

## SITE DESIGNATION - STATUS REPORT

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

Date: <b>8/8/14</b>	Lead Agency: <b>Department of Toxic Substances Control, Geological Services Branch</b>
Site Name/Address: <b>PG&amp;E Topock Needles, CA</b>	Project Manager Name: <b>Aaron Yue</b>
Resolution Number: <b>03/03</b>	Project Manager Phone Number: <b>(714) 484-5439</b>

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

In FY 13/14, the Department of Toxic Substances Control (DTSC) and the Consultative Work Group (CWG) conducted face-to-face meetings periodically and teleconference calls as frequently as the project warranted. During FY 13/14, face-to-face meetings were held on July 17, 2013, October 16, 2013, February 12, 2014, and April 16, 2014. The Geo/Hydro Technical Subcommittee (TWG) of the CWG also meets periodically. During FY 13/14, face-to-face TWG meetings were held on July 18, 2013, September 18, 2013, October 16-17, 2013, November 19-20, 2013, December 17-18, 2013, February 11, 2014, March 19, 2014, April 17, 2014, May 21, 2014, and June 18, 2014. The Clearinghouse Task Force (CTF) met on July 26, 2013, August 20, 2013, September 17, 2013, October 15, 2013, November 19, 2013, December 17, 2013, February 13, 2014, March 18, 2014, April 15, 2014, May 20, 2014, and June 17, 2014.

A list of attendees of face-to-face meetings held during FY13/14 is provided as Attachment A. A list of all CWG Members and Tribal Representatives notified and invited to attend the CWG meetings is provided as Attachment B. A list of everyone notified and invited to attend Sub-Committee meetings is provided as Attachment C.

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 (CRITs), Fort Mojave Indian Tribe (FMIT), Hualapai Indian Tribe, and Quechan Indian Tribe. Each meeting agenda and significant issues from previous consultative meetings were provided to all participants.

### 2. Recent Public Comment/Participation:

#### Information Repositories (IRs) and Topock Website

During each quarter of FY 13/14, DTSC updated the DTSC Topock Project website with documents from the previous quarter. DTSC updated the entire website to better conform to the Cal EPA website format and launched the new website on March 26, 2014.

Information repository compact discs (cd's) were mailed out in August 2013 for the State's Fourth Quarter FY 12/13 information. The Third Quarter FY 2013 information cd's were prepared and delivered in person in November 2013. DTSC also conducted annual information repository survey in November 2013 to ensure all administrative records are in place. The next annual IR visit is in July 2014. The 2014 Annual Topock IR visit is being combined with the Soil EIR delivery visits.

#### Community Outreach

Newsletters were published in July 2013 and February 2014 to update the CWG/TWG on project activities. A 2014 project update fact sheet was prepared for publication in June 2014. The 2014 factsheet announced the availability of the soil investigation draft Environmental Impact Report (dEIR) for a 45 days review and comment period and announced two public hearings in July for the dEIR.

#### Tribal Outreach

On August 21, 2013, DTSC and PG&E met with tribal representatives from FMIT, Chemehuevi, CRIT, Cocopah, and Hualapai. The focus of the meeting was to discuss mitigation measures related to cultural resources and other related impacts such as biological, aesthetics, and noise. Also discussed were the Response to Comment process, the Technical Review Committee, and the Project Boundary.

On September 19-20, 2013, DTSC, DOI, BLM, FWD, TRC, CDFW, and PG&E and their consultants met with tribal representatives from the FMIT, Hualapai and CRIT to hold a Soil Risk Assessment Workshop and scoping meeting for the second Risk Assessment Workplan addendum.

On October 1, 2013, DTSC and their consultants ESA and Environmental Visual met with tribal representatives from FMIT, Hualapai, Cocopah, and Chemehuevi. The purpose of the meeting was to discuss Tribal preference on the Soil

EIR Aesthetic/ View shed impact analysis approach.

On October 28, 2013, DTSC and their consultant ESA, met with tribal representatives from FMIT, Hualapai, and Cocopah as a follow-up to the October 1, 2013 meeting. A site walk and discussion were focused on the approach to viewshed evaluation for the Soil Investigation EIR.

On December 16, 2013, DTSC and their consultant ESA met with tribal representatives from FMIT, Cocopah, Chemehuevi, and Hualapai. The purpose of the meeting was to discuss conceptual cultural resources mitigation measures for the draft Soil EIR. The meeting was held in Henderson, Nevada.

On December 27, 2013, a meeting and a site walk with the Tribes was held at the Topock Compressor Station for the proposed pipeline alignment at the site for the groundwater remediation 90% design.

On January 23, 2014, DTSC and their consultant ESA, met with tribal representatives from FMIT, CRIT, and Hualapai. This was a second meeting to discuss conceptual cultural resource mitigation measures for the Draft Soil EIR.

On February 4-5, 2014, Topock Orientation #2, Topock Compressor Station. The Topock Orientation is a collaborative effort between DTSC, Tribes, PG&E, and the U.S. Department of the Interior to reduce the learning curve by teaching and orienting new Topock stakeholders to the project.

### **Topock Site Mailing List Update**

The Topock mailing list was updated in September 2013, December 2013, March 2014, and June 2014.

### **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 under federal property, managed and overseen by the U.S. Department of Interior.

In addition, there are localized areas within and 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 soils. These occurrences are related to disposal and handling practices when chromium was used at the site. DTSC anticipates that these localized areas of soil contamination will be addressed by PG&E in the soil Corrective Measures Study (CMS) and final remedy.

### **4. Current Phase of Action:**

#### RFI/RI Volume 1 Addendum

Resolution of comments from DTSC, tribes and stakeholders on the RFI/RI Volume I Addendum was completed in the first three quarters of FY 13/14. On May 30, 2014, the final Addendum was submitted by PG&E and approved by DTSC on June 4, 2014.

#### Soil RFI/RI Workplan and Soil Investigation EIR

DTSC has completed a draft EIR to evaluate the potential environmental impacts for the proposed soil investigation activities. The public comment period for the draft EIR will last from July 7, 2014 to August 21, 2014. Public hearings were held in Needles, California and Golden Shores, Arizona on July 22 and 23, 2014, respectively. On July 25, 2014 and July 30, 2014, the Hualapai Indian Tribe and the Fort Mojave Indian Tribe, respectively, requested a 30 days extension to the public comment period for the draft EIR. DTSC will likely approve an extension for 15 days. DTSC anticipates to certify the soil investigation EIR by the end of 2014.

