

SITE DESIGNATION - STATUS REPORT

For information on completing and submitting this status report, refer to the instructions on reverse.

Date: August 11, 2016	Lead Agency: Department of Toxic Substances Control Office of Geology
Site Name/Address: PG&E Topock Compressor Station, Needles, CA	Project Manager Name: Aaron Yue
Resolution Number: 03/03	Project Manager Phone Number: (714) 484-5439

1. Date(s) of Consultative Meeting(s) and List of Attendees (Agency):

The Department of Toxic Substances Control (DTSC) and the Consultative Work Group (CWG) conducted face-to-face meetings and teleconference calls as frequently as the project warranted. During FY 15/16, face-to-face meetings were held on July 22, 2015, October 28, 2015, January 20, 2016, and April 20, 2016. The Geo/Hydro Technical Subcommittee (TWG) of the CWG also meets periodically. During FY 15/16, face-to-face TWG meetings were held on July 23, 2015, August 18-19, 2015, September 15, 2015, March 16, 2016, and June 22, 2016. The Clearinghouse Task Force (CTF) met on July 21, 2015, September 15, 2015, October 27, 2015, January 19, 2016, February 16, 2016, March 15, 2016, April 19, 2016, and June 21, 2016. The CTF is a strategic planning subcommittee formed to develop and implement processes and tools which will improve communications and enhance stakeholder understanding of project technical and regulatory information.

Participants at the CWG meetings included members of local, state and federal government stakeholder agencies, as well as representatives of the Chemehuevi Indian Tribe (CIT), Cocopah Indian Tribe, Colorado River Indian Tribes (CRIT), Fort Mojave Indian Tribe (FMIT), and Hualapai Indian Tribe. Each meeting agenda and significant issues from previous consultative meetings were provided to all participants.

A list of attendees of face-to-face meetings held during FY 15/16 is provided as Attachment A. A list of all CWG Members and Tribal Representatives notified and invited to attend the CWG and TWG meetings is provided as Attachment B. A list of everyone notified and invited to attend Sub-Committee meetings, such as the Clearinghouse Task Force is provided as Attachment C.

2. Recent Public Comment/Participation:

Information Repositories (IRs) and Topock Website

During each quarter of FY 15/16, DTSC updated the DTSC Topock Project website www.DTSC-Topock with documents from the previous quarter.

DTSC maintains three project repositories in California at Needles, Havasu Lake, and Cypress. In addition, DTSC maintains four duplicate repositories in Arizona at Golden Shores, Lake Havasu, and two in Parker. Information repository (IR) compact discs (cd's) were prepared and delivered each quarter during FY 15/16 containing the previous quarter's information. The annual Topock IR visit occurred during August 26-27, 2015. Follow-up deliverables to the annual visit were finalized and mailed during the 2nd quarter of FY 15/16.

Community Outreach

Fact Sheet on *Final Soil Investigation Work Plan and Environmental Impact Report Approved for PG&E Topock Compressor Station*, was prepared and mailed out to residents and local communities on September 24, 2015. The fact sheet also included project updates on the groundwater remedy status. A

Seasonal residents at Park Moabi are the closest residents to the PG&E project site in California. DTSC and the U.S. Department of the Interior (DOI) held a joint Open House on the project for Park Moabi residents on April 23, 2016.

Tribal Outreach

DTSC/DOI held a tribal consultation meeting regarding the necessity of installing Monitoring Wells X&Y in Arizona on July 21, 2015. Some Tribal nations have significant cultural affiliations with the proposed monitoring wells location. The meeting was attended by the Fort Mojave, Colorado River, Chemehuevi, and Cocopah Indian Tribes.

DTSC is preparing a Subsequent Environmental Impact Report (SEIR) for the groundwater remedy due to project level information in design that were not available at the time of the 2011 final programmatic EIR. DTSC conducted a Tribal focused scoping meeting along with two public scoping meetings in May, 2015. To further coordinate with Tribes, DTSC held a tribal focused input meeting for the SEIR on October 5, 2015. The meeting was held at FMIT's EPA

office and was attended by representatives of CIT, Cocopah, CRIT, FMIT, and Hualapai.

Topock Site Mailing List Update

DTSC continued to maintain the mailing list throughout FY 15/16 by updating it with new information. DTSC initiated a major update of the mailing list in August 2015 and completed it in September 2015 in preparation for the Fact Sheet mailing.

3. Describe the Potential or Known Areas of Concern:

DTSC continues to oversee PG&E in evaluating what is needed to protect the beneficial uses of the Colorado River.

From 1951 to 1964, untreated wastewater containing hexavalent chromium was discharged into an area known as the Bat Cave Wash (a dry streambed near the Colorado River). This resulted in a plume of hexavalent chromium contamination in the groundwater beneath the facility which now extends beneath the floodplain adjacent to the Colorado River. The groundwater plume extends under federal property, managed and overseen by the Department of Interior.

In addition, there are localized areas within or around the Topock Compressor Station (TCS) where chromium, hexavalent chromium, and other compounds (such as other metals, semi-volatile organic compounds, asbestos), have been found in past soil investigations. These occurrences are related to disposal and handling practices when chromium was used at the site. In addition, results of the soil investigation conducted in 2015-2016 has also detected PCB's, dioxin/furans both on-site and off-site. DTSC will be directing PG&E to prepare a soil data gap workplan in August 2016 to further define the nature and extent of soil contamination. DTSC anticipates that these localized areas of soil contamination will be addressed in the soil Corrective Measures Study (CMS) and final remedy.

The majority of the potential and known areas of concern are situated on lands either owned by PG&E or DOI (managed by the BLM and the U.S. Fish and Wildlife Service). Some Native American Tribes have significant cultural and religious affiliations with the landscape. The entire project area has been designated by BLM as a Traditional Cultural Property of the Mohave people. The project site also includes habitat that supports a diverse biological ecology including several fully protected species.

