

SITE DESIGNATION - STATUS REPORT

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

Date: July 12, 2012	Lead Agency: Department of Toxic Substances Control, Geological Services Branch
Site Name/Address: PG&E Topock Compressor Station	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):

In FY 11/12, 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 11/12, face-to-face CWG meetings were held on October 19, 2011, January 18, 2012, and April 18, 2012. The Geo/Hydro Technical Subcommittee (TWG) of the CWG also meets periodically. During FY 11/12, face-to-face TWG meetings were held on September 1-2, 2011, September 15, 2011, October 18, 2011, December 15, 2011, January 19, 2012, April 19, 2012, and May 16, 2012. The Clearinghouse Task Force (CTF) met on August 11, 2011, October 18, 2011, November 15, 2011, January 17, 2012, February 28, 2012, April 17, 2012, May 15, 2012, and June 19, 2012.

A list of attendees of face-to-face meetings held during FY 11/12 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), Yavapai-Prescott Tribe, and Hualapai Indian Tribe. Each meeting agenda and minutes from previous consultative meetings were provided to all participants.

2. Recent Public Comment/Participation:

Information Repositories and Topock Website

DTSC updated the DTSC Topock Project Website as needed. The Second and Third Quarter FY 11/12 Information Repository CDs were mailed out on March 6, 2012 and June 13, 2012, respectively. The annual information repository visit and check was conducted on October 10-12, 2011.

Community Outreach

Work continued on the Draft Community Survey and Fact Sheet in preparation for the Community Outreach Plan during the first and second quarters of FY 11/12. A Topock fact sheet was published in January 2012 to update the surrounding communities on the project activities and send out the Community Survey. The Community Survey was conducted from January 31, 2012 through March 1, 2012. The Community Survey results memo was prepared in June 2012. The results memo will be included as an appendix to the Community Outreach Plan, which is currently under preparation.

DTSC and the Department of Interior hosted a Community Meeting and Open house at Golden Shores in Topock, Arizona on December 12, 2011. This was an opportunity to update the community on the PG&E site.

Newsletters were published in October 2011, January 2012, and April 2012 to update the CWG/TWG on project activities. A newsletter has been prepared for planned publication in July 2012.

Tribal Outreach

At the request of the Cocopah Tribal Council, DTSC provided an overview of the PG&E Topock project including selection and implementation of the remedy selection for groundwater and the upcoming soils investigation on August 3, 2011. DTSC met with the Hualapai Indian Tribe on September 9-10, 2011 in Peach Springs, Arizona. On September 6, 2011, DTSC held a Soils Work Plan meeting with the FMIT and one Hualapai representative. DTSC also met with the Fort Mojave Indian Tribe on April 5, 2012. A sub-group meeting on Tribal Land Use Risk Assessment was held on April 4, 2012 and was attended by the FMIT, Chemehuevi, and Hualapai Indian Tribes.

Topock Site Mailing List Update

The Topock mailing list was updated in July 2011, November 2011, February 2012, March 2012, and June 2012.

PG&E is implementing an Interim Measure (IM) consisting of groundwater extraction for hydraulic control of the plume boundaries in the Colorado River floodplain and management of extracted groundwater. The groundwater extraction, treatment, and injection systems, collectively, are referred to as Interim Measure Number 3 (IM No. 3). Currently, the IM No. 3 facilities include a groundwater extraction system (four extraction wells: TW-2D, TW-3D, TW-2S, and PE-1), conveyance piping, a groundwater treatment plant, and an injection well field for the discharge of the treated groundwater (two injection wells: IW-2 and IW-3).

11. Ongoing Monitoring (specify timeframes and/or describe "Other"):

Groundwater Air Other Specify: Colorado River Sampling and Monitoring

The current Groundwater Monitoring Program includes over 100 monitoring wells. Sampling for hexavalent chromium and dissolved total chromium occurs:

- monthly in 2 wells (only during low river periods) and monthly in two extraction wells.
- quarterly in 32 wells, 4 river shoreline locations, 2 other surface monitoring locations, and 10 in-channel river locations (monthly during low river periods)
- semiannually in 67 wells,
- annually in 105 wells, and
- biennially in 118 wells

The frequencies noted above apply to the Topock groundwater and surface water monitoring program, and do not include other monitoring programs such as for the *in situ* pilot studies.

Oversight Agency Costs Reimbursed To Date: DTSC labor expenditures for July 2011 to June 2012: DTSC spent 7,610 hours with an oversight cost of \$1,330,756.

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

(Continued from Section 4)

