

# Handout 12B

## Schedule Highlights

### Summary of Key Schedule Changes

Consultative Work Group Meeting  
June 18, 2025

# Schedule Highlights

Text in “red font” represents updates from last CWG (March 5, 2025)

# Phase 2A Groundwater Remedy Construction

TCS Recirculation Loop\*, Riverbank Wells, Freshwater Injection Well (FW-2) and Associated Arsenic Monitoring Wells, Pipelines (Inside/Outside of TCS)

- Phase 2A Construction and Startup – 3/7/22 to 7/14/28
  - Mobilization – 2/14 to 3/7/22
  - Pilot Borehole/Well Installation/Well Buildout – 3/8/22 to 5/28/26
    - Assumes a decision is made on FW-2B and associated arsenic MWs by February 2026
  - Resume construction of Pipeline C18 in East Ravine – Mid Aug to End of Dec 2025
  - Vaults and Electrical (NEW) – 1/3/28 to 7/14/28
  - Startup – Combine with Phase 2B for complete remedy startup

*\* The TCS Recirculation Loop consists of injection wells in TCS, extraction wells at the Transwestern Bench, extraction wells in the East Ravine (along historic Route 66), and associated pipelines.*

# Phase 2B Groundwater Remedy Construction

Inner Recirculation Loop\* (IRL) Wells, Freshwater Injection Well FW-1, Upland Monitoring Wells, Pipelines (Inside/Outside TCS), AZ Facilities to Convey Water from Freshwater Supply Well (HNWR-1A) to California

- Project Initiation Meeting – 3/4/25
- Well\* Drilling/Installation/Development (include site preparation and access roads improvement/ maintenance) – 3/18/25 to October 2026
  - \* Include Freshwater Injection well FW-1, IRL wells IRL-1/2/3/4, Monitoring Wells MW-I/J/P/Q, and Arsenic MWs MW-AA/BB/CC/DD/FF/GG)*
- Pipeline Planning/Preparation (NEW) – January 2025 to March 2026
- Pipeline\*\* and Remaining Supporting Facilities Installation – October 2025 to October 2028
  - \*\* Include pipelines in the upland/Bat Cave Wash/floodplain, and freshwater pipeline from AZ to CA*
- Complete System Integration/Functional Testing – August 2028 to February 2029
- Completed System Start-Up/Start of O&M – February 2029

*\* Per 2015 BOD, the Inner Recirculation Loop consists of IRL wells in the uplands and Riverbank (RB) wells along the riverbank. RB wells (RB-2 through RB-5) were installed in Phase 2A. All IRL wells are planned for Phase 2B.*

*\*\* Pipeline connecting FW-2B is combined with Phase 2B pipelines.*

# Soil Risk Assessment (RA) Addendum

- Soil Risk Assessment Addendum Timeline
  - Prepare/submit RA Addendum: December 13, 2024
  - Tribes/Stakeholders review/comment: December 16, 2024 to February 28, 2025
  - Agencies review/comment: December 16, 2024 to May 12, 2025
  - RTCs process: Mid May to September 2025
  - Finalize/submit RA Addendum: Forecast November 2025
  - Agencies' Approval: Forecast November 2025
- Results of the approved Soil RA Addendum will be incorporated into the Soil Corrective Measure Study/Feasibility Study

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

- Prepare/submit draft CMS/FS: **Forecast November 2025 - November 2026**
  - Tribes/Stakeholders review/comment: 60 calendar days
  - Agencies review/comment: 75 calendar days
- Prepare RTCs/Comment Discussion: **Forecast November 2026 – March 2027**
- Finalize/submit final CMS/FS: **Forecast March - June 2027**
- Agencies' Concurrence: **Forecast July 2027**

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

- DTSC's Statement of Basis/Adoption of Remedy\* – Forecast Q1 2028
- DOI's Record of Decision\* – Forecast Q2 2028

*\* Agencies' decision documents and CEQA evaluation are placeholder items only. Details will be provided after the Soil CMS/FS is better defined.*

# Former Impoundment Area Investigation

- PG&E submitted workplan – September 6, 2024
- DTSC reviewed/provided comments – December 12, 2024
- PG&E prepared/submitted RTC table to DTSC – January 24, 2025
- DTSC reviewed/provided comments – April 14, 2025
- PG&E prepared/submitted RTC table to DTSC – May 14, 2025