4. Current Phase of Action:

Groundwater Remedy

- On May 5, 2015, DTSC announced via a Notice Of Preparation, the intent to prepare a Subsequent EIR (SEIR) to evaluate potential environmental impacts associated with the Groundwater Remedy. The SEIR will evaluate the impacts associated with project details that were not identified in the 2011 Final EIR. DTSC is preparing the Draft Groundwater Remedy SEIR and anticipate a public comment period during the 1st quarter 2017.
- DTSC held a 90% design report comment resolution meeting with PG&E and all CWG stakeholders on August 26-27, 2015.
- The Final Design for the Groundwater Remedy was submitted by PG&E on November 18, 2015. The final cost estimate (required by the 1996 CACA) was submitted on December 4, 2015. Pending adoption of the final SEIR, DTSC anticipates approval of the design in first quarter of 2017.

Soil Investigation EIR

- In preparation of the soil investigation sampling, DTSC visited the site on September 22-25, 2015 to confirm the soil sampling locations with an archeologist, PG&E, and tribal monitors. A second pre-investigation historical resources field verification survey was performed on January 29, 2016.
- DTSC posted and certified the Soil Investigation Final EIR on August 24, 2015.
- The soil investigation had a kick-off meeting on October 29, 2015 and field work began the week of November 2, 2015. DTSC attended a site walk on December 1-2, 2015 to review key sample locations. DTSC provided oversight of field work through March 2016.
- DTSC attended meetings with DOI and PG&E to discuss the soil investigation data gaps on December 21, 2015, January 21, 2016, and February 8, 2016. Additional soil investigation work was identified as a result of the data gap evaluations.
- Data Gaps Workplan #1 was submitted by PG&E on January 13, 2016. The FMIT, Hualapai Indian Tribe, and Cocopah Indian Tribe provided comments on January 25, 2016, January 27, 2016, and January 29, 2016, respectively. DTSC reviewed the work plan and considered Tribal comments as well as the preliminary results from the January 29, 2016 pre-investigation historical resources field verification survey. Based on this evaluation, DTSC conditionally approved Data Gaps Work Plan #1 on February 2, 2016.

channel river locations,

- annually in 141 wells, 4 river shoreline locations, 2 other surface water monitoring locations, and 10 in-channel river locations, and
- biennially in 146 wells, 4 river shoreline locations, 2 other surface water monitoring locations, and 10 in-channel river locations,

The frequencies noted above apply to the Topock groundwater and surface water monitoring program, and do not include other monitoring programs such as the Compliance Monitoring Program (CMP) established for the interim measures injection wells.

Oversight Agency Costs Reimbursed to Date: DTSC labor expenditures for July 2015 to June 2016: DTSC spent 6,130 hours with an oversight cost of approximately \$1,400,397.00.

12. Additional Comments or Issues – add additional pages as needed

(Continued from Section 4)

Surveys

- Spring Bat Survey was conducted within the Soil EIR and Final Groundwater Remedy project area on April 27 – May 1, 2015. The final report was submitted on July 7, 2015.
- A bat roosting survey was conducted July 21-22, 2015. The Summer Roosting Bat Surveys and Potential Project Impacts Report was completed November 5, 2015.
- A biological survey for the presence of Western Yellow Billed Cuckoos was conducted June 23-25, July 7-9, July 20-23, and August 4-6, 2015. The report was submitted on November 30, 2015.
- Biological resources surveys at areas proposed for groundwater remedy use within the Park Moabi Regional Park were done on June 24-25, 2015. Biological studies included mapping of significant or ethnobotanical plants, delineation as needed of wetlands or waters of the US, opportunistic observations for rare plants, as well as desert tortoise surveys, general biology (wildlife) surveys (including nesting birds); and DETO habitat observations (none were observed). The Biological survey report for additional areas at Moabi Regional Park was submitted September 8, 2015.

Wells

- On July 20, 2015, DTSC gave conditional approval to reduce or eliminate pumping at Interim Measure #3 pumping well PE-01. PE-01 was turned off between September 1 and 11, 2015.
- A Final Decommissioning Plan for Topock Compressor Station Well Number 4 (TCS-4) was submitted on December 7, 2015. DTSC provided concurrence on December 15, 2015.
- PG&E completed the decommissioning of well TCS-4 in March 2016 and submitted the TCS-4 Well Decommissioning Report on June 7, 2016.
- DTSC, DOI, BLM, USFWS, HNWR, and PG&E conducted a site visit to potential monitoring wells MW-X and MW-Y locations in Arizona on June 2, 2016.

Monitoring Programs

- PG&E is implementing the EIR Mitigation Monitoring and Reporting Program requirements in the Groundwater FEIR and Soil Investigation FEIR. Quarterly EIR Mitigation Measures Compliance Reports for the Final Groundwater Remedy and Soil Investigation were submitted on July 31, 2015, October 31, 2015, January 29, 2016, and July 27, 2016.
- Implementation of the groundwater and surface water monitoring program continued during FY 15/16. Quarterly groundwater monitoring events were completed in October 2015, December 2015, March 2016, and June 2016. A quarterly surface water monitoring event occurred on September 15-16, 2015.
- Continuous operation of the Interim Measure groundwater extraction, treatment, and injection facility continued throughout FY 15/16. Periodic downtimes associated with optimization, maintenance, and repair occurred in conformance with permit conditions.
- PG&E completed required monitoring and reporting of treatment plant operations as required by the Applicable, Relevant and Appropriate (ARARs) under DOI oversight. IM-3 self-monitoring reports were submitted on July 15, 2015, October 15, 2015, January 15, 2016, and April 15, 2016.
- Performance Monitoring Program (PMP) activities in the Colorado River floodplain continued in FY 15/16.

Quarterly PMP/GMP reports were submitted on August 14, 2015, December 15, 2015, March 15, 2016, and April 30, 2016.