#### Freshwater Implementation Plan (FWIP)

The Final Implementation Plan for Evaluation of Alternative Freshwater Sources in the Topock Remediation Project Area was submitted on August 2, 2013. DTSC approved and adopted the plan on September 4, 2013. Field work for the Evaluation of Alternative Freshwater Sources began on October 2, 2013 and was completed in February 2014. Field work for the FWIP included: Biological pre-construction reconnaissance for the FWIP on October 2, 2013; Geophysical activities occurred the week of October 22, 2013; Biological, archaeological and historical monitoring for the FWIP occurred continuously during work. The Freshwater Evaluation Technical Memorandum was submitted on April 2, 2014. DTSC and DOI submitted a letter of direction to PG&E on the freshwater source on April 4, 2014. A kick-off meeting for the Freshwater drilling occurred on May 30, 2014. Field work continued throughout June 2014. Biological monitoring was conducted prior and during field work in compliance with mitigation measures.

#### Groundwater Remedy

- The Basis of Design Report/ Intermediate (60%) Design for the Final Groundwater Remedy was submitted on



- monthly in 2 wells during low river periods in winter and monthly in 2 extraction wells,
- monthly in 4 river shoreline locations, 2 other surface water monitoring locations, and 10 in-channel river locations during low river periods in winter,
- quarterly in 56 wells, 4 river shoreline locations, 2 other surface water monitoring locations, and 10 in-channel river locations,
- semi-annually in 91 wells,
- annually in 130 wells, and
- biennially in 143 wells

PG&E also conducts a Compliance Monitoring Program for the operation of the Interim Measures pump and treat system which includes monitoring of eleven wells semi-annually and six wells annually,

**Oversight Agency Costs Reimbursed To Date:** DTSC labor expenditures for July 2013 to June 2014: DTSC spent 7,424 hours with an oversight cost of \$1,438,799.60.

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

(Continued from Section 4)

Specific activities during FY 13/14 included the following:

### Surveys

- A plant survey for arrowweed and lyceum was conducted December 16-17, 2013 in response to a comment from DOI on the 60% design (#311 DOI-140).
- A supplemental ethno botanical survey was submitted in February 28, 2014.
- Protocol surveys for the Southwest Willow Flycatcher occurred on May 19-23, June 2 - 6; June 16 - 20; and June 30 to July 3, 2014.
- Western Yellow Billed Cuckoo surveys occurred on June 16-20, and June 30, 2014.

### Wells

Excavation work for the Old Well in Bat Cave wash was completed during the 1<sup>st</sup> and 2<sup>nd</sup> Quarters FY 13/14. This well has been renamed to TCS Well No. 4. Soil samples were collected during the excavation work. A video log was completed on April 1, 2014 for TCS-4. From TCS-4, a soil sample was collected on March 25, 2014 and a groundwater sample was collected on May 20, 2014.

### Monitoring Programs

- EIR Mitigation Monitoring and Reporting Program requirements appropriate to the design and planning stages of the Final Groundwater Remedy is being implemented. Quarterly EIR Mitigation Measures Compliance Report for the Final Groundwater Remedy was submitted by PG&E on July 31, 2013, October 31, 2013, January 31, 2014, and April 30, 2014.
- Implementation of the groundwater and surface water monitoring program continued during FY 13/14. Groundwater monitoring events occurred on September 9 – October 3, 2013; November 4 – December 19, 2013; February 10 – March 6, 2014; and April 9 – May 14, 2014. Surface water monitoring events occurred on July 15-16, 2013; November 20-21, 2013; January 13-14, 2014, and May 21-22, 2014.
- The field portion of a technical trial of sampling methods was completed in March 2013. The technical memorandum was included as Appendix H in the 2<sup>nd</sup> Quarter FY 13/14 and Annual Performance Monitoring and Site-Wide Groundwater and Surface Water Monitoring Report (PMP/GMP) on March 14, 2014. The technical trial included three consecutive groundwater monitoring events in the 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Quarters of FY 12/13.
- PG&E continued post-test monitoring of the floodplain and upland *in situ* pilot tests during FY 13/14. Both the Annual 2013 Floodplain *in situ* pilot tests monitoring report and the Annual Upland *in situ* pilot tests monitoring report were submitted October 11, 2013.
- Continuous operation of the Interim Measure groundwater extraction, treatment, and injection facility continued throughout FY 13/14. As of March 31, 2014, the Interim Measure removed approximately 7,900 pounds of chromium from the extracted groundwater.

- PG&E completed required monitoring and reporting of treatment plant operations as required by the Applicable, Relevant and Appropriate (ARARs) under DOI oversight. Quarterly IM-3 Self-Monitoring Reports were submitted on July 15, 2013, October 15, 2013, January 15, 2014, and April 15, 2014. Semiannual Compliance Monitoring Program (CMP) reports were submitted on July 15, 2013 and January 15, 2014.
- Performance Monitoring Program (PMP) activities in the Colorado River floodplain continued in FY 13/14. The Performance Monitoring and Site-Wide Groundwater and Surface Water Monitoring Reports were submitted by PG&E on August 15, 2013, November 29, 2013, March 14, 2014, and April 30, 2014.