## Handout 12B

### Summary of Key Schedule Changes since August 15, 2007 (Rev. 56)

Yellow highlights are changes since March 5, 2025 CWG

Activities	Forecast Schedule Deviation	Key Reasons
<b>Groundwater Remedy Construction</b>		
Phase 2A Construction (Lines 1821-1830)	<b>FF for completion of Phase 2A construction</b> <ul style="list-style-type: none"> <li>4/27/2023 (Rev. 48, 49, 50)</li> <li>5/30/2023 (Rev. 51)</li> <li>4/24/2024 (Rev. 52)</li> <li>7/1/2024 (Rev. 53)</li> <li>9/30/2025 (Rev. 54)</li> <li>12/31/2026 (Rev. 55)</li> <li>7/14/2028 (Rev. 56)</li> </ul>	<ul style="list-style-type: none"> <li>Time extension reflects adjustments made from remedy construction sequencing and implementation details.</li> <li>Rev 52 schedule included a pause of Phase 2A heavy construction due to delayed receipt of vault panel components. The vault components were received in August 2023, and were installed by October 2023. On August 15, 2023, PG&amp;E informed DTSC and DOI that PG&amp;E intends to extend the construction pause as PG&amp;E awaits further direction on the proposed Phase 2B design modification submitted to the agencies Dec 2022.</li> <li>Rev 53 schedule includes an assumption that a decision on the locations of Arsenic monitoring wells associated with FW-2 occurs in Q1 2024 and monitoring well installation by Q2 2024.</li> <li>Rev 54 schedule includes an assumption that a decision on FW-2 and associated arsenic monitoring wells occurs by Q1 2025.</li> <li>Rev 55 schedule includes an assumption that a decision on FW-2 and associated arsenic monitoring wells occurs by Q1 2026.</li> <li>Rev 56 schedule includes a new line item "Vault and Electrical" with timeline from Jan to July 2028.</li> </ul>
Phase 2B Construction and Complete Remedy Startup (Lines 1831-1913)	<b>FF for completion of Phase 2B construction and startup of the complete remedy</b> <ul style="list-style-type: none"> <li>5/1/2026 (Rev. 52)</li> <li>5/1/2027 (Rev. 53)</li> <li>2/18/2028 (Rev. 54)</li> <li>1/30/2029 (Rev. 55)</li> <li>2/16/2029 (Rev. 56)</li> </ul>	<ul style="list-style-type: none"> <li>Rev 53 schedule reflects an assumption that Phase 2B planning/contracting starts in September 2024.</li> <li>Rev 54 schedule reflects a forecast of Phase 2B planning/contracting start in January 2025 and pipeline construction start in October 2025.</li> <li>With contracting for drilling underway, Rev 55 schedule reflects firmer dates for the drilling portion of Phase 2B (e.g., an initiation for drilling on March 4, start of site preparation for drilling on March 18, 2025, and start of drilling on April 8, 2025). Schedule for the remaining portion of Phase 2B (i.e., pipeline and support facilities) is just a forecast and will get firmer as planning and contracting progresses.</li> <li>Rev 56 shows more details about pipeline planning/construction and an extension of system integration and testing timeline (from 70 to 140 days).</li> </ul>