- Annual Monitoring Event, as required by the Groundwater EIR CUL-1a-3a and Soil Investigation EIR CR-2c, was held on October 12-16, 2015.
- Archaeological/Historical field verification memos, as required by the Soil Investigation mitigation measure CR-1c-2, were submitted on October 22, 2015 and February 16, 2016.

INSTRUCTIONS FOR COMPLETING A STATUS REPORT

GENERAL: This Status Report form is for use in communicating to Cal/EPA the activities of the Administering Agency and Support Agencies with respect to site investigation and remedial action. A Status Report should be completed following the initial Consultative Work Group meeting. Subsequently, an annual report should be completed each year for the period ending June 30th. A Status Report should also be completed at the end of a designated project. Type or print clearly all requested information in the spaces provided and attach additional pages as necessary to explain or complete your responses. Mail the Status Reports to:

California Environmental Protection Agency
1001 I Street, 25th Floor
Site Designation Committee
Sacramento, CA 95814

- 1. Date of Consultative Work Group Meeting and List of Attendees:** List date(s) of Consultative Work Group Meeting(s) that occurred during the year, including names of attendees followed by agency affiliation in parenthesis. If initial status report, attach summary of the first Consultative Work Group Meeting.
- 2. Recent Public Comment/Participation:** List documents received in the year subject to public comment or public meetings/hearings held and what you did to provide for public participation.
- 3. Describe Known or Potential Areas of Concern:** Describe the site investigative or remedial activities occurring at the site and issues for the year.
- 4. Current Phase of Action under the Site Designation Process**

List current phase of action corresponding to description provided below by assigning a number followed by an appropriate letter, if applicable (i.e. Work Plan Completed denote as level 3D).

<u>Number</u>	<u>Description</u>
1	Administering Agency Designated
2	First Consultative Meeting Completed
3	<u>Levels of Action</u> A - Preliminary Site Assessment Completed B - Site Investigation Completed C - Feasibility Study Completed D - Work Plan Completed E - Cleanup Alternative Selected and Authorized F - Design of Cleanup Alternative Selected G - Implementation of Cleanup Alternative (give % complete) H - Remediation Completed
4	Certificate of Completion Issued (after concurrence by other interested agencies).

- 5. Proposed Site Use:** Check the appropriate box or boxes which describe the planned use for the site:

(1) Commercial/Industrial/Retail; (2) Residential (single/multi-family, sale/rental product); (3) Park or Open space; (4) Schools, Hospitals, Day Care Centers or Other Non-residential Sensitive Uses.

- 6. List any Technical Problems:** Describe any technical issues impeding site investigative or cleanup activities.

- 7. Permits Required/Issued to Date and Pending Permit Issues:** List any permits currently being required and/or issued by the Administering or Support Agency. List any permits currently pending approval and any requirements yet to be fulfilled by the Responsible Party.
- 8. Deed Restrictions/Land Use Controls:** Check applicable box and specify the date if the response is "yes."
- 9. Cleanup Levels:** Specify current contamination levels and proposed target cleanup levels for major contaminants.
- 10. Ongoing Monitoring:** Check the appropriate box(es) and/or specify any other type of ongoing monitoring that is in place. Specify approximate timeframes (using months/years) for monitoring, i.e., 11/06 – 1/10
- 11. Oversight Agency Costs Reimbursed to Date:** For the project, list agency, amount reimbursed followed by pending reimbursement in parenthesis, and brief description of services provided by each agency.
- 12. Additional Comments or Issues: If needed, attach additional sheets to** describe any important issues not previously addressed above such as issues discussed at last Consultative Work Group Meeting. In the event the project takes less than a year to complete, there need only be one report completed and submitted at the end of the project. Please attach a copy of any Certificate of Completion and/or closure letter issued when submitting the final report.

**PG&E Topock Compressor Station
Annual Status Report July 2015 – June 2016**

ATTACHMENT A – Dates of Meetings and Lists of Attendees (Agencies)

July 21, 2015 – Clearinghouse Task Force Face-to-Face Meeting

Attendees: Department of Toxic Substances Control (DTSC): Karen Baker, Yolanda Garza; U.S. Bureau of Land Management (BLM): Kim Liebhauser, Gloria Benson, Amanda Dodson, Renee Kolvet; Colorado River Indian Tribe (CRIT): Wilene Fisher-Holt, Howard Magill, Weldon Johnson, Nick Zeyouma, Doug Bonamici (phone); Fort Mojave Indian Tribe (FMIT): Janice Hinkle, Nora McDowell; Hargis & Associates (H&A) on behalf of FMIT: Leo Leonhart; Pacific Gas & Electric Company (PG&E): Yvonne Meeks, Kevin Sullivan, Valisa Nez (phone); CH2M Hill on behalf of PG&E: Christina Hong (phone); Arcadis on behalf of PG&E: Lisa Micheletti Cope; U.S. Department of the Interior (USDOI): Pam Innis; Metropolitan Water District (MWD): Maria Lopez; Cocopah Indian Tribe: Jill McCormick; Chemehuevi Indian Tribe (CIT): Amanda Sansoucie; Technical Review Committee (TRC): Charlie Schlinger