- On December 31, 2010 the Revised Addendum to the Revised Work Plan for East Ravine Groundwater Investigation was submitted. DTSC approved the Revised Addendum on February 24, 2011. During FY 11/12, work continued in the East Ravine and Topock Compressor Station areas. To date, wells have been installed at nineteen locations and are being sampled monthly. After the investigation is completed, results will be presented in the Basis of Design Report/ 60% Design Submittal for the Final Groundwater Remedy.
- On January 4, 2011, DTSC directed PG&E to combine Part A and Part B into one unified Soil Work Plan. On May 6, 2011 PG&E submitted the Draft Soil RCRA Facility Investigation/Remedial Investigation (RFI/RI) Work Plan. During the 1st Quarter FY 11/12, DTSC and stakeholders submitted comments on the Soil RFI/RI Work Plan. Comment resolution meetings for the Soil RFI/RI Work Plan were held on September 22, October 27, November 9, 2011, as well as February 7, February 29, March 28, March 29, April 3, April 10, April 24, April 27, May 16, and June 15, 2012. The draft of the response to comments matrix was sent to the stakeholders on December 14, 2011. A stakeholder site walk was conducted at the Topock Compressor Station on December 15, 2011 to review selected areas where sampling is proposed.
- On May 2, 2011 PG&E submitted the Draft Corrective Measures Implementation/Remedial Design (CMI/RD) Work Plan. On June 17, 2011 DTSC provided comments on the CMI/RD Work Plan, which included comments from various stakeholders such as ADEQ, FMIT, Hualapai, and MWD. DOI provided comments on June 17, 2011. Three comment resolution meetings were held on July 6-7, August 17, and August 29, 2011. The revised CMI/RD Work Plan that incorporated the comments was submitted on September 19, 2011. The Revised CMI/RD Work Plan for SWMU 1/ AOC 1 and AOC 10, was submitted on November 2, 2011. DOI approved this work plan on November 3, 2011. DTSC has deferred approval of this work plan at this time.
- The Draft Basis of Design Report/ Preliminary (30%) Design Submittal for the Final Groundwater Remedy was submitted on November 18, 2011. To facilitate review of the preliminary (30%) design, stakeholder site visits were held on December 14, 2011 to view the Hinkley IRZ system and on December 15, 2011 to view the planned remedy components at Topock. Agencies, stakeholders and tribes have submitted comments and comment resolution was completed in May 2012. Preparation of the Basis of Design Report/ 60% Design Submittal for the Final Groundwater Remedy began thereafter.

- PG&E is implementing the EIR Mitigation Monitoring and Reporting Program requirements appropriate to the design and planning stages of the Final Groundwater Remedy, and has begun preparing and submitting quarterly compliance reports to track compliance. Quarterly EIR Mitigation Measures Compliance Reports for the Final Groundwater Remedy were submitted to DTSC on January 31, 2012, and April 30, 2012.
- In January 2011, the wells MW-58 and MW-64 (open boreholes with packers installed) were lowered and the wells were sampled per DTSC direction. Since January 2011 to present, the wells have been sampled periodically as directed.
- Implementation of the groundwater and surface water monitoring program continued during FY 11/12:
 - Quarterly groundwater monitoring events were conducted during: September 26-October 6, 2011, February 6-23, 2012, and April 9-May 17, 2012.
 - A Quarterly/Biennial groundwater monitoring event was conducted during December 5-16, 2011.
 - Quarterly surface water monitoring events were conducted during August 23-24, 2011, November 29-30, 2011, February 28-29, 2012, and May 22-23, 2012.
 - A Low River surface water monitoring event was conducted during January 10-22, 2012.
- PG&E continued post-test monitoring of the floodplain and upland *in situ* pilot tests during FY 11/12. PG&E is tentatively scheduled to submit the Annual 2012 monitoring reports for the floodplain and the upland *in situ* pilot tests in October 2012.
- A wetlands delineation survey took place in February 2012. Avian (bird) surveys for the presence of the Yuma clapper rail and California black rail began March 14, 2012, and continued into mid-May 2012. Avian surveys for the Southwestern willow flycatcher occurred May 21-25, 2012.
- A Geo-Archaeological Study occurred May 16-18, 2012.

Activities during FY 11/12 related to ongoing implementation of the Interim Measure included the following:

- Continuous operation of the Interim Measure groundwater extraction, treatment, and injection facility continued throughout FY 11/12. Periodic downtimes associated with optimization, maintenance, and repair occurred in conformance with permit conditions. The IM-3 Annual spring maintenance outage occurred April 16-20, 2012.
- PG&E completed required monitoring and reporting of treatment plant operations as required by Department of Interior Applicable, Relevant and Appropriate (ARARs) oversight. Note that until September 20, 2011, these same activities were done under the Colorado River Basin Regional Water Quality Control Board (Water Board) permit. Quarterly IM-3 Self-Monitoring Reports were submitted on July 15, 2011, October 14, 2011, January 13, 2012, and April 13, 2012.
- Performance Monitoring Program (PMP) activities in the Colorado River floodplain continued in FY 11/12. Quarterly Performance Monitoring and Site-Wide Groundwater and Surface Water Monitoring Reports were submitted to DTSC on August 15, 2011, October 14, 2011, March 15, 2012, and April 30, 2012.

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 2011 – June 2012**

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

August 11, 2011 – Clearinghouse Task Force Meeting

Attendees: Department of Toxic Substances Control (DTSC): Karen Baker, Yolanda Garza, Christina Fu (via telephone); U.S. Department of the Interior (USDOI): Pam Innis; Pacific Gas and Electric (PG&E): Dave Gilbert, Yvonne Meeks, Glen Caruso, Stephanie Isaacson, Tom Wilson; Arcadis: Lisa Kellogg, Lisa Cope; CH2M Hill: Christina Hong; Metropolitan Water District (MWD): Bart Koch; Fort Mojave Indian Tribe (FMIT): Nora McDowell Antone; Hualapai: Dawn Hubbs; Chemehuevi Indian Tribe (CIT): Doug Bonamici (via telephone)