## 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 30<sup>th</sup>. 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 2013 – June 2014**

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

**July 16, 2013 – Clearinghouse Task Force Face-to-Face Meeting**

**Attendees:** Department of Toxic Substances Control (DTSC): Karen Baker, Yolanda Garza, Aaron Yue (after lunch); Pacific Gas and Electric (PG&E): Sheryl Bilbrey, Yvonne Meeks, Curt Russell (after lunch); Keadjian on behalf of PG&E: Ed Moser; U.S. Bureau of Land Management (BLM): Kim Liebhauser; Chemehuevi Indian Tribe (CIT): Steven Escobar; Cocopah Indian Tribe: Edgar Castillo (via telephone); Colorado River Indian Tribes (CRIT): Howard Magill; Fort Mojave Indian Tribe (FMIT): Nora McDowell-Antone (via telephone), Leo Leonhart (H&A) (by phone); Hualapai Indian Tribe: Loretta Jackson-Kelly, Dawn Hubbs; Facilitation and Technical Support: CH2M Hill on behalf of PG&E: Christina Hong; Arcadis on behalf of PG&E: Lisa Micheletti-Cope, Lisa Kellogg; Technical Review Committee Members (TRC): Margaret Eggers

**July 17, 2013 – Consultative Work Group Face-to-Face Meeting**

**Attendees:** DTSC: Karen Baker, Aaron Yue, Yolanda Garza, Isabella Alasti, Chris Guerre. Jose Marcos (via telephone), Lori Hare (via telephone); Environmental Science Associates (ESA) on behalf of DTSC: Addie Farrell, Monica Strauss (via telephone); California Department of Fish & Wildlife (DFW): Victoria Chau; Colorado River Board of California (CRB): Lindia Liu (via telephone); PG&E: Sheryl Bilbrey, Yvonne Meeks, Curt Russell, Glen Caruso, Juan Jayo, Valisa Nez, Virginia Strohl (via telephone), Mike Zischke (via telephone); CH2M Hill on behalf of PG&E: Christina Hong, Jay Piper; Arcadis on behalf of PG&E: Lisa Micheletti-Cope, Lisa Kellogg, Janis Lutrick (via telephone), Frank Lenzo (via telephone), Gretchen Cox (Blair, Church & Flynn Consulting Eng.); Keadjian on behalf of PG&E: Ed Moser; U.S. BLM: George Shannon, Kim Liebhauser, Cathy Wolff-White; U.S. Bureau of Reclamation (BOR): Jeff Smith, Mark Slaughter; U.S. Dept. of the Interior (DOI): Pam Innis, Richard Barbour (GRB); U.S. Fish and Wildlife Service (USFWS): Carrie Marr (via telephone); Metropolitan Water District: Maria Lopez (via telephone), Bart Koch (via telephone); Mojave County DPH: Rachel Patterson; CIT: Steven Escobar; Cocopah Indian Tribe: Jill McCormick, Edgar Castillo (via telephone); CRIT: Howard Magill; FMIT: Nora McDowell-Antone (via telephone), Leo Leonhart (H&A), Courtney Coyle (Legal Rep) (via telephone), Michael Sullivan (Toxicologist); Hualapai Indian Tribe: Dawn Hubbs; TRC: Charlie Schlinger, Margaret Eggers, Win Wright, Robert Prucha

**July 18, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Attendees:** DTSC: Chris Guerre, Aaron Yue, Yolanda Garza; PG&E: Yvonne Meeks, Glenn Caruso, Glen Riddle, Curt Russell, Valisa Nez; CH2M Hill: Christina Hong, Mike Cavaliere, John Porcella, Brian Schroth (via phone), Martin Barackman (via phone), John Baxter (via phone), John Roller (via phone); ARCADIS: Lisa Cope, Lisa Kellogg, Frank Lenzo (via phone), Greg Foote (via phone); DOI: Pamela Innis, Rich Barbour (via phone), Mike Anderson (via phone); BLM: George Shannon; USBR: Jeff Smith; MWD: Maria Lopez (via phone), Eric Fordham (via phone);

CRB: Lindia Liu (via phone); CRIT: Howard Magill; Chemehuevi: Steven Escobar; Hualapai: Dawn Hubbs; FMIT: Leo Leonhart (H&A), Jim Schwall (H&A via phone); TRC: Margaret Eggers, Bob Prucha, Win Wright

### **August 20, 2013 – Clearinghouse Task Force Face-to-Face Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza; MWD: Eddie Rigdon, Maria Lopez (via telephone); PG&E: Sheryl Bilbrey, Glenn Caruso Keadjian on behalf of PG&E: Ed Moser; BLM: Kim Liebhauser; Chemehuevi Indian Tribe (CIT): Steven Escobar, Edward D. Smith; Cocopah Indian Tribe: Edgar Castillo; Colorado River Indian Tribes (CRIT): Howard Magill; FMIT: Angie Alvarado, Russell Ray, Paul Jackson; Leo Leonhart (H&A); Facilitation and Support: CH2M Hill on behalf of PG&E: Christina Hong; ; Arcadis on behalf of PG&E: Lisa Micheletti-Cope, Lisa Kellogg; TRC: Margaret Eggers

### **September 17, 2013 – Clearinghouse Task Force Face-To-Face Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza; DOI: Pam Innis; BLM: Kim Liebhauser, Amanda Dodson; PG&E: Sheryl Bilbrey, Yvonne Meeks, Stephanie Isaacson (via phone), Glen Caruso (via phone); Keadjian on behalf of PG&E: Ed Moser; FMIT: Nora McDowell-Antone, Leo Leonhart; Hualapai: Dawn Hubbs; CRIT: Howard Magill, Doug Bonamici (via phone); MWD: Eddie Rigdon, Maria Lopez (via phone); Cocopah: Edgar Castillo (via phone), Jill McCormick (via phone); CIT: Tom Pradetto (via phone); Facilitation and Support: On behalf of PG&E: CH2M Hill: Christina Hong; Arcadis: Lisa Kellogg, Lisa Micheletti Cope; TRC: Maragaret Eggers; ETIC: Christa Marting

### **September 17, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Attendees:** DTSC: Chris Guerre, Karen Baker, Yolanda Garza; PG&E: Yvonne Meeks, Valisa Nez, Curt Russell, Glen Caruso (via phone); ARCADIS: Ben Wuerl, Frank Lenzo, Lisa Kellogg, Lisa Cope, John Baxter (via phone); CH2M Hill: Christina Hong, Mike Cavaliere; DOI: Pamela Innis; DOI Consultant: Richard Barbour, Mike Anderson (via phone); USBR: Jeffery Smith; CDFW: Victoria Chau (via phone); ETIC: Christa Marting; CRB: Lindia Liu (via phone); MWD: Maria Lopez (via phone), Eric Fordham (via phone); CIT: Steve Escobar (via phone), Tom Pradetto (via phone); CRIT: Howard Magill; FMIT: Nora McDowell, Leo Leonhart (H&A); Hualapai: Dawn Hubbs, Bennett Jackson; Cocopah: Jill McCormick (via phone); TRC: Charlie Schlinger, Margaret Eggers, Eric Rosenblum, Win Wright