July 22, 2015 – Consultative Work Group Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Aaron Yue, Yolanda Garza, Chris Guerre, Isabella Alasti, Stacey Lear, Susan Furnas (consultant), Jose Marcos (phone), Lori Hare (phone); Environmental Science Associates (ESA) on behalf of DTSC: Shannon Stewart, Teresa Wilkinson; PG&E: Yvonne Meeks, Glenn Caruso, Kevin Sullivan, Juan Jayo, Jose Moreno, Curt Russell, Danielle Starring; CH2M Hill on behalf of PG&E: Martin Barackman, Christina Hong; Arcadis on behalf of PG&E: Lisa Micheletti-Cope, Kristin Mancini; Pivox on behalf of PG&E: Marty Bloes; DOI: Pam Innis; BLM: Gloria Benson, Amanda Dodson, Renee Kolvet; Summit on behalf of DOI: Jennifer McIntosh; US Bureau of Reclamation (BOR): Jeff Smith; MWD: Maria Lopez, Brent Yamasaki; Eric Fordham (phone); US Fish and Wildlife Service (USFWS): Carrie Marr (phone); Arizona Department of Environmental Quality (ADEQ): Nichole Osuch (phone), Joey Pace (phone); Colorado River Board (CRB): Lindia Liu (phone); Mohave Co. Department of Health Services (DPH): Rebecca Bramlett; FMIT: Nora McDowell, Janice Hinkle, Christopher Harper (phone), Leo Leonhart (H&A), Michael Sullivan (phone); CRIT: Weldon Johnson, Howard Magill, Doug Bonamici (phone); CIT: Amanda Sansoucie; Cocopah: Jill McCormick; TRC: Margaret Eggers, Robert Prucha, Eric Rosenblum, Charlie Schlinger, Win Wright

July 23, 2015 – Geo/Hydro Technical Work Group Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Chris Guerre, Aaron Yue, Yolanda Garza, Susan Furnas (consultant); ESA on behalf of DTSC: Teresa Wilkinson, Sarah Spano (phone); PG&E: Glen Riddle, Curt Russell, Jose Moreno, Eric Putnam (phone); CH2M Hill on behalf of PG&E: Christina Hong, Martin Barackman, Mike Cavalier (phone); Arcadis on behalf of PG&E: Kristin Mancini, Lisa Cope; DOI: Pam Innis; Summit on behalf of DOI: Jennifer McIntosh; BOR: Jeff Smith; BLM: Gloria Benson; MWD: Maria Lopez (phone); Geopentech for MWD: Eric Fordham (phone); CRB: Mark Van Fleet (phone); ADEQ: Michole Osuch (phone), Joey Pace (phone); FMIT: Janice

Hinkle, Leo Leonhart (H&A), Jim Schwall (phone); Cocopah: Jill McCormick; CRIT: Howard Magill, Doug Bonamici (phone); CIT: Amanda Sansoncie; TRC: Margaret Eggers, Charlie Schlinger, Eric Rosenblum, Win Wright

August 18, 2015 – Geo/Hydro Technical Work Group Face-to-Face Meeting

Attendees: DTSC: Chris Guerre, Aaron Yue, Yolanda Garza; PG&E: Yvonne Meeks, Danielle Starring, Glenn Caruso, Jose Moreno, Curt Russell; Arcadis on behalf of PG&E: Richard Orens, Lisa Cope, Kristin Mancini, Fred Stanin (phone), John Porcella (phone); CH2M Hill on behalf of PG&E: Christina Hong, Martin Barackman, Mike Cavalier (phone); BLM: Gloria Benson, Renee Kolvet, Amanda Dodson (phone); BOR: Jeffery Smith; DOI: Pam Innis, Mike Anderson; Summit on behalf of DOI: Jennifer McIntosh, David Back; ADEQ: Nichole Osuch (phone); MWD: Maria Lopez (phone), Eric Fordham (phone); CRIT: Howard Magill; CIT: Amanda Sansoucie; Cocopah: Edgar Castillo; FMIT: Leo Leonhart (H&A), Nora McDowell, Janice Hinkle; TRC: Margaret Eggers, Charlie Schlinger, Bob Prucha, Win Wright, Eric Rosenblum (phone)

August 19, 2015 – Geo/Hydro Technical Work Group Face-to-Face Meeting

Attendees: DTSC: Chris Guerre, Aaron Yue, Yolanda Garza; PG&E: Glenn Caruso, Danielle Starring, Jose Moreno, Yvonne Meeks, Curt Russell; Arcadis on behalf of PG&E: Lisa Cope, Richard Orens, Kristin Mancini; CH2M Hill on behalf of PG&E: Christina Hong; DOI: Pam Innis, Mike Anderson; Summit on behalf of DOI: Jennifer McIntosh; BLM: Gloria Benson, Renee Kolvet, Amanda Dodson (phone); BOR: Jeff Smith (phone); MWD: Maria Lopez (phone), Eric Fordham (phone); Chemehuevi: Amanda Sansoucie; Cocopah: Edgar Castillo; FMIT: Janice Hinkle, Leo Leonhart (H&A), Nora McDowell, Michael Sullivan (phone); CRIT: Howard Magill; TRC: Win Wright, Margaret Eggers, Bob Prucha, Eric Rosenblum (phone)

September 15, 2015 – Clearinghouse Task Force Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza; DOI: Pam Innis; BLM: Jason West; MWD: Eddie Rigdon; PG&E: Kevin Sullivan, Yvonne Meeks; CH2M Hill on behalf of PG&E: Christina Hong; Arcadis on behalf of PG&E: Lisa Micheletti Cope; CRIT: Howard Magill, Weldon Johnson, Nick Zeyouma, Doug Bonamici; FMIT: Nora McDowell; H&A on behalf of FMIT: Leo Leonhart; Cocopah Indian Tribe: Edgar Castillo; CIT: Amanda Sansoucie; TRC: Margaret Eggers

September 15, 2015 – Geo/Hydro Technical Work Group Face-to-Face Meeting

Attendees: DTSC: Yolanda Garza, Chris Guerre (phone), Aaron Yue (phone); USBOR: Jeff Smith (phone); PG&E: Yvonne Meeks, Curt Russell, Valisa Nez (phone); CH2M Hill on behalf of PG&E: Mike Cavaliere, Christina Hong, Keith Sheets (phone); Arcadis on behalf of PG&E: Lisa Cope, Kristin Mancini (phone), Eric Putnam (phone); Pivox on behalf of PG&E: Marty Bloes (phone); USDOI: Pam Innis, Kate Power (phone); BLM: Gloria Benson; MWD: Maria Lopez (phone); CRB: Mark VanVlack (phone); ADEQ: Nichole Osuch (phone); FMIT: Nora McDowell (phone), Leo Leonhart (H&A); Cocopah: Edgar Castillo (phone); CRIT: Howard Magill, Doug Bonamici, Weldon Johnson, Nick Zeyouma; CIT: Amanda Sansoucie; TRC: Margaret Eggers, Eric Rosenblum (phone), Charlie Schlinger (phone); Bob Prucha (phone)