September 1, 2011 – Technical Work Group Meeting

Attendees: DTSC: Karen Baker, Jose Marcos, Chris Guerre, Yolanda Garza, Aaron Yue (via telephone), PG&E: Yvonne Meeks, Curt Russell; CH2M Hill on behalf of PG&E: Brian Schroth, Christina Hong, Keith Sheets; Lucas Advocates on behalf of PG&E – Robert Lucas; Arcadis on Behalf of PG&E: Ben Wuerl (via telephone), Lisa Kellogg, Frank Lenzo, Scott Potter, Jeff Gillow; U.S. Environmental Protection Agency (USEPA): Mitch Kaplan (via telephone); U.S. Bureau of Land Management (BLM): Cathy Wolff-White, George Shannon; USDOI: Dennis Smith, Rick Newill, Pam Innis; US Fish & Wildlife Service (USFWS): Carrie Marr; Geopentech on behalf of MWD: Eric Fordham; Arizona Department of Environmental Quality (ADEQ): Danielle Taber (via telephone); FMIT: Michael Long, Nora McDowell-Antone, Harley Booth, Michael Sullivan, Leo Leonhart (Hargis & Assoc); CIT: Tom Pradetto, Ron Escobar; Hualapai Indian Tribe: Dawn Hubbs

September 2, 2011 – Technical Work Group Meeting

Attendees: DTSC: Jose Marcos, Karen Baker, Chris Guerre, Yolanda Garza, Aaron Yue (via telephone); PG&E: Yvonne Meeks, Curt Russell; CH2M Hill: Christina Hong, Keith Sheets, Jamie Eby (via telephone); Arcadis: Lisa Kellogg; Lucas Advocates: Bob Lucas; USEPA: Mitch Kaplan (via telephone); ADEQ: Danielle Tabert; USFWS: Jack Allen, Carrie Marr; USDOI: Dennis Smith, Rick Newill, Pam Innis; USBLM: George Shannon; CIT: Tom Pradetto; FMIT: Leo Leonhart, Michael Sullivan, Michael Long, Harley Booth; Hualapai: Dawn Hubbs

September 15, 2011 – Soil Work Plan Meeting

Attendees: DTSC: Karen Baker, Chris Guerre, Jose Marcos, Aaron Yue (via telephone); BLM: Cathy Wolff-White (via telephone); DOI: Dennis Smith (via telephone), Rick Newill, Pam Innis; FMIT: Linda Otero (via telephone), Nora McDowell-Antone, Leo Leonhart, Michael Sullivan, Harley Booth, Courtney Coyle (via telephone); Hualapai: Dawn Hubbs

October 18, 2011 – Technical Work Group Meeting:

Attendees: DTSC: Karen Baker, Chris Guerre, Aaron Yue, Yolanda Garza; PG&E: Yvonne Meeks; Arcadis: Frank Lenzo, Scott Potter, Jeff Gillow, Lisa Kellogg; CH2M Hill: Brian Schroth,

Christina Hong; USDOI: Pam Innis, Rick Newill; USBLM: Cathy Wolff-White; USBOR: Jeff Smith; FMIT: Leo Leonhart (H&A), Luke Johnson; Hualapai: Dawn Hubbs; TRC: Win Wright

October 18, 2011 – Clearinghouse Task Force Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza; PG&E: Sheryl Bilbrey, Yvonne Meeks, Glen Caruso, Stephanie Isaacson (via telephone), Tom Wilson (via telephone), CH2M Hill: Christina Hong; Arcadis: Lisa Cope, Lisa Kellogg; Hualapai: Dawn Hubbs, Win Wright; USDOI: Pam Innis; MWD: Bart Koch, Eddie Rigdon; FMIT: Leo Leonhart; Cocopah: Jill McCormick

October 19, 2011 – Consultative Work Group Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Aaron Yue, Chris Guerre, Yolanda Garza, Nancy Bothwell (via telephone), Jose Marcos (via telephone), Lori Hare (via telephone); USEPA: Mitch Kaplan (via telephone); PG&E: Sheryl Bilbrey, Glenn Caruso, Yvonne Meeks, Dave Gilbert, Juan Jayo, Curt Russell; Arcadis: Lisa Cope, Lisa Kellogg; CH2M Hill: Brian Schroth, Christina Hong, Lisa Cope; ADEQ: Danielle Taber (via telephone); USDOI: Pam Innis; USBLM: George Shannon, Cathy Wolff-White; USBOR: SWRCB: Tom Vandenberg (via telephone); Jeff Smith; MWD: Bart Koch; FMIT: Nora McDowell-Antone, Luke Johnson, Courtney Coyle (Legal Rep.), Leo Leonhart (H&A); Cocopah: Jill McCormick, Dale Phillips; CRITs: Doug Bonamici (via telephone); Hualapai: Dawn Hubbs, Win Wright

October 20, 2011 – TRC Kick-off Meeting

Attendees: PG&E: Curt Russell, Yvonne Meeks, Glenn Caruso; CH2M Hill: Brian Schroth, Christina Hong; FMIT: Nora McDowell-Antone; Leo Leonhart; CRITs: Howard Magill; Hualapai: Win Wright, Dawn Hubbs; EN3: Charlie Schlinger; HDR: Sandy Flint, Eric Rosenblum; Egger Env.: Margaret Egger; THS: Bob Trucha; Iris Env: Adrienne LaPierre

November 15, 2011 – Clearinghouse Task Force Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza; PG&E: Sheryl Bilbrey, Glenn Caruso, Stephanie Isaacson, Yvonne Meeks (via telephone); CH2M Hill: Christina Hong; Arcadis: Lisa Kellogg; DOI: Pam Innis (via telephone); MWD: Eddie Rigdon; Hualapai: Dawn Hubbs, Loretta Jackson-Kelly; FMIT: Nora McDowell-Antone, CRIT: Howard McGill (via telephone)

December 12, 2011 – Golden Shores Open House and Community Meeting

Over 100 community members attended a PG&E Topock Community Meeting that included a DTSC, DOI, Arizona joint Open House and Presentations.