### **September 18, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Attendees:** DTSC: Chris Guerre, Karen Baker, Yolanda Garza, Aaron Yue (via phone); PG&E: Curt Russell, Valisa Nez, Yvonne Meeks, Glen Caruso (via phone); ARCADIS: Lisa Kellogg, Ben Wuerl, Frank Lenzo, Jonathon Roller, Lisa Cope, Margaret Gentile (via phone); CH2M Hill: Christina Hong, Martin Barackman, Brian Schroth (via phone); DOI: Pam Innis; DOI Consultant: Richard Barbour, Mike Anderson (via phone); HSG (for DOI): Anne Twomey; MWD: Maria Lopez (via phone), Eric Fordham (via phone); BOR: Jeff Smith (via phone); CIT: Steven Escobar (via phone); Hualapai: Bennett Jackson, Dawn Hubbs; CRIT: Howard Magill; FMIT: Nora



McDowell; Leo Leonhart (H&A); TRC: Win Wright, Margaret Eggers, Charlie Schlinger, Eric Rosenblum

**October 15, 2013 – Clearinghouse Task Force Face-To-Face Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza, Isabella Alasti; DOI: Pam Innis (via phone); PG&E: Sheryl Bilbrey, Yvonne Meeks, Stephanie Isaacson (via phone), Glen Caruso; Keadjian on behalf of PG&E: Ed Moser; FMIT: Nora McDowell-Antone, Leo Leonhart; Hualapai: Dawn Hubbs; CRIT: Howard Magill; MWD: Maria Lopez; Cocopah: Edgar Castillo; CIT: Tom Pradetto; Facilitation and Support: On behalf of PG&E: CH2M Hill: Christina Hong; Arcadis: Lisa Kellogg, Lisa Micheletti Cope; TRC: Maragaret Eggers (via phone); ETIC: Christa Marting

**October 16, 2013 – Consultative Work Group Face-to-Face Meeting**

**Attendees:** DTSC: Karen Baker, Aaron Yue, Yolanda Garza, Isabella Alasti, Chris Guerre. Jose Marcos (via telephone), Lori Hare (via telephone); Environmental Science Associates (ESA) on behalf of DTSC: Bobbette Biddulph, Shannon Stewart, Addie Farrell; SWRCB: Tom Vandenberg (via telephone); CRB: Lindia Liu (via telephone); PG&E: Sheryl Bilbrey, Yvonne Meeks, Curt Russell, Glen Caruso, Juan Jayo, Glen Riddle; CH2M Hill on behalf of PG&E: Christina Hong, Mike Cavaliere, Keith Sheets; Arcadis on behalf of PG&E: Lisa Micheletti-Cope, Lisa Kellogg, Frank Lenzo, Gretchen Cox (Blair, Church & Flynn Consulting Eng.); ETIC on behalf of PG&E: Christa Marting; U.S. Dept. of the Interior (DOI): Pam Innis, Richard Barbour (GRB via telephone); DFW: Victoria Chau; MWD: Maria Lopez, Jill C. Teraoka; CIT: Thomas Pradetto; Cocopah Indian Tribe: Edgar Castillo; CRIT: Howard Magill; FMIT: Leo Leonhart (H&A), Courtney Coyle, Steven McDonald (Legal Rep) (via telephone); Hualapai Indian Tribe: Dawn Hubbs, Bennett Jackson; TRC: Charlie Schlinger, Margaret Eggers (via phone), Win Wright, Robert Prucha, Eric Rosenblum

**October 16, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Attendees:** DTSC: Chris Guerre, Aaron Yue, Yolanda Garza; PG&E: Glenn Caruso, Curt Russell, Glen Riddle, Juan Jayo, Mike Zischke, Valisa Nez (via phone); CH2M Hill: John Porcella, Christina Hong, Keith Sheets, Martin Barackman (via phone); ARCADIS: Frank Lenzo, Lisa Kellogg, Ben Wuerl (via phone), John Roller (via phone); DOI: Pam Innis (via phone); DOI Consultant: Rich Barbour (via phone), Mike Anderson (via phone); MWD: Maria Lopez, Jill Teraoka, Eric Fordham (via phone); Quechan Indian Tribe: Arlene Kingery; Cocopah: Edgar Castillo; FMIT: Nora McDowell, Leo Leonhart (H&A), Courtney Coyle (Legal); Hualapai: Dawn Hubbs, Bennet Jackson; TRC: Bob Prucha, Charlie Schlinger, Eric Rosenblum, Win Wright, Margaret Eggers (via phone)

**October 17, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Attendees:** DTSC: Chris Guerre, Aaron Yue, Karen Baker, Yolanda Garza; PG&E: Yvonne Meeks, Glenn Caruso, Curt Russell, Glen Riddle, Juan Jayo, Mike Zischke, Valisa Nez (via phone); CH2M Hill: John Porcella, Christina Hong, Martin Barackman (via phone); ARCADIS: Frank Lenzo, Lisa Kellogg, Lisa Micheletti-Cope, John Baxter (via phone), Ben Wuerl (via phone); DOI: Pam Innis

(via phone); DOI Consultant: Rich Barbour (via phone), Mike Anderson (via phone); Cocopah: Edgar Castillo; FMIT: Leo Leonhart (H&A), Courtney Coyle (Legal); Hualapai: Dawn Hubbs; CRIT: Howard Magill; TRC: Bob Prucha, Charlie Schlinger, Eric Rosenblum, Win Wright, Margaret Eggers (via phone)

#### **November 19, 2013 – Clearinghouse Task Force Face-To-Face Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza; DOI: Pam Innis; BLM: Kim Liebhauser; PG&E: Sheryl Bilbrey, Yvonne Meeks, Glen Caruso; Keadjian on behalf of PG&E: Ed Moser; FMIT: Nora McDowell-Antone, Leo Leonhart; Hualapai: Dawn Hubbs; Cocopah: Edgar Castillo (via phone), Jill McCormick (via phone); CIT: Tom Pradetto; Facilitation and Support: On behalf of PG&E: CH2M Hill: Christina Hong, Frankie Burton; Arcadis: Lisa Kellogg, Lisa Micheletti Cope; TRC: Win Wright, Bob Prucha, Charlie Schlinger (via phone); ETIC: Christa Marting