October 27, 2015 – Clearinghouse Task Force Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza; DOI: Pam Innis; BLM: Jason West, Renee Kolvet; MWD: Eddie Rigdon, Maria Lopez; PG&E: Yvonne Meeks, Glen Caruso (phone), Valisa E. Nez (phone); CH2M Hill on behalf of PG&E: Christina Hong; CRIT: Howard Magill, Nick Zeyouma; FMIT: Janice Hinkle (phone); H&A on behalf of FMIT: Leo Leonhart; Hualapai: Dawn Hubbs; CIT: Glenn Lodge; TRC: Charlie Schlinger

October 28, 2015 – Consultative Work Group Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Aaron Yue, Yolanda Garza, Stacey Lear, Chris Guerre (phone), Jose Marcos (phone), Lori Hare (phone); ESA on behalf of DTSC: Addie Farrell (phone); PG&E: Yvonne Meeks, Glenn Caruso, Kevin Sullivan, Juan Jayo, Jose Moreno, Curt Russell, Danielle Starring; CH2M Hill on behalf of PG&E: Christina Hong; Arcadis on behalf of PG&E: Kristin Mancini, Eric Putnam, Steven Perry; DOI: Pam Innis, Kate Power (consultant); BLM: Amanda Dodson, Renee Kolvet, Jason R. West; BOR: Jeff Smith; MWD: Maria Lopez, Eddie Rigdon, Jill C. Teraoka, Eric Fordham (phone); USFWS: Carrie Marr (phone); ADEQ: Nichole Osuch (phone); CRWQCB: Robert Perdue (phone); SWRCB: Tom Vandenberg (phone); FMIT: Janice Hinkle (phone), Leo Leonhart (H&A), Michael Sullivan; CRIT: Howard Magill, Nick Zeyouma; CIT: Glenn Lodge (phone); Cocopah: Jill McCormick (phone), Edgar Castillo (phone); Hualapai: Dawn Hubbs; TRC: Margaret Eggers, Robert Prucha, Eric Rosenblum, Charlie Schlinger, Win Wright (phone)

January 19, 2016 – Clearinghouse Task Force Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza; DOI: Pam Innis; BLM: Amanda Dodson, Jason R. West; Arcadis: Lisa Cope, Kristin Mancini (phone); PG&E: Curt Russell; CH2M Hill: Christina Hong; MWD: Maria Lopez; RWQCB: Robert Perdue; Hualapai: Dawn Hubbs; CIT: Amanda Sansoucie; CRIT: Doug Bonamici, Howard Magill; Cocopah: Edgar Castillo (phone); FMIT: Nora McDowell, H&A: Leo Leonhart; TRC: Eric Rosenblum

January 20, 2016 – Consultative Work Group Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza, Aaron Yue, Isabella Alasti, Stacey Lear, Chris Guerre (phone), Jose Marcos (phone), Lori Hare (phone); ESA on behalf of DTSC: Sara Spano (phone), Shannon Stewart (phone); CRWQCB: Robert Perdue; SWRCB: Tom Vandenberg (phone); CRB: Mark Van Vlack (phone); PG&E: Yvonne Meeks, Curt Russell, Juan Jayo, Jose Moreno-Jimenez; CH2M Hill on behalf of PG&E: Christina Hong, Mike Cavaliere, Keith Sheets (phone), Martin Barackman (phone); Arcadis on behalf of PG&E: Lisa Cope, Kristin Mancini (phone); BLM: Renee Kolvet, Jason West; BOR: Jeff Smith; DOI: Pam Innis; MWD: Maria Lopez, Jill C. Teraoka (phone), Eric Fordham (Geopentech phone); ADEQ: Nichole Osuch (phone), Joey Pace (phone); Mohave County DPH: Mary Ann Roche; CIT: Amanda Sansoucie; Cocopah Indian Tribe: Edgar Castillo (phone); CRIT: Doug Bonamici, Howard Magill; FMIT: Nora McDowell, Michael Sullivan, Leo Leonhart (H&A), Courtney Coyle (Legal phone); Hualapai Indian Tribe:

Dawn Hubbs; TRC: Win Wright, Charlie Schlinger, Eric Rosenblum, Robert Prucha, Margaret Eggers (phone)

February 16, 2016 – Clearinghouse Task Force Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza; PG&E: Yvonne Meeks, Kristin Mancini (phone); CH2M Hill on behalf of PG&E: Christina Hong (phone); Arcadis on behalf of PG&E: Lisa Micheletti-Cope; BOR: Jeffery Smith; BLM: Renee Kovet; MWD: Maria Lopez (phone); RWQCB: Robert Perdue (phone); FMIT: Nora McDowell (phone); Leo Leonhart (H&A phone); CRIT: Howard Magill; CIT: Amanda Sansoucie, Frank Brooks; TRC: Margaret Eggers

March 15, 2016 – Clearinghouse Task Force Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza; USDO: Pam Innis; PG&E: Yvonne Meeks, Kristin Mancini (phone); CH2M Hill on behalf of PG&E: Christina Hong; Arcadis on behalf of PG&E: Lisa Micheletti-Cope; USBLM: Renee Kolvet, Amanda Dodson, Gloria Benson; MWD: Maria Lopez (phone); RWQCB: Robert Perdue (phone); FMIT: Leo Leonhart (H&A phone); CRIT: Howard Magill, Nick Zeyouma; Cocopah: Edgar Castillo (phone); Hualapai: Dawn Hubbs; TRC: Charlie Schlinger