Soil RCRA Facility Investigation/Remedial Investigation (RFI/RI) including Risk Assessment		
Soil Risk Assessment Addendum (Report Preparation, Review/comment, RTCs, Final, Approval) (Lines 1002-1016)	<ul style="list-style-type: none"> <li>• FF 5/11/2023</li> <li>• FF 6/13/2023 (Rev. 49)</li> <li>• FF 9/4/2023 (Rev. 50)</li> <li>• FF 1/15/2024 (Rev. 51)</li> <li>• FF 9/25/2024 (Rev. 52)</li> <li>• FF 12/26/2024 (Rev. 53)</li> <li>• FF 8/13/2025 (Rev. 54)</li> <li>• FF 9/8/2025 (Rev. 55)</li> <li>• <b>FF 11/18/2025 (Rev. 56)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Cascading change from Soil NTCRA implementation due, primarily, to a significant larger volume of contaminated soil needing to be removed than anticipated in the NTCRA work plan.</li> <li>• Rev 53 schedule reflects data availability for risk assessment (RA) based a forecast completion date for NTCRA field implementation of 3/1/2024.</li> <li>• Rev 54 schedule reflects data availability for RA based on actual NTCRA field completion of 5/20/2024 (see below) and an extended duration for preparing the RA Addendum due to expanded scope.</li> <li>• Rev 55 schedule reflects an extension of the review/comment period for stakeholders/Tribes (from Jan 31 to Feb 28, 2025) due to the availability of a document (Soil NTCRA Completion Report) referenced in the Soil RA Addendum.</li> <li>• <b>Rev. 56 reflects an extension of the agencies' review period.</b></li> </ul>
Soil Corrective Measure Study/Feasibility Study (CMS/FS)		
Soil Corrective Measure Study/Feasibility Study (Draft CMS/FS, RTC, Final CMS/FS, Agencies Concurrence) (Lines 1410-1431)	<ul style="list-style-type: none"> <li>• FF 11/24/2022 (Rev. 44, 45)</li> <li>• FF 5/12/2023 (Rev. 46, 47)</li> <li>• FF 10/4/2024 (Rev. 48)</li> <li>• FF 10/30/2024 (Rev. 49)</li> <li>• FF 12/27/2024 (Rev. 50)</li> <li>• FF 6/20/2025 (Rev. 51)</li> <li>• FF 10/19/2026 (Rev. 52)</li> <li>• FF 1/19/2027 (Rev. 53)</li> <li>• FF 4/13/2027 (Rev. 54)</li> <li>• FF 5/7/2027 (Rev. 55)</li> <li>• <b>FF 7/19/2027 (Rev. 56)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Cascading changes from Soil RFI/RI report.</li> <li>• Schedule reflects the incorporation of conclusions from the Soil Risk Assessment Addendum and the NTCRA Completion Report into the Draft CMS/FS.</li> <li>• Cascading changes from Soil NTCRA implementation and Soil RA Addendum.</li> <li>• <b>Cascading changes from Soil RA Addendum.</b></li> </ul>
DTSC CEQA Evaluation (placeholder only) (Line 1432)	<ul style="list-style-type: none"> <li>• To be determined after CMS/FS is complete.</li> </ul>	

Statement of Basis including Public Review to Remedy Adoption (Lines 1431-1447)	<ul style="list-style-type: none"> <li>• FF 6/28/2023 (Rev. 44, 45)</li> <li>• FF 10/31/2023 (Rev. 46, 47)</li> <li>• FF 3/25/2025 (Rev. 48)</li> <li>• FF 4/22/2025 (Rev. 49)</li> <li>• FF 6/17/2025 (Rev. 50)</li> <li>• FF 12/9/2025 (Rev. 51)</li> <li>• FF 4/7/2027 (Rev. 52)</li> <li>• FF 7/8/2027 (Rev. 53)</li> <li>• FF 9/30/2027 (Rev. 54)</li> <li>• FF 10/26/2027 (Rev. 55)</li> <li>• FF 1/5/2028 (Rev. 56)</li> </ul>	<ul style="list-style-type: none"> <li>• Cascading changes from Soil RFI/RI and CMS/FS reports.</li> </ul>
Proposed Plan/Record of Decision (Lines 1460-1469)	<ul style="list-style-type: none"> <li>• FF 9/21/2023 (Rev. 44, 45)</li> <li>• FF 3/8/2024 (Rev. 46, 47)</li> <li>• FF 8/1/2025 (Rev. 48)</li> <li>• FF 8/27/2025 (Rev. 49)</li> <li>• FF 10/24/2025 (Rev. 50)</li> <li>• FF 4/17/2026 (Rev. 51)</li> <li>• FF 8/18/2027 (Rev. 52)</li> <li>• FF 11/17/2027 (Rev. 53)</li> <li>• FF 2/14/2028 (Rev. 54)</li> <li>• FF 3/3/2028 (Rev. 55)</li> <li>• FF 5/17/2028 (Rev. 56)</li> </ul>	<ul style="list-style-type: none"> <li>• Cascading changes from Soil RFI/RI and CMS/FS reports.</li> </ul>

# Summary of Schedule Changes