#### **December 17, 2013 – Clearinghouse Task Force Face-To-Face Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza; DOI: Pam Innis; BLM: Kim Liebhauser; MWD: Eddie Rigdon; PG&E: Sheryl Bilbrey, Glenn Caruso, Yvonne Meeks; Cocopah: Edgar Castillo, Jill McCormick; Chemehuevi: Steven Escobar; FMIT: Leo Leonhart; Hualapai: Dawn Hubbs, Loretta Jackson-Kelly, Rudy Clark; Facilitation and Support on behalf of PG&E: Arcadis: Lisa Kellogg (via phone), Lisa Micheletti-Cope; Keadjian: Ed Moser (via phone); ETIC: Christa Marting; TRC: Win Wright

#### **December 17, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Attendees:** DTSC: Karen Baker, Chris Guerre, Aaron Yue, Yolanda Garza; PG&E: Glenn Caruso, Curt Russell, Glen Riddle, Valisa Nez, Yvonne Meeks, Juan Jayo, Mike Eischke; CH2M Hill: John Porcella, Christina Hong, Noel Bush; ARCADIS: Lisa Cope, Frank Lenzo, Lisa Kellogg, Fred Stanin, Margy Gentile, John Roller, Emily Shoe; DOI: Amber Tascheredu, Pam Innis; ETIC for DOI: Christa Marting; DOI Consultant: Mike Anderson; USBR: Jeffery Smith; MWD: Eddie Rigdon, Eric Fordham; FMIT: Nora McDowell, Leo Leonhart (H&A), Courtney Coyle (Legal); CIT: Jill McCormick, Edgar Castillo, Steven Escobar; Hualapai: Rudy Clark, Loretta Jackson-Kelly, Dawn Hubbs; TRC: Margaret Eggers, Eric Rosenblum, Bob Prucha, Charlie Schlinger, Win Wright

#### **December 18, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Attendees:** DTSC: Karen Baker, Chris Guerre, Aaron Yue, Yolanda Garza; PG&E: Sheryl Bilbrey, Glenn Caruso, Curt Russell, Glen Riddle, Valisa Nez, Yvonne Meeks, Juan Jayo, Mike Zischke; CH2M Hill: John Porcella, Christina Hong, Mark Bastashch, Shaun Duffy, Doug Scott; ARCADIS: Frank Lenzo, Lisa Kellogg, Hans Johanss; DOI: Amber Taschereau, Pam Innis; DOI Consultant: Michael Anderson; USBR: Jeffery Smith; MWD: Eric Fordham; CRB: Lindia Liu; FMIT: Leo Leonhart (H&A), Nora McDowell, Courtney Coyle (Legal); CIT: Jill McCormick, Edgar Castillo, Steven Escobar; Hualapai: Dawn Hubbs, Robert Bravo, Rudy Clark; TRC: Margaret Eggers, Eric Rosenblum, Bob Prucha, Charlie Schlinger, Win Wright

**January 23, 2014 – Geo/Hydro Technical Work Group Phone Meeting**

**Attendees:** DTSC: Chris Guerre; PG&E: Curt Russell, Glen Riddle; CH2M Hill: Nathan Betts; CRIT: Howard Magill; FMIT: Nora McDowell-Antone, Michael Sullivan; Hualapai: Dawn Hubbs, Rudolph Clark; TRC: Margaret Eggers

**February 11, 2014 – Geo/Hydro Technical Work Group Face-to-Face Meeting**

**Attendees:** DTSC: Karen Baker, Chris Guerre, Isabella Alasti, Aaron Yue, Yolanda Garza; USDO: Pam Innis; USFWS: Carrie Marr; USBLM: Gloria Bullets Benson; CDFW: Victoria Chau; PG&E: Yvonne Meeks, Curt Russell, Glen Riddle, Juan Jayo, Valisa Nez, Glenn Caruso; CH2M Hill: Nathan Betts; Arcadis: Frank Lenzo, Lisa Kellogg; Cox Castle: Mike Zischke; MWD: Maria Lopez, Eddie Rigdon; FMIT: Nora McDowell-Antone, Leo Leonhart (H&A); Cocopah: Edgar Castillo; Hualapai: Dawn Hubbs, Bennett Jackson; CRIT: Howard Magill; TRC: Eric Rosenblum, Win Wright, Margaret Eggers, Charlie Schlinger

**February 12, 2014 – Consultative Work Group Face-to-Face Meeting**

**Attendees:** DTSC: Karen Baker, Aaron Yue, Yolanda Garza, Isabella Alasti, Chris Guerre. Jose Marcos (via telephone), Lori Hare (via telephone), Susan Wilcox (DTSC consultant); ESA on behalf of DTSC: Bobbette Biddulph (via phone); SWRCB: Tom Vandenberg (via telephone); CRB: Jay Chen (via telephone); PG&E: Sheryl Bilbrey, Yvonne Meeks, Curt Russell, Glen Caruso, Juan Jayo, Valisa E. Nez, Ben Weuhrl (consultant); CH2M Hill on behalf of PG&E: Christina Hong, Mike Cavaliere (via phone); Arcadis on behalf of PG&E: Lisa Kellogg, Frank Lenzo, Gretchen Cox (Blair, Church & Flynn Consulting Eng.); ETIC on behalf of PG&E: Christa Marting; Cox Castle on behalf of PG&E: Michael Zeschke; U.S. Dept. of the Interior (DOI): Pam Innis, Richard Barbour (GRB via telephone); USBLM: George Shannon, Gloria Bullets Benson, Kim Liebhauser; USFWS: Carrie Marr, Linda Miller; USBOR: Mark Slaughter, Jeff Smith; DFW: Victoria Chau; MWD: Bart Koch, Maria Lopez, Eddie Rigdon, Jill C. Teraoka; Mojave Co DPH: Rachel Patterson; CRWQCB: Robert Perdue; CIT: Thomas Pradetto; Cocopah Indian Tribe: Edgar Castillo; CRIT: Howard Magill; FMIT: Nora McDowell, Antone, Leo Leonhart (H&A), Courtney Coyle (via phone), Steven McDonald (Legal Rep) (via telephone); Hualapai Indian Tribe: Dawn Hubbs, Bennett Jackson, Rudy Clark, Sr.; TRC: Charlie Schlinger, Margaret Eggers, Win Wright, Eric Rosenblum