March 16, 2016 – Geo/Hydro Technical Workgroup Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Aaron Yue; DOI: Pam Innis; PG&E: Yvonne Meeks; Arcadis on behalf of PG&E: Kristin Mancini, Scott Potter; CH2M Hill on behalf of PG&E: Christina Hong; FMIT: Leo Leonhart, Hualapai: Dawn Hubbs; TRC: Charlie Schlinger, Bob Prucha; CRIT: Nick Zeyouma, Howard Magill

April 19, 2016 – Clearinghouse Task Force Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza; USDO: Pam Innis; PG&E: Yvonne Meeks, Kristin Mancini (phone); CH2M Hill on behalf of PG&E: Christina Hong; Arcadis on behalf of PG&E: Lisa Micheletti-Cope; BLM: Renee Kolvet, Amanda Dodson, Gloria Bullets Benson; RWQCB: Robert Perdue (phone); FMIT: Nora McDowell, Leo Leonhart (H&A); Cocopah: Edgar Castillo (phone); Hualapai: Lyndee Hornell; CRIT: George Bourd-Mackin (phone); CIT: Darrell Fisher, Jr. (phone)

April 20, 2016 – Consultative Work Group Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza, Aaron Yue, Isabella Alasti, Chris Guerre (phone), Jose Marcos (phone), Lori Hare (phone); ESA on behalf of DTSC: Addie Farrell (phone); CRWQCB: Robert Perdue (phone); PG&E: Yvonne Meeks, Curt Russell (phone), Juan Jayo, Jose Moreno-Jimenez, Andrea Gooden; CH2M Hill on behalf of PG&E: Christina Hong, Mike Cavaliere; Arcadis on behalf of PG&E: Lisa Micheletti-Cope, Kristin Mancini (phone); BLM: Renee Kolvet (phone), Gloria Bullets Benson; BOR: Jeff Smith; DOI: Pam Innis (phone); MWD: Maria Lopez, Eric Fordham (Geopentech phone); ADEQ: Nichole Osuch (phone); CIT: Steven Escobar, Deron Fisher, Jr.; Cocopah Indian Tribe: Edgar Castillo (phone); CRIT: Doug Bonamici, Howard Magill, David Harper, Fawnia James; FMIT: Nora McDowell, Leo Leonhart (H&A);

Hualapai Indian Tribe: Lyndee Hornell; TRC: Charlie Schlinger, Eric Rosenblum, Robert Prucha, Margaret Eggers

June 21, 2016 – Clearinghouse Task Force Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza; USDOL: Pam Innis; PG&E: Yvonne Meeks (phone), Kevin Sullivan; Arcadis on behalf of PG&E: Kristin Mancini; USBOR: Jeff Smith; MWD: Maria Lopez (phone); BLM: Amanda Deeds, Gloria Benson; RWCQB: Robert Perdue; FMIT: Nora McDowell, Leo Leonhart (H&A); Cocopah: Jill McCormick; Hualapai: Dawn Hubbs; Chemehuevi: Ron Escobar; TRC: Maragret Eggers

June 22, 2016 – Geo/Hydro Technical Workgroup Face-to-Face Meeting

Attendees: DTSC: Dot Lofstrom, Chris Guerre, Karen Baker, Aaron Yue; DOI: Pam Innis; Summit on behalf of DOI: David Back; BLM: Gloria Benson, Renee Kolvet; BOR: Jeff Smith; Geopentech for MWD: Eric Fordham; PG&E: Kevin Sullivan; Arcadis on behalf of PG&E: Kristin Mancini; RWQCB: Robert Perdue; FMIT: Nora McDowell, Luke Johnson, Leo Leonhart (H&A); Hualapai Indian Tribe: Dawn Hubbs; CRIT: Nick Zeyouma; CIT: Ron Escobar; Cocopah Indian Tribe: Edgar Castillo, Jill McCormick; TRC: Eric Rosenblum, Margaret Eggers

**PG&E Topock Compressor Station
Annual Status Report July 2015 – June 2016**

ATTACHMENT B – Invitees to Consultative Work Group Meetings

July 22, 2015 – Consultative Work Group Face-to-Face Meeting

Notified and Invited: Arizona Department of Environmental Quality (ADEQ), California Regional Water Quality Control Board (CRWQCB), Chemehuevi Indian Tribe (CIT), Coachella Valley Water District, Cocopah Indian Tribe, Colorado River Indian Tribe (CRIT), Colorado River Board (CRB), Department of Fish & Wildlife (DFW), Department of Toxic Substances Control (DTSC) and their consultants Environmental Science Associates (ESA), Fort Mojave Indian Tribe (FMIT) and their consultants Law Office of Courtney Coyle, The McDonald Law Firm, Hargis & Associates (H&A), Fort Yuma-Quechan Indian Tribe, Hualapai Indian Tribe, Indian Health Services (IHS), Metropolitan Water District (MWD) and their consultants Geopentech, Mohave County Department of Public Health (DPH), Pacific Gas & Electric Company (PG&E) and their consultants CH2M Hill, Arcadis, Law Offices of J. Drew Page, and Pivox Corp., San Diego County Water Authority (SDCWA), Senator Feinstein’s Office, Technical Review Committee Members (TRC): Katz & Associates, Inc., CD&E, Rosenblum Environmental, Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Inc., Southwest Hydro-Logic, Torres-Martinez Indian Tribe, Twenty-Nine Palms Indian Tribe, U.S. Bureau of Land Management (BLM), U.S. Bureau of Reclamation (BOR), U.S. Department of Interior (DOI) and their consultants KMPower and Summit Technical Resources, U.S. Environmental Protection Agency (USEPA), US Fish & Wildlife Services (USFWS)

