rev. 27) • FF 2/16/2017 (Rev. 28 and 29) • FF 11/15/2017 (Rev. 30) • FF 10/29/2018 (Rev. 32 and 33) • FF 12/17/2018 (Rev. 34) • FF 2/7/2019 (Rev. 35 and 36) • FF 9/24/2019 (Rev. 37 and 38) • FF 2/7/2020 (Rev. 39 and 40) • FF 6/9/2020 (Rev. 41) • FF 9/7/2020 (Rev. 42, 43) • FF 11/3/2021 (Rev. 44, 45) • FF 3/8/2022 (Rev. 46) 	<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 and implementation. • Cascading changes from Soil Work Plan implementation/Data Gaps Analysis. • Adjusted schedule to incorporate results from the soil risk assessment into the RFI/RI Vol. 3 Report, and to reflect a RTC process in accordance with the October 29, 2012 letter from DTSC to Tribes, titled Response to Comments Process - PG&E Topock Compressor Station, Needles, California • Cascading changes from Work Plan Implementation/Data Gaps Evaluation. • Schedule reflects implementation of Soil RFI-RI-RA RTC protocol. • Cascading changes from Soil Risk Assessment. • Extension of schedule to reflect the additional time needed to incorporate results from the Soil Risk Assessment after agencies' approval. Additional time was also added to allow Tribes, stakeholders, and agencies more time to review the report over end of year holidays. • Extension of schedule to reflect a revision of the Soil RFI/RI Vol. 3 report and additional review as well as RTC of the revised report. • Extension of schedule reflects the actual timing of comment resolution as well as the time needed to revise the Soil RFI/RI report based on actual comment resolution.
<p>Soil Corrective Measure Study/Feasibility Study (Draft CMS/FS, RTC, Final CMS/FS, Agencies Approval) (Lines 1341-1362)</p>	<ul style="list-style-type: none"> • FF 11/24/2022 (Rev. 44, 45) • FF 5/12/2023 (Rev. 46) 	<ul style="list-style-type: none"> • Cascading changes from Soil RFI/RI report.
<p>DTSC CEQA Evaluation (placeholder only) (Line 1364)</p>	<ul style="list-style-type: none"> • To be determined after CMS/FS is complete. 	

Statement of Basis including Public Review to Remedy Adoption (Lines 1372-1378)	<ul style="list-style-type: none"> • FF 6/28/2023 (Rev. 44, 45) • FF 10/31/2023 (Rev. 46) 	<ul style="list-style-type: none"> • Cascading changes from Soil RFI/RI and CMS/FS reports.
Proposed Plan/Record of Decision (Lines 1391-1400)	<ul style="list-style-type: none"> • FF 9/21/2023 (Rev. 44, 45) • FF 3/8/2024 (Rev. 46) 	<ul style="list-style-type: none"> • Cascading changes from Soil RFI/RI and CMS/FS reports.
Soil Non-Time Critical Removal Action (Evaluation/Cost Analysis [EE/CA] through Action Memorandum (Lines 1401-1409))	<ul style="list-style-type: none"> • FF 2/1/2021 (Rev. 44, 45) • FF 4/13/2021 (Rev. 46) 	<ul style="list-style-type: none"> • Schedule was updated to reflect the duration of Tribal Consultation on the draft EE/CA.