**February 13, 2014 – Clearinghouse Task Force Face-To-Face Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza; DOI: Pam Innis; BLM: Kim Liebhauser; MWD: Eddie Rigdon; PG&E: Sheryl Bilbrey, Yvonne Meeks; Cocopah: Edgar Castillo; FMIT: Nora McDowell, Leo Leonhart (via telephone); CRITs: Howard Magill; Hualapai: Dawn Hubbs; Facilitation and Support on behalf of PG&E: CH2M Hill: Christina Hong; Arcadis: Lisa Kellogg; Keadjian: Ed Moser (via phone); ETIC: Christa Marting; TRC: Win Wright, Margaret Eggers

**March 18, 2014 – Clearinghouse Task Force Face-To-Face Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza, Aaron Yue (via phone); DOI: Pam Innis; BLM: Kim Liebhauser, Gloria Benson; MWD: Maria Lopez; PG&E: Sheryl Bilbrey, Yvonne Meeks,

Glenn Caruso; Cocopah: Edgar Castillo (via phone); FMIT: Leo Leonhart; CRITs: Howard Magill, Doug Bonamici; Hualapai: Dawn Hubbs, Loretta Jackson Kelly, Rudy Clark, Robert Bravo; Chemehuevi: Steven Escobar, Raymond Mejia; Cocopah: Edgar Castillo (via phone); Facilitation and Support on behalf of PG&E: CH2M Hill: Christina Hong; Arcadis: Lisa Kellogg, Lisa Kope; Keadjian: Ed Moser (via phone); ETIC: Christa Marting; TRC: Charlie Schlinger

#### **March 19, 2014 – Geo/Hydro Technical Workgroup Face-To-Face Meeting**

**Attendees:** DTSC: Chris Guerre, Aaron Yue, Karen Baker, Jose Marcos, Yolanda Garza, John Meerscheidt; DTSC Consultant: Susan Wilcox; PG&E: Glen Caruso, Curt Russell, Glen Riddle, Valisa Nez, Yvonne Meeks; CH2M Hill: ARCADIS: Frank Lenzo, Lisa Kellogg, Fred Statin; DOI: Amber Tascheredu; DOI Consultant: Mike Anderson; MWD: Maria Lopez, Eric Fordham; CRB: Jay Chen; CRIT: Howard Magill; FMIT: Nora McDowell, Leo Leonhart (H&A); Hualapai: Dawn Hubbs, Loretta Jackson-Kelly, Rudy Clark; TRC: Bob Prucha, Charlie Schlinger, Eric Rosenblum, Win Wright, Margaret Eggers;

#### **April 15, 2014 – Clearinghouse Task Force Face-To-Face Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza; DOI: BLM: Kim Liebhauser, Gloria Benson, Amanda Dodson; MWD: Eddie Rigdon; PG&E: Sheryl Bilbrey, Yvonne Meeks, Glenn Caruso; FMIT: Nora McDowell; CRITs: Howard Magill; Chemehuevi: Raymond Mejia; Facilitation and Support on behalf of PG&E: CH2M Hill: Christina Hong; Arcadis: Lisa Kellogg, Lisa Cope; Keadjian: Ed Moser (via phone); TRC: Eric Rosenblum

#### **April 16, 2014 – Consultative Workgroup Face-toFace Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza, Isabella Alasti, Susan Wilcox (consultant), Aaron Yue (via phone), Chris Guerre (via phone), Lori Hare (via phone); ESA on behalf of DTSC: Shannon Stewart; CRB: Jing-Chang (Jay) Chen (via phone), Lindia Liu (via phone); PG&E: Sheryl Bilbrey, Yvonne Meeks, Glen Caruso, Juan Jayo, Valisa E. Nuez, Curt Russell, Mike Zischke (via phone), Danielle Starring; CH2 M Hill on behalf of PG&E: Christina Hong; Arcadis on behalf of PG&E: Lisa Kellogg, Lisa Micheletti-Cope, Eric Putnam, Mark Atkinson, Shakeel Jogia, Hanna Rolands (via phone), Frank Lenzo (via phone); Keadjian on behalf of PG&E: Ed Moser (via phone); USBLM: George Shannon, Gloria Bullets Benson, Amanda Dodson, Kim Liebhauser; USBOR: Jeff Smith (via phone); Herndon on behalf of DOI: Amber Taschereau; USFWS: Carrie Marr (via phone), Linda Miller (via phone); DFW: Victoria Chau; MWD: Maria Lopez, Eddie Rigdon, Jill C. Teraoka; CIT: Raymond Mejiu; Cocopah: Edgar Castillo (via phone); CRIT: Howard Magill; FMIT: Nora McDowell, Luke Johnson, Courtney Coyle (via phone), Hualapai: Bennett Jackson; TRC: Margaret Eggers, Win Wright, Eric Rosenblum

#### **April 17, 2014 – Geo/Hydro Technical Workgroup Face-To-Face Meeting**

**Attendees:** DTSC: Chris Guerre, Susan Wilcox (consultant); Margaret Eggers; DOI: Mike Anderson; BLM: George Shannon; PG&E: Glen Riddle, Danielle Starring, Curt Russell, Glenn Caruso, Valisa Nez; ARCADIS: Margy Gentile, Fred Stanin, Lisa Kellogg, Lisa Cope, Eric Putnam;

CH2M Hill: Mike Cavaliere; PVX: Shakeel Jogia; FMIT: Nora McDowell, Leo Leonhart;  
Chemehuevi: Raymond Mejia; CRIT: Howard Magill; TRC: Win Wright, Eric Rosenblum