October 28, 2015 – Consultative Work Group Face-to-Face Meeting

Notified and Invited: ADEQ, CRWQCB, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRIT, CRB, DFW, DTSC and their consultants ESA, FMIT and their consultants Law Office of Courtney Coyle, The McDonald Law Firm, Hargis & Associates (H&A), Fort Yuma-Quechan Indian Tribe, Hualapai Indian Tribe, IHS, MWD and their consultants Geopentech, Mohave County DPH, PG&E and their consultants CH2M Hill, Arcadis, Law Offices of J. Drew Page, and Pivox Corp., SDCWA, Senator Feinstein’s Office, TRC: Katz & Associates, Inc., CD&E, Rosenblum Environmental, Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Inc., Southwest Hydro-Logic, Torres-Martinez Indian Tribe, Twenty-Nine Palms Indian Tribe, USBLM, USBOR, USDOI and their consultants KMPower and Summit Technical Resources, USEPA, USFWS

January 20, 2016 – Consultative Work Group Face-to-Face Meeting

Notified and Invited: ADEQ, CRWQCB, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRIT, CRB, DTSC and their consultants ESA, FMIT and their consultants Law Office of Courtney Coyle, The McDonald Law Firm, H&A, Fort Yuma-Quechan Indian Tribe, Hualapai Indian Tribe, IHS, MWD and their consultants Geopentech, Mohave County DPH, PG&E and their consultants CH2M Hill, Arcadis, Law Offices of J. Drew Page, and Pivox Corp., SDCWA,

Senator Feinstein's Office, TRC: Katz & Associates, Inc., CD&E, Rosenblum Environmental, Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Inc., Southwest Hydro-Logic, Torres-Martinez Indian Tribe, Twenty-Nine Palms Indian Tribe, USBLM, USBOR, USDO I and their consultants KMPower and Summit Technical Resources, USEPA, USFWS

April 20, 2016 – Consultative Work Group Face-to-Face Meeting

Notified and Invited: ADEQ, CRWQCB, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRIT, CRB, DTSC and their consultants ESA, FMIT and their consultants Law Office of Courtney Coyle, The McDonald Law Firm, H&A, Fort Yuma-Quechan Indian Tribe, Hualapai Indian Tribe, IHS, MWD and their consultants Geopentech, Mohave County DPH, PG&E and their consultants CH2M Hill, Arcadis, Law Offices of J. Drew Page, and Pivox Corp., SDCWA, TRC: Katz & Associates, Inc., CD&E, Rosenblum Environmental, Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Inc., Southwest Hydro-Logic, Torres-Martinez Indian Tribe, Twenty-Nine Palms Indian Tribe, USBLM, USBOR, USDO I and their consultants KMPower and Summit Technical Resources, USEPA, USFWS

**PG&E Topock Compressor Station
Annual Status Report July 2015 – June 2016**

ATTACHMENT C – Invitees to Sub-Committee Meetings

July 21, 2015 – Clearinghouse Task Force Face-to-Face Meeting

Notified and Invited: Chemehuevi Indian Tribe (CIT), Cocopah Indian Tribe, Colorado River Indian Tribe (CRIT), Department of Toxic Substances Control (DTSC), Eggers Environmental Inc., Fort Mojave Indian Tribe and their consultant H&A, Hualapai Indian Tribe, Metropolitan Water District (MWD), Pacific Gas & Electric (PG&E) and their consultants Arcadis, CH2M Hill, & Keadjian Associates, LLC, USBLM, USDO I

July 23, 2015 – Geo/Hydro Technical Work Group Face-to-Face Meeting

Notified and Invited: Arizona Department of Environmental Quality (ADEQ), California Regional Water Quality Control Board (CRWQCB), CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRIT, Colorado River Board (CRB), DTSC and their consultants Environmental Science Associates (ESA), FMIT and their consultants Law Office of Courtney Coyle, The McDonald Law Firm, H&A, Fort Yuma-Quechan Indian Tribe, Hualapai Indian Tribe, Indian Health Services (IHS), MWD and their consultants Geopentech, Mohave County Department of Public Health (DPH), PG&E and their consultants CH2M Hill, Arcadis, Law Offices of J. Drew Page, and Pivox Corp., San Diego County Water Authority (SDCWA), Senator Feinstein’s Office, Technical Review Committee Members (TRC): Katz & Associates, Inc., CD&E, Rosenblum Environmental, Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Inc., Southwest Hydro-Logic, Torres-Martinez Indian Tribe, Twenty-Nine Palms Indian Tribe, USBLM, U.S. Bureau of Reclamation (BOR), U.S. DOI and their consultants Herndon Solutions Group, and Summit Technical Resources, U.S. Environmental Protection Agency (USEPA), US Fish & Wildlife Services (USFWS)

August 18, 2015 – Geo/Hydro Technical Work Group Face-to-Face Meeting

Notified and Invited: ADEQ, CRWQCB, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRIT, CRB, DTSC and their consultants ESA, FMIT and their consultants Law Office of Courtney Coyle, The McDonald Law Firm, H&A, Fort Yuma-Quechan Indian Tribe, Hualapai Indian Tribe, IHS, MWD and their consultants Geopentech, Mohave County DPH, PG&E and their consultants CH2M Hill, Arcadis, Law Offices of J. Drew Page, and Pivox Corp., SDCWA, Senator Feinstein’s Office, TRC: Katz & Associates, Inc., CD&E, Rosenblum Environmental, Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Inc., Southwest Hydro-Logic, Torres-Martinez Indian Tribe, Twenty-Nine Palms Indian Tribe, USBLM, USBOR, USDO I and their consultants Herndon Solutions Group, and Summit Technical Resources, USEPA, USFWS

August 19, 2015 – Geo/Hydro Technical Work Group Face-to-Face Meeting

Notified and Invited: ADEQ, CRWQCB, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRIT, CRB, DTSC and their consultants ESA, FMIT and their consultants Law Office of Courtney Coyle, The McDonald Law Firm, H&A, Fort Yuma-Quechan Indian Tribe, Hualapai Indian Tribe, IHS, MWD and their consultants Geopentech, Mohave County DPH, PG&E and their consultants CH2M Hill, Arcadis, Law Offices of J. Drew Page, and Pivox Corp., SDCWA, Senator Feinstein’s Office, TRC: Katz & Associates, Inc., CD&E, Rosenblum Environmental, Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Inc., Southwest Hydro-Logic, Torres-Martinez Indian Tribe, Twenty-Nine Palms Indian Tribe, USBLM, USBOR, USDO I and their consultants Herndon Solutions Group, and Summit Technical Resources, USEPA, USFWS