December 15, 2011 - Geo/Hydro Technical Work Group Meeting

Attendees: DTSC: Karen Baker, Jose Marcos, Chris Guerre, Yolanda Garza; PG&E: Curt Russell, Melanie Day, Glen Caruso; CH2M Hill: Christina Hong, Mike Cavaliere, Keith Sheets, Jamie Eby; Arcadis: Lisa Kellogg, Mala Pattanayek; GAIA on behalf of PG&E: Susanne von Rosenberg; Iris Environmental on behalf of PG&E: Adrienne LaPierre; USDOI: Pam Innis, Kara Ali; DOI Consultant: Rick Newill; USBOR: Jeffery Smith; Chemehuevi: Tom Pradetto; FMIT: Diane

Montoya, Felton Bricker, Sr., Paul Jackson, Michael Sullivan, Nora McDowell-Antone, Leo Leonhart (H&A); Hualapai: Dawn Hubbs

January 6, 2012 – TWG Webex Meeting

Attendees: ADEQ: Danielle Taber; Cocopah: Edgard Castillo; CRB: Lindia Liu; USDOl / BOR: Kara Ali, Michael Anderson, Pam Innis, Rick Newill, Toni Sekunda, Jeffery Smith; DTSC: Karen Baker, Chris Guerre, Aaron Yue; TRC: Margaret Eggers, Eric Rosenblum, Charlie Schlinger, Win Wright; FMIT: Leo Leonhart, Steven McDonald, Nora McDowell-Antone, Michael Sullivan; MWD: Eric Fordham, Maria Lopez; PG&E: Glenn Caruso, Robert Doss, Yvonne Meeks, Curt Russell; Cox Castle: Linda Klein, Mike Zischke; Arcadis: Margaret Gentile, Jeff Gillow, Hans Johannes, Lisa Kellogg, Frank Lenzo, Jonathan Roller; CH2M Hill: Martin Barackman, Mike Cavaliere, Jay Piper, John Porcella, Christina Hong, Brian Schroth

January 17, 2012 – Clearinghouse Task Force Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza, Mona Bontty; PG&E: Sheryl Bilbrey, Glenn Caruso, Dave Gilbert, Tom Wilson, Stephanie Isaacson, Yvonne Meeks; CH2M Hill: Christina Hong; Arcadis: Lisa Kellogg, Lisa Micheletti-Cope; DOI: Pam Innis; MWD: Bart Koch, Eddie Rigdon; Hualapai: Dawn Hubbs, FMIT: Nora McDowell-Antone, Keadjian: Ed Moser, Jason Keadjian

January 18, 2012 – Consultative Work Group Face-To-Face Meeting

Attendees: DTSC: Karen Baker, Aaron Yue, Chris Guerre, Yolanda Garza, Nancy Bothwell (via telephone), Jose Marcos (via telephone), Lori Hare (via telephone); USEPA: Mitch Kaplan (via telephone); PG&E: Sheryl Bilbrey, Glenn Caruso, Yvonne Meeks, Dave Gilbert, Curt Russell, Bob Doss, Ed Moser, Melanie Day, Tom Wilson; Cox Castle: Mike Zischke; Arcadis: Frank Lenzo, Lisa Cope, Lisa Kellogg; CH2M Hill: Christina Hong; Lucas Advocates: Robert Lucas; USDOl: Pam Innis, Cathy Wolff-White; USBLM: George Shannon; USBOR: Jeff Smith; MWD: Bart Koch, Maria Lopez, Eddie Rigdon; USFWS: Linda L. Miller; DFG: Michael Horn; FMIT: Nora McDowell-Antone, Michael Sullivan, Courtney Coyle (Legal Rep.)(via telephone), Leo Leonhart (H&A); Chemehuevi: Ron Escobar; CRITs: Doug Bonamici, Ginger Scott; Hualapai: Dawn Hubbs, Bennett Jackson; Yavapai-Prescott Tribe: President Ernest Jones, Sr., Janet Jones; Technical Review Committee (TRC): Charlie Schlinger, Eric Rosenblum, Margaret Eggers, Robert Prucha, Win Wright

January 19, 2012 – Technical Work Group Meeting

Attendees: DTSC: Karen Baker, Chris Guerre, Aaron Yue; PG&E: Yvonne Meeks, Glenn Caruso, Bob Doss, Curt Russell; CH2M Hill: Brian Schroth, Christina Hong, Martin Barackman (phone), Mike Cavalier (phone); Arcadis: Frank Lenzo, Lisa Kellogg, Jeff Gillow (phone), Margie Gentile (phone), Jon Roller (phone); Lucas Advocates: Bob Lucas; Cox Castle: Mike Zischke (phone); USDOl: Pam Innis, Rick Newill (phone), Kara Ali (phone), Mike Anderson (phone); USBOR: Jeff Smith; USBLM: Cathy Wolff-White; MWD: Maria Lopez, Eric Fordham (phone); FMIT: Leo Leonhart, Nora McDowell-Antone, Steven McDonald (by phone on behalf of FMIT); CRITs:

Howard Magill (phone); Hualapai: Dawn Hubbs; TRC: Margaret Eggers, Charlie Schlinger, Bob Prucha, Eric Rosenblum, Win Wright

February 21, 2012 – Clearinghouse Task Force Meeting

Attendees: FMIT: Nora McDowell-Antone; CRIT (via phone): Doug Bonamici, Rosanna Mitchell; PG&E: Sheryl Bilbrey, Yvonne Meeks, Glen Caruso, Dave Gilbert; CH2M Hill: Christina Hong; Arcadis: Lisa Cope, Lisa Kellogg, Stephanie Isaacson, Tom Wilson; DTSC: Karen Baker, Yolanda Garza, Mona Bontty; MWD: Eddie Rigdon; DOI: Pam Innis; Keadjian: Ed Moser

March 20, 2012 – Clearinghouse Task Force Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza, Mona Bontty; PG&E: Dave Gilbert, Yvonne Meeks, Tom Wilson, Sheryl Bilbrey (phone), Glenn Caruso (phone), Stephanie Isaacson (phone); CH2M Hill: Christina Hong; MWD: Eddie Rigdon; ARCADIS: Lisa Michelletti-Cope; Keadjian: Ed Moser; DOI: Pam Innis; FMIT: Nora McDowell-Antone; Hualapai: Dawn Hubbs; CRITs: Doug Bonamici, Howard McGill (phone), Ginger Scott (phone); Chemehuevi: Steven Escobar, Tom Pradetto

April 4, 2012 – Sub-Group Meeting on Tribal Specific Land Use Risk Assessment

Attendees: DTSC: Shukla Roy-Semmen, Aaron Yue, Chris Guerre, Jose Marcos, Yolanda Garza; DOI: Pam Innis, Dennis Smith; USFWS: Carrie Marr; FMIT: Felton Bricker, Sr., Linda Otero, Nora McDowell-Antone, Delbert Holmes, Michael Sullivan, Leo Leonhart; Chemehuevi Tribe: Ron Escobar; Hualapai Tribe: Dawn Hubbs; TRC: Margaret Eggers, Eric Rosenblum

April 17, 2012 – Clearinghouse Task Force Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza, Mona Bontty; DOI: Pam Innis; BLM: Kimberly Liebhauser; PG&E: Dave Gilbert (by phone), Yvonne Meeks, Sheryl Bilbrey, Glenn Caruso, Stephanie; CH2M Hill: Christina Hong; MWD: Eddie Rigdon; ARCADIS: Lisa Kellogg, Lisa Michelletti-Cope; Keadjian: Ed Moser; FMIT: Nora McDowell-Antone; Hualapai: Dawn Hubbs, Loretta Jackson-Kelly; CRITs: Doug Bonamici (phone)

April 18, 2012 – Consultative Work Group Face-to-Face Meeting

Attendees: DTSC: Karen Baker, Aaron Yue, Chris Guerre, Yolanda Garza, Nancy Bothwell, Mona Bontty, Jose Marcos (via telephone), Lori Hare (via telephone); USEPA: Mitch Kaplan (via telephone PM); PG&E: Sheryl Bilbrey, Glenn Caruso, Yvonne Meeks, Curt Russell, Glen Riddle, Melanie Day (by phone PM); Keadjian Assoc: Ed Moser; Arcadis: Frank Lenzo, Lisa Kellogg; CH2M Hill: Christina Hong, Martin Barackman; USDO: Pam Innis, Cathy Wolff-White; Herndon Solutions Group on behalf of DOI: Christine Herndon; USBLM: George Shannon; USBOR: Jeff Smith, Mark Slaughter; MWD: Bart Koch, Maria Lopez, Eddie Rigdon; USFWS: Carrie Marr (by phone); SWRCB: Tom Vandenberg; Colorado River Board: Lindia Liu; FMIT: Courtney Coyle (Legal Rep.)(via telephone PM), Leo Leonhart (H&A); Chemehuevi: Ron Escobar, Sierra Shaw, Tito Smith; CRITs: Doug Bonamici, Howard McGill (by phone); Hualapai: Dawn Hubbs; TRC: Charlie Schlinger, Eric Rosenblum, Margaret Eggers, Robert Prucha, Win Wright

April 19, 2012 Technical Work Group Meeting

Attendees: DTSC: Karen Baker, Chris Guerre, Aaron Yue, Yolanda Garza; PG&E: Glen Riddle, Curt Russell; Glenn Caruso, Yvonne Meeks; CH2M Hill: Martin Barackman, Christina Hong; Arcadis: Frank Lenzo, Lisa Kellogg; USDO: Pam Innis; USBLM: Cathy Wolff-White; USBOR: Jeff Smith (phone); USFWS: Carrie Marr (phone); MWD: Maria Lopez, Eric Fordham (Geopentech/phone); Chemehuevi: Steven Escobar, Tom Pradetto; FMIT: Leo Leonhart; Steve McDonald (phone); CRITS: Howard Magill (phone); Hualapai: Dawn Hubbs; TRC: Bob Prucha, Margaret Eggers, Charlie Schlinger, Win Wright, Eric Rosenblum