**May 20, 2014 – Clearinghouse Task Force Face-to-Face Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza; DOI: Pam Innis; PG&E: Sheryl Bilbrey, Glen Caruso, Yvonne Meeks (via phone), Ed Moser (Keadjian & Assoc.) (via phone); CRIT: Howard Magill; FMIT: Nora McDowell; Hualapai: Dawn Hubbs; Chemehuevi: Raymond Mejia; Cocopah: Edgar Castillo; MWD: Eddie Rigdon; BLM: Kim Liebhauser, Amanda Dodson, Gloria Benson, George Shannon; Facilitation and Technical Support: CH2M Hill: Christina Hong; ARCADIS: Lisa Kellogg, Lisa Micheletti Cope, Mark Atkinson; TRC: Eric Rosenblum

**June 17, 2014 – Clearinghouse Task Force Face-to-Face Meeting**

**Attendees:** DTSC: Karen Baker, Yolanda Garza; DOI: Pam Innis; PG&E: Sheryl Bilbrey (via phone), Glen Caruso, Yvonne Meeks, Ed Moser (Keadjian & Assoc.) (via phone); CRIT: Howard Magill; Hualapai: Dawn Hubbs; Chemehuevi: Raymond Mejia, Steven Escobar; Cocopah: Edgar Castillo; MWD: Eddie Rigdon; BLM: Gloria Benson (via phone); Facilitation and Technical Support: CH2M Hill: Christina Hong; ARCADIS: Lisa Kellogg, Lisa Micheletti Cope; TRC: Charlie Schlinger

**June 18, 2014 – Geo/Hydro Technical Work Group Face-to-Face Meeting**

**Attendees:** DTSC: Karen Baker, Chris Guerre, Yolanda Garza; DTSC Consultant: Susan Wilcox; DOI: Pamela Innis; PG&E: Danielle Starring, Valisa Nez, Glen Riddle, Glen Caruso, Curt Russell; ARCADIS for PG&E: Lisa Cope, Eric Putnam, Lisa Kellogg, Margy Gentile, Ben Wuerl; CH2M Hill for PG&E: Mike Cavaliere, Christina Hong, Brian Schroth; BLM: Gloria Benson; MWD: Eddie Rigdon; Hualapai: Dawn Hubbs; Cocopah: Edgar Castillo; Chemehuevi: Raymond Mejia; TRC: Charlie Schlinger, Eric Rosenblum, Margaret Eggers, Bob Prucha

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**ATTACHMENT B – Invitees to Consultative Work Group Meetings**

**July 17, 2013 – Consultative Work Group Face-to-Face Meeting**

**Notified and Invited:** Arizona Bureau of Land Management (AZ BLM), Arizona Department of Environmental Quality (ADEQ), California Department of Fish & Wildlife (CDFW), California Regional Water Quality Control Board – Colorado River Basin Region, California State University Northridge, Chemehuevi Indian Tribe (CIT), Cocopah Indian Tribe (CIT), Colorado River Board (CRB), Colorado River Indian Tribe (CRIT), Cox Castle & Nicholson, LLP, Department of Toxic Substances Control (DTSC), Eggers Environmental, Environmental Science Associates (ESA), Fort Mojave Indian Tribe (FMIT) and their consultants Hargis & Associates, Law Office of Courtney Coyle, Law Offices of J. Drew Page, The McDonald Law Firm, LC, Fort Yuma-Quechan Tribe, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, Integrated Hydro Systems, LLC, Katz & Associates, Inc., Keadjian Associates, LLC, Metropolitan Water District (MWD), Mohave County Department of Public Health (DPH), Pacific Gas & Electric Company (PG&E) and their consultants CH2M Hill, Arcadis, Regional Water Quality Control Board (RWQCB), Remy Moose Manley, San Diego County Water Authority (SDCWA), Senator Feinstein’s Office, Southwest Hydro-Logic, State Water Resources Control Board (SWRCB), Summit Technical Resources, Torres-Martinez Desert Cahuilla Indian Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US Bureau of Land Management (BLM), US Bureau of Reclamation (BOR), US Department of Interior (DOI), US Environmental Protection Agency (USEPA), US Fish & Wildlife Services (USFWS), Yavapai-Prescott Tribe

**October 16, 2013 – Consultative Work Group Face-to-Face Meeting**

**Notified and Invited:** AZ BLM, ADEQ, CDFW, CRWQCB, California State University Northridge, CIT, CRB, CRIT, Cox Castle & Nicholson, LLP, DTSC, Eggers Environmental, ESA, FMIT and their consultants Hargis & Associates, Law Office of Courtney Coyle, Law Offices of J. Drew Page, The McDonald Law Firm, LC, Fort Yuma-Quechan Tribe, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, Integrated Hydro Systems, LLC, Katz & Associates, Inc., Keadjian Associates, LLC, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill, Arcadis, RWQCB, Remy Moose Manley, SDCWA, Senator Feinstein’s Office, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Torres-Martinez Desert Cahuilla Indian Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US BLM, US BOR, US DOI, US EPA, USFWS, Yavapai-Prescott Tribe

**February 12, 2014 – Consultative Work Group Face-to-Face Meeting**

**Notified and Invited:** AZ BLM, ADEQ, CDFW, CRWQCB, California State University Northridge, CIT, Coachella Valley Water District, CRB, CRIT, Cox Castle & Nicholson, LLP, DTSC, Eggers Environmental, ESA, FMIT and their consultants Hargis & Associates, Law Office of Courtney Coyle, Law Offices of J. Drew Page, The McDonald Law Firm, LC, Fort Yuma-Quechan Tribe, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, Integrated Hydro Systems, LLC, Katz & Associates, Inc., Keadjian Associates, LLC, MWD, Mohave

County DPH, PG&E and their consultants CH2M Hill, Arcadis, RWQCB, Remy Moose Manley, SDCWA, Senator Feinstein's Office, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Torres-Martinez Desert Cahuilla Indian Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US BLM, US BOR, US DOI, US EPA, USFWS, Yavapai-Prescott Tribe