September 15, 2015 – Clearinghouse Task Force Face-to-Face Meeting

Notified and Invited: CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental Inc., FMIT and their consultant H&A, Hualapai Indian Tribe, MWD, PG&E and their consultants Arcadis, CH2M Hill, & Keadjian Associates, LLC, TRC, USBLM, USDO I

September 15, 2015 – Geo/Hydro Technical Work Group Face-to-Face Meeting

Notified and Invited: ADEQ, CRWQCB, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRIT, CRB, DTSC and their consultants ESA, FMIT and their consultants Law Office of Courtney Coyle, The McDonald Law Firm, H&A, Fort Yuma-Quechan Indian Tribe, Hualapai Indian Tribe, IHS, MWD and their consultants Geopentech, Mohave County DPH, PG&E and their consultants CH2M Hill, Arcadis, Law Offices of J. Drew Page, and Pivox Corp., SDCWA, Senator Feinstein’s Office, TRC: Katz & Associates, Inc., CD&E, Rosenblum Environmental, Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Inc., Southwest Hydro-Logic, Torres-Martinez Indian Tribe, Twenty-Nine Palms Indian Tribe, USBLM, USBOR, USDO I and their consultants Herndon Solutions Group, and Summit Technical Resources, USEPA, USFWS

October 27, 2015 – Clearinghouse Task Force Face-to-Face Meeting

Notified and Invited: CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental Inc, FMIT and their consultant H&A, Hualapai Indian Tribe, MWD, PG&E and their consultants Arcadis, CH2M Hill, & Keadjian Associates, LLC, TRC, USBLM, USDO I

January 19, 2016 – Clearinghouse Task Force Face-to-Face Meeting

Notified and Invited: CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental Inc., FMIT and their consultant H&A, Hualapai Indian Tribe, MWD, PG&E and their consultants Arcadis, CH2M Hill, & Keadjian Associates, LLC, TRC, USBLM, USDO I

February 16, 2016 – Clearinghouse Task Force Face-to-Face Meeting

Notified and Invited: CIT, Cocopah Indian Tribe, California Regional Water Quality Control Board (CRWQCB), CRIT, DTSC, Eggers Environmental Inc., FMIT and their consultant H&A,

Hualapai Indian Tribe, MWD, PG&E and their consultants Arcadis, CH2M Hill, & Keadjian Associates, LLC, TRC, USBLM, USDO I

March 15, 2016 – Clearinghouse Task Force Face-to-Face Meeting

Notified and Invited: CIT, Cocopah Indian Tribe, CRWQCB, CRIT, DTSC, Eggers Environmental Inc., FMIT and their consultant H&A, Hualapai Indian Tribe, MWD, PG&E and their consultants Arcadis, CH2M Hill, & Keadjian Associates, LLC, Technical Review Committee (TRC), USBLM, USDO I

March 16, 2016 – Geo/Hydro Technical Workgroup Face-to-Face Meeting

Notified and Invited: ADEQ, CRWQCB, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRIT, CRB, DTSC and their consultants ESA, FMIT and their consultants Law Office of Courtney Coyle, The McDonald Law Firm, H&A, Fort Yuma-Quechan Indian Tribe, Hualapai Indian Tribe, IHS, MWD and their consultants Geopentech, Mohave County DPH, PG&E and their consultants CH2M Hill, Arcadis, Law Offices of J. Drew Page, and Pivox Corp., SDCWA, Senator Feinstein’s Office, TRC: Katz & Associates, Inc., CD&E, Rosenblum Environmental, Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Inc., Southwest Hydro-Logic, Torres-Martinez Indian Tribe, Twenty-Nine Palms Indian Tribe, USBLM, USBOR, USDO I and their consultants Herndon Solutions Group, and Summit Technical Resources, USEPA, USFWS

April 19, 2016 – Clearinghouse Task Force Face-to-Face Meeting

Notified and Invited: CIT, Cocopah Indian Tribe, CRWQCB, CRIT, DTSC, Eggers Environmental Inc., FMIT and their consultant H&A, Hualapai Indian Tribe, MWD, PG&E and their consultants Arcadis, CH2M Hill, & Keadjian Associates, LLC, TRC, USBLM, USDO I

June 21, 2016 – Clearinghouse Task Force Face-to-Face Meeting

Notified and Invited: CIT, Cocopah Indian Tribe, CRWQCB, CRIT, DTSC, Eggers Environmental Inc., FMIT and their consultant H&A, Hualapai Indian Tribe, MWD, PG&E and their consultants Arcadis, CH2M Hill, & Keadjian Associates, LLC, TRC, USBLM, USDO I

June 22, 2016 – Geo/Hydro Technical Workgroup Face-to-Face Meeting

Notified and Invited: ADEQ, CRWQCB, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRIT, CRB, DTSC and their consultants ESA, FMIT and their consultants Law Office of Courtney Coyle, The McDonald Law Firm, H&A, Fort Yuma-Quechan Indian Tribe, Hualapai Indian Tribe, IHS, MWD and their consultants Geopentech, Mohave County DPH, PG&E and their consultants CH2M Hill, Arcadis, Law Offices of J. Drew Page, and Pivox Corp., SDCWA, Senator Feinstein’s Office, TRC: Katz & Associates, Inc., CD&E, Rosenblum Environmental, Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Inc., Southwest Hydro-Logic, Torres-Martinez Indian Tribe, Twenty-Nine Palms Indian Tribe, USBLM, USBOR, USDO I and their consultants Herndon Solutions Group, and Summit Technical Resources, USEPA, USFWS