



Linda S. Adams  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

Maureen F. Gorsen, Director  
5796 Corporate Avenue  
Cypress, California 90630



Arnold Schwarzenegger  
Governor

July 13, 2007

Ms. Laurie Grouard  
California Environmental Protection Agency  
Site Designation Committee  
1001 "I" Street, 25<sup>th</sup> Floor  
Sacramento, California 95814

**DESIGNATED SITE - ANNUAL STATUS REPORT, RESOLUTION NO. 03-03  
PACIFIC GAS & ELECTRIC, TOPOCK COMPRESSOR STATION, NEEDLES, CA,  
92363**

Dear Committee Members:

The Department of Toxic Substances Control (DTSC) has been designated as the Administering Agency for site investigation and remedial actions necessary to respond to the hazardous materials release at the Pacific Gas and Electric, Topock Compressor Station facility located at 15 miles E Needles on I40, Needles, CA, 92363. This designation was issued by Resolution No. 03-03, dated August 11, 2003, pursuant to the provisions of Health and Safety Code, Division 20, Chapter 6.65 "Unified Agency Review of Hazardous Materials Release Sites" (added by Assembly Bill 2061 of 1993).

Attached is the DTSC annual status report dated July 13, 2007. If you have any questions regarding this letter, please contact me at (714) 484-5439.

Sincerely,

Aaron Yue  
Project Manager  
Geology, Permitting and Corrective Action Branch

cc: PG&E Consultative Work Group via e-mail

## SITE DESIGNATION - STATUS REPORT

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

Date: July 13, 2007	Lead Agency: <b>Department of Toxic Substances Control Geology, Permitting and Corrective Action Branch</b>
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):

The Department of Toxic Substances Control (DTSC) and the Consultative Work Group (CWG) conduct face to face meetings approximately once every other month and teleconference calls as frequently as the project warrants. During this fiscal year, face to face CWG meetings were held on 8/16/06, 10/18/06, 12/13/06, 2/22/07, 4/18/07 & 6/20/07. No teleconference call of the CWG was conducted during this fiscal year. The Geo/Hydro Technical Subcommittee of the CWG also meets approximately once every other month. During this fiscal year, face to face technical subcommittee meetings were held on 9/12/06, 12/12/06, 2/21/07, and conference call meetings on 3/1/07, 3/26/07, and 6/11/07.

A list of attendees of the face to face meetings is provided as Attachment A. A list of all Consultative Workgroup Members and Tribal Representatives notified and invited to attend the Consultative Workgroup meetings is provided as Attachment B. A list of everyone notified and invited to attend the Geo/Hydro Technical Subcommittee and other meetings is provided as Attachment C.

### 2. Recent Public Comment/Participation:

Participants at the CWG/TWG meetings included members of local, state, and federal government stakeholder agencies as well as representatives from the Chemehuevi, Colorado River, Fort Mojave, Fort Yuma-Quechan, and Hualapai Indian tribes. The meeting agendas and minutes from previous consultative meetings were provided to all participants.

During the 1<sup>st</sup> quarter of FY 06/07:

- DTSC prepared a repository update list for the first quarter 2006 documents
- DTSC selected a CEQA contractor for the final remedy Environmental Impact Report
- DTSC traveled to the Colorado River Indian Tribes and provided them with a status update of the site on 9/12/06,
- DTSC traveled to the Chemehuevi Tribe and provided them with a status update of the site on 9/13/06 and follow up on 10/19/06.
- DTSC traveled to the Fort Mojave Indian Tribe and discussed site issues and activities on 8/15/06 and 9/14/06.