**April 16, 2014 – Consultative Workgroup Face-toFace Meeting**

**Notified and Invited:** AZ BLM, ADEQ, CDFW, CRWQCB, California State University Northridge, CIT, Coachella Valley Water District, CRB, CRIT, Cox Castle & Nicholson, LLP, DTSC, Eggers Environmental, ESA, FMIT and their consultants Hargis & Associates, Law Office of Courtney Coyle, Law Offices of J. Drew Page, The McDonald Law Firm, LC, Fort Yuma-Quechan Tribe, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, Integrated Hydro Systems, LLC, Katz & Associates, Inc., Keadjian Associates, LLC, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill, Arcadis, RWQCB, Remy Moose Manley, SDCWA, Senator Feinstein's Office, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Torres-Martinez Desert Cahuilla Indian Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US BLM, US BOR, US DOI, US EPA, USFWS, Yavapai-Prescott Tribe

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**ATTACHMENT C – Invitees to Sub-Committee Meetings**

**July 16, 2013 – 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, Fort Mojave Indian Tribe (FMIT), Hualapai Indian Tribe, Keadjian Associates, LLC, Metropolitan Water District (MWD), Pacific Gas & Electric Company (PG&E) and their consultants ARCADIS and CH2M Hill, US Department of Interior (DOI), US Bureau of Land Management (BLM)

**July 18, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Notified and Invited:** Arizona Department of Environmental Quality (ADEQ), California Department of Fish and Wildlife (CDFW), California Regional Water Quality Control Board (RWQCB), California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, Colorado River Board of California (CRB), CRIT, DTSC, Eggers Environmental, , FMIT, Fort Yuma-Quechan Tribe, Hargis & Associates (H&A), Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, Indian Health Services (IHS), Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County Department of Public Health (DPH), PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, San Diego County Water Authority (SDCWA), Southwest Hydro-Logic, State Water Resources Control Board (SWRCB), Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US Bureau of Reclamation (USBOR), US Environmental Protection Agency (USEPA), US Department of the Interior (DOI), US FWS, Yavapai Prescott Tribe

**September 17, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA , Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe

**September 17, 2013 – Clearinghouse Task Force, Face-to-Face Meeting**

**Notified and Invited:** CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental, FMIT, Hualapai Indian Tribe, Keadjian Associates, LLC, MWD, PG&E and their consultants ARCADIS and CH2M Hill, US DOI, US BLM



**September 18, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe

**October 15, 2013 – Clearinghouse Task Force, Face-to-Face Meeting**

**Notified and Invited:** CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental, FMIT, Hualapai Indian Tribe, Keadjian Associates, LLC, MWD, PG&E and their consultants ARCADIS and CH2M Hill, US DOI, US BLM

**October 16, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe

**October 17, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe

**November 19, 2013 – Clearinghouse Task Force, Face-to-Face Meeting**

**Notified and Invited:** CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental, FMIT, Hualapai Indian Tribe, Keadjian Associates, LLC, MWD, PG&E and their consultants ARCADIS and CH2M Hill, US DOI, US BLM

**December 17, 2013 – Clearinghouse Task Force, Face-to-Face Meeting**

**Notified and Invited:** CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental, FMIT, Hualapai Indian Tribe, Keadjian Associates, LLC, MWD, PG&E and their consultants ARCADIS and CH2M Hill, US DOI, US BLM

**December 17, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe

**December 18, 2013 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe

**January 23, 2014 – Geo/Hydro Technical Work Group Phone Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe

**February 11, 2014 – Geo/Hydro Technical Work Group Face-to-Face Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe

**February 13, 2014 – Clearinghouse Task Force, Face-to-Face Meeting**

**Notified and Invited:** CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental, FMIT, Hualapai Indian Tribe, Keadjian Associates, LLC, MWD, PG&E and their consultants ARCADIS and CH2M Hill, US DOI, US BLM

**March 18, 2014 – Clearinghouse Task Force, Face-to-Face Meeting**

**Notified and Invited:** CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental, FMIT, Hualapai Indian Tribe, Keadjian Associates, LLC, MWD, PG&E and their consultants ARCADIS and CH2M Hill, US DOI, US BLM

**March 19, 2014 – Geo/Hydro Technical Workgroup Face-To-Face Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA, Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe

**April 15, 2014 – Clearinghouse Task Force Face-To-Face Meeting**

**Notified and Invited:** CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental, FMIT, Hualapai Indian Tribe, Keadjian Associates, LLC, MWD, PG&E and their consultants ARCADIS and CH2M Hill, US DOI, US BLM

**April 17, 2014 – Geo/Hydro Technical Workgroup Face-To-Face Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon

Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA , Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe

**May 20, 2014 – Clearinghouse Task Force Face-to-Face Meeting**

**Notified and Invited:** CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental, FMIT, Hualapai Indian Tribe, Keadjian Associates, LLC, MWD, PG&E and their consultants ARCADIS and CH2M Hill, US DOI, US BLM

**June 17, 2014 – Clearinghouse Task Force Face-to-Face Meeting**

**Notified and Invited:** CIT, Cocopah Indian Tribe, CRIT, DTSC, Eggers Environmental, FMIT, Hualapai Indian Tribe, Keadjian Associates, LLC, MWD, PG&E and their consultants ARCADIS and CH2M Hill, US DOI, US BLM

**June 18, 2014 – Geo/Hydro Technical Work Group Face-to-Face Meeting**

**Notified and Invited:** ADEQ, CDFW, RWQCB, California State University Northridge, CIT, Coachella Valley Water District, Cocopah Indian Tribe, CRB, CRIT, DTSC, Eggers Environmental, FMIT, Fort Yuma-Quechan Tribe, H&A, Havasupai Indian Tribe, HDR Engineering, Inc., Herndon Solutions Group, Hualapai Indian Tribe, IHS, Integrated Hydro Systems, LLC, Law Office of Courtney Ann Coyle, Law Office of J. Drew Page, MWD, Mohave County DPH, PG&E and their consultants CH2M Hill and Arcadis, Quechan Indian Tribe, Rosenblum Environmental, SDCWA , Southwest Hydro-Logic, SWRCB, Summit Technical Resources, Inc., The McDonald Law Firm, LC, Torres-Martinez Tribe, Twenty-Nine Palms Indian Tribe, US Bureau of Indian Affairs, US DOI, US BLM, US BOR, US EPA, US DOI, US FWS, Yavapai Prescott Tribe