May 15, 2012 – Clearinghouse Task Force Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza, Mona Bontty; PG&E: Sheryl Bilbrey, Glenn Caruso, Yvonne Meeks (by phone), Stephanie Isaacson (by phone); Arcadis: Lisa Micheletti-Cope, Lisa Kellogg; CH2M Hill: Christina Hong; Keadjiian: Ed Moser; MWD: Eddie Rigon; Hualapai: Dawn Hubbs; CRITs: Doug Bonamici, Howard Magill (by phone), Ginger Scott (by phone); Chemehuevi: Steven Escobar, Tom Pradetto; FMIT: Nora McDowell-Antone (by phone)

May 16, 2012 – Technical Work Group Meeting

Attendees: DTSC: Karen Baker, Aaron Yue, Chris Guerre; PG&E: Yvonne Meeks, Curt Russell, Andrea Hogan; CH2M Hill: Christina Hong, Brian Schroth; Cox Castle: Mike Zischke; Arcadis: Lisa Kellogg, Frank Lenzo; MWD: Maria Lopez; Geopentech: Eric Fordham; DOI: Mike Anderson, Rick Newill; USBOR: Jeff Smith; Chemehuevi: Steven Escobar; FMIT: Nora McDowell-Antone, Courtney Coyle, Leo Leonhart; TRC: Win Wright, Bob Prucha, Eric Rosenblum, Charles Schlinger, Margaret Eggers

June 15, 2012 – Technical Work Group Meeting (WebEx/Conference Call)

Attendees: DTSC: Karen Baker, Aaron Yue, Chris Guerre, Jose Marcos; PG&E: Yvonne Meeks; CH2M Hill: Christina Hong, Jamie Eby, Keith Sheets; Cox Castle: Mike Zischke; Arcadis: Mala Pattanayek, Winnie Curly; GAIA on behalf of PG&E: Susanne von Rosenberg; DOI: Pam Innis; Herndon on behalf of DOI: Dennis Smith; Geopentech: Eric Fordham; FMIT: Leo Leonhart, Michael Sullivan; CRIT: Doug Bonamici, Howard Magill, Wilene Fisher-Holt; Cocopah: Kendra Morton; TRC: Win Wright, Bob Prucha, Eric Rosenblum, Charles Schlinger

June 19, 2012 – Clearinghouse Task Force Meeting

Attendees: DTSC: Karen Baker, Yolanda Garza, Mona Bontty; PG&E: Glenn Caruso, Stephanie Isaacson, Yvonne Meeks (by phone); Arcadis: Lisa Micheletti-Cope, Lisa Kellogg; CH2M Hill: Christina Hong; MWD: Eddie Rigdon; Keadjiian: Ed Moser; Hualapai: Dawn Hubbs; CRITs: Ginger Scott, Wilene Fisher-Holt; FMIT: Nora McDowell-Antone; ECR: JR Bluehouse

**PG&E Topock Compressor Station
Annual Status Report July 2011 – June 2012**

**ATTACHMENT B – Consultative Work Group Members and Tribal Representatives Notified
and Invited to Consultative Work Group Meetings**

October 19, 2011 – Consultative Work Group Face-To-Face Meeting

Notified and Invited: Arizona Department of Environmental Quality (ADEQ); California Department of Fish & Game (DFG); California Regional Water Quality Control Board (CRWQCB); Chemehuevi Indian Tribe (CIT); Cocopah Indian Tribe; Colorado River Board (CRB); Colorado River Indian Tribes (CRITs); Department of Toxic Substances Control (DTSC), Fort Mojave Indian Tribe (FMIT) and their consultants Hargis & Assoc., Held-Palmer House & Law Office of Steven McDonald; Fort Yuma Quechan Indian Tribe; Hualapai Indian Tribe; Metropolitan Water District (MWD) and their consultants Geopentech; Mohave County Dept. of Public Health (DPH); Office of Historic Preservation (OHP); Pacific Gas & Electric (PG&E) and their consultants CH2M Hill, Lucas Advocates, & Law Offices of J. Drew Page; Parker Indian Health Service (IHS); San Diego County Water Authority (SDCWA); Senator Feinstein’s Office; State Water Resource Control Board (SWRCB); Twenty-Nine Palms Indian Tribe; US Bureau of Land Management (BLM); US Bureau of Reclamation (BOR); US Department of the Interior (DOI) Office of the Solicitor and their consultants Herndon Solutions Group and Summit Technical Resources, Inc.; US Environmental Protection Agency (USEPA); US Fish & Wildlife Service (USFWS)

January 18, 2012 – Consultative Work Group Face-To-Face Meeting

Notified and Invited: ADEQ; DFG; CRWQCB; CIT; Cocopah Indian Tribe; CRB, CRITs; DTSC, FMIT and their consultants Hargis & Assoc., Held-Palmer House & Law Office of Steven McDonald; Fort Yuma Quechan Indian Tribe; Hualapai Indian Tribe; MWD and their consultants Geopentech; DPH; OHP, PG&E and their consultants CH2M Hill, Lucas Advocates, & Law Offices of J. Drew Page; HIS; SDCWA, Senator Feinstein’s Office; SWRCB; Technical Review Committee (TRC): Eggers Environmental, Integrated Hydro Systems, LLC, Rosenblum Environmental, EN3 Professionals, LLC, and Southwest Hydro-Logic; Twenty-Nine Palms Indian Tribe; BLM; BOR, DOI Office of the Solicitor and their consultants Herndon Solutions Group and Summit Technical Resources, Inc.; USEPA; USFWS

April 11, 2012 – Consultative Work Group Face-To-Face Meeting

Notified and Invited: ADEQ; DFG; CRWQCB; CIT; Cocopah Indian Tribe; CRB, CRITs; DTSC, FMIT and their consultants Hargis & Assoc., Held-Palmer House & Law Office of Steven McDonald; Fort Yuma Quechan Indian Tribe; Hualapai Indian Tribe; MWD and their consultants Geopentech; DPH; OHP, PG&E and their consultants CH2M Hill, Lucas Advocates, & Law Offices of J. Drew Page; HIS; SDCWA, Senator Feinstein’s Office; SWRCB; TRC: Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Rosenblum Environmental, EN3 Professionals, LLC, and Southwest Hydro-Logic; Twenty-Nine Palms Indian Tribe; BLM; BOR, DOI Office of the Solicitor and their consultants Herndon Solutions Group and Summit Technical Resources, Inc.; USEPA; USFWS

**PG&E Topock Compressor Station
Annual Status Report July 2011 – June 2012**

**ATTACHMENT C – Technical Hydrogeologic/Geo-Hydro Work Group Members and Tribal
Representatives Notified and Invited to Technical Hydrogeological/Geo/Hydro Meetings and
Other Meetings**

August 11, 2011 – Clearinghouse Task Force Meeting

Notified and Invited: Colorado River Indian Tribes (CRITs); Department of Toxic Substances Control (DTSC); Fort Mojave Indian Tribe (FMIT); Hualapai Indian Tribe; Metropolitan Water District (MWD); Pacific Gas & Electric (PG&E)

September 1-2, 2011 - Technical Work Group Face-To-Face Meeting

Notified and Invited: Arizona Department of Environmental Quality (ADEQ); California Department of Fish and Game (DFG); California Regional Water Quality Control Board (CRWQCB); Chemehuevi Indian Tribe (CIT); Cocopah Indian Tribe; Colorado River Board of California (CRB); Colorado River Indian Tribes (CRITs); Department of Toxic Substances Control (DTSC); Fort Mojave Indian Tribe (FMIT) and their consultants Hargis & Associates (H&A), Held-Palmer House, Law Office of Steven P. McDonald, LC; Fort Yuma-Quechan Indian Tribe; Havasupai Indian Tribe; Hualapai Indian Tribe; Metropolitan Water District (MWD) and their consultants Geopentech; Mohave County Dept. of Public Health (DPH); Office of Historic Prevention (OHP); Pacific Gas & Electric (PG&E) and their consultants CH2M Hill, Lucas Advocates, & Law Offices of J. Drew Page; Parker Indian Health Service (IHS); San Diego County Water Authority (SDCWA); State Water Resource Control Board (SWRCB); Twenty-Nine Palms Indian Tribe; US Bureau of Land Management (BLM); US Bureau of Reclamation (BOR); US Department of the Interior (DOI) Office of the Solicitor and their consultants Herndon Solutions Group and Summit Technical Resources, Inc.; US Environmental Protection Agency (USEPA); US Fish & Wildlife Service (USFWS)

October 18, 2011 – Technical Work Group Face-To-Face Meeting

Notified and Invited: ADEQ; DFG; CRWQCB; CIT; Cocopah Indian Tribe; CRB; CRITs; DTSC; FMIT and their consultants H&A, Held-Palmer House, Law Office of Steven P. McDonald, LC; Fort Yuma-Quechan Indian Tribe; Havasupai Indian Tribe; Hualapai Indian Tribe; MWD and their consultants Geopentech; Mohave County DPH; OHP; PG&E and their consultants CH2M Hill, Lucas Advocates, & Law Offices of J. Drew Page; Parker IHS; SDCWA; SWRCB; Twenty-Nine Palms Indian Tribe; BLM; BOR; DOI Office of the Solicitor and their consultants Herndon Solutions Group and Summit Technical Resources, Inc.; USEPA; USFWS

October 18, 2011 – Clearinghouse Task Force Meeting

Notified and Invited: Cocopah Indian Tribe; CRITs; DOI; DTSC; FMIT; Hualapai Indian Tribe; MWD; PG&E and their consultants CH2M Hill and Arcadis

November 15, 2011 – Clearinghouse Task Force Meeting

Notified and Invited: Cocopah Indian Tribe; CRITs; DOI; DTSC; FMIT; Hualapai Indian Tribe; MWD; PG&E and their consultants CH2M Hill and Arcadis

December 15, 2011 – Geo/Hydro Technical Work Group Meeting

Notified and Invited: ADEQ; DFG; CRWQCB; CIT; Cocopah Indian Tribe; CRB; CRITs; DTSC; FMIT and their consultants H&A, Held-Palmer House, Law Office of Steven P. McDonald, LC; Fort Yuma-Quechan Indian Tribe; Havasupai Indian Tribe; Hualapai Indian Tribe; MWD and their consultants Geopentech; Mohave County DPH; OHP; PG&E and their consultants CH2M Hill, Lucas Advocates, & Law Offices of J. Drew Page; Parker IHS; SDCWA; SWRCB; Twenty-Nine Palms Indian Tribe; BLM; BOR; DOI Office of the Solicitor and their consultants Herndon Solutions Group and Summit Technical Resources, Inc.; USEPA; USFWS

January 17, 2012 – Clearinghouse Task Force Meeting

Notified and Invited: Cocopah Indian Tribe; CRITs; DOI; DTSC; FMIT; Hualapai Indian Tribe; MWD; PG&E and their consultants CH2M Hill and Arcadis

January 19, 2012 – Technical Work Group Face-To-Face Meeting

Notified and Invited: ADEQ; DFG; CRWQCB; CIT; Cocopah Indian Tribe; CRB; CRITs; DTSC; Eggers Environmental, Inc; EN3 Professionals, LLC; FMIT and their consultants H&A, Held-Palmer House, Law Office of Steven P. McDonald, LC; Fort Yuma-Quechan Indian Tribe; Havasupai Indian Tribe; Hualapai Indian Tribe; Integrated Hydro Systems, LLC; MWD and their consultants Geopentech; Mohave County DPH; OHP; PG&E and their consultants CH2M Hill, Lucas Advocates, & Law Offices of J. Drew Page; Parker IHS; Twenty-Nine Palms Indian Tribe; BLM; BOR; DOI Office of the Solicitor and their consultants Herndon Solutions Group and Summit Technical Resources, Inc.; Rosenblum Environmental; Southwest Hydro-Logic; USEPA

February 21, 2012 – Clearinghouse Task Force Meeting

Notified and Invited: Cocopah Indian Tribe; CRITs; DOI; DTSC; FMIT; Hualapai Indian Tribe; MWD; PG&E and their consultants CH2M Hill and Arcadis

March 20, 2012 – Clearinghouse Task Force Meeting

Notified and Invited: Cocopah Indian Tribe; CRITs; DOI; DTSC; FMIT; Hualapai Indian Tribe; MWD; PG&E and their consultants CH2M Hill and Arcadis

April 17, 2012 – Clearinghouse Task Force Meeting

Notified and Invited: BLM, Cocopah Indian Tribe; CRITs; DOI; DTSC; FMIT; Hualapai Indian Tribe; MWD; PG&E and their consultants CH2M Hill, Keadjian and Arcadis

April 19, 2012 – Technical Work Group Face-To-Face Meeting

Notified and Invited: ADEQ; DFG; CRWQCB; CIT; Cocopah Indian Tribe; CRB, CRITs; DTSC, FMIT and their consultants Hargis & Assoc., Held-Palmer House & Law Office of Steven McDonald; Fort Yuma Quechan Indian Tribe; Hualapai Indian Tribe; MWD and their consultants Geopentech; DPH; OHP, PG&E and their consultants CH2M Hill, Lucas Advocates, & Law Offices

of J. Drew Page; HIS; SDCWA, SWRCB; TRC: Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Rosenblum Environmental, EN3 Professionals, LLC, and Southwest Hydro-Logic; Twenty-Nine Palms Indian Tribe; BLM; BOR, DOI Office of the Solicitor and their consultants Herndon Solutions Group and Summit Technical Resources, Inc.; USEPA; USFWS

May 15, 2012 – Clearinghouse Task Force Meeting

Notified and Invited: BLM; Cocopah Indian Tribe; CRITs; DOI; DTSC; FMIT; Hualapai Indian Tribe; MWD; PG&E and their consultants CH2M Hill, Keadjian and Arcadis

May 16, 2012 – Technical Work Group Face-To-Face Meeting

Notified and Invited: ADEQ; DFG; CRWQCB; CIT; Cocopah Indian Tribe; CRB, CRITs; DTSC, FMIT and their consultants Hargis & Assoc., Held-Palmer House & Law Office of Steven McDonald; Fort Yuma Quechan Indian Tribe; Hualapai Indian Tribe; MWD and their consultants Geopentech; DPH; OHP, PG&E and their consultants CH2M Hill, Lucas Advocates, & Law Offices of J. Drew Page; HIS; SDCWA, SWRCB; TRC: Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Rosenblum Environmental, EN3 Professionals, LLC, and Southwest Hydro-Logic; Twenty-Nine Palms Indian Tribe; BLM; BOR, DOI Office of the Solicitor and their consultants Herndon Solutions Group and Summit Technical Resources, Inc.; USEPA; USFWS

June 15, 2012 – Technical Work Group Web Ex/Conference Call Meeting

Notified and Invited: ADEQ; DFG; CRWQCB; CIT; Cocopah Indian Tribe; CRB, CRITs; DTSC, FMIT and their consultants Hargis & Assoc., Held-Palmer House & Law Office of Steven McDonald; Fort Yuma Quechan Indian Tribe; Hualapai Indian Tribe; MWD and their consultants Geopentech; DPH; OHP, PG&E and their consultants CH2M Hill, Lucas Advocates, & Law Offices of J. Drew Page; HIS; SDCWA, SWRCB; TRC: Eggers Environmental, Integrated Hydro Systems, LLC, HDR Engineering, Rosenblum Environmental, EN3 Professionals, LLC, and Southwest Hydro-Logic; Twenty-Nine Palms Indian Tribe; BLM; BOR, DOI Office of the Solicitor and their consultants Herndon Solutions Group and Summit Technical Resources, Inc.; USEPA; USFWS

June, 2012 – Clearinghouse Task Force Meeting

Notified and Invited: BLM; Cocopah Indian Tribe; CRITs; DOI; DTSC; FMIT; Hualapai Indian Tribe; MWD; PG&E and their consultants CH2M Hill, Keadjian and Arcadis