During the 2<sup>nd</sup> quarter of FY 06/07:

- DTSC hosted a site walk on 12/11/06 for the Fort Mojave and Hualapai tribes to identify the proposed soil sampling locations in areas surrounding the Topock Compressor Station for the soil component of the RCRA Facility Investigation
- Compact Disks (CDs) of formal correspondence for 2004 – 2005 were sent to the repositories in November
- A Fact Sheet describing the EIR process and announcing release of the Topock project Web site was mailed to stakeholders and the public on October 17, 2006. Recipients included: the Fort Mojave, Fort Yuma-Quechan, Cocopah, CRIT, Chemehuevi, Desert Cahuilla, Hualapai, Havasupai, and Yavapai-Prescott Indian tribes, the Twenty-Nine Palms Band of Mission Indians; key organizations in Needles, CA; various departments of Lake Havasu City, AZ; and residents of Topock and Golden Shores, AZ.
- The Topock Site Mailing List was updated in preparation for release of the October 2006 Fact Sheet.
- Public comment documents for renewal of the Regional Water Quality Control Board's (RWQCB) Waste Discharge Permit (WDR) under CEQA were posted (in August) on the DTSC Topock project website and were made available to the public (during September and October) prior to and following the RWQCB's September 20, 2006 public hearing.
- Updates were made to the DTSC Topock project Web site, [www.dtsc-topock.com](http://www.dtsc-topock.com), in August and December 2006.

- DTSC met with the Chemehuevi Indian Tribe on 10/19/06 and gave a presentation "PG&E Topock Investigation: Use of Chromium Isotopes".
- DTSC traveled to the Fort Mojave Indian Tribe and discussed site issues and activities on 12/4/06.

During the 3<sup>rd</sup> quarter of FY 06/07:

- The Public Participation Plan was revised and sent by email to the CWG and Tribes on February 23, 2007. Hard copies were mailed February 16, 2007 to the repositories, tribal chairs and representatives, elected officials, key community organizations, and selected CWG members such as the Bureau of Land Management (for distribution to federal agencies) and Arizona Department of Environmental Quality (ADEQ). Additional hard copies and CD versions were made available to the CWG at the February 22, 2007 CWG meeting.
- The repositories were updated with 2006 documents, including DTSC and PG&E formal correspondence. CDs with Topock project documents for Q1, Q2, and Q3 2006 documents were sent to the repositories on February 12, 2007 and uploaded to the Topock project website Document Library in February/March 2007.
- The CEQA public comment period for the Upland In Situ Pilot Study and associated activities occurred during the 3<sup>rd</sup> quarter. The public comment period began February 7 and extended until March 9, 2007. The public notice, draft negative declaration, initial study, and work plans were sent to the repositories February 6, 2007 and uploaded to the website Document Library February 7, 2007; the public notice was published in four local newspapers on February 7, 2007, and the public notice was emailed to the CWG tribal members, and to the full Topock mailing list.
- DTSC issued an information notice to interested parties of the installation of monitoring wells beneath the Colorado River. The information notice was sent to elected officials, Golden Shores and Topock, Arizona residents, tribal representatives, other key community and civic organizations, and the DTSC Mandatory Mailing List on February 8, 2007. The notice was emailed to the CWG, Tribes, and DTSC mandatory mailing list on February 9, 2007. A kick-off meeting involving interested parties and landowner agencies was held on February 14, 2007.
- The Topock Site Mailing List was updated in January 2007 and in March 2007 to reflect current elected officials, and updated contact information for CWG members, tribal representatives, the DTSC mandatory mailing and email lists, and key organizations. The updated list was used to mail out an informational work notice, updated Public Participation Plan, and a public notice of public comment period (all detailed above).
- A quarterly review of the DTSC Topock project website was conducted and updates initiated, to be completed in Q4 FY 06/07.
- In February 2007, DTSC held a communication and update meeting with the Hualapai Indian Tribe.

During the 4<sup>th</sup> quarter of FY 06/07:

- DTSC compiled a list of 4<sup>th</sup> quarter FY 06/07 repository documents and is currently reviewing the list for completion and submission of documents to the local repositories.
- The DTSC Topock project website was reviewed and updated in May 2007, including text and graphics content updates, and a thorough review of the Document Library.
- In May 2007, DTSC sent analytical results from the 6<sup>th</sup> groundwater background study event and the Phase 1 chromium isotope study to private well owners.
- DTSC traveled to the Colorado River Indian Tribes and discussed site issues and activities on 4/17/07.
- DTSC traveled to the Fort Mojave Indian Tribe and discussed site issues and activities on 5/31/07.

To facilitate keeping the Indian Tribes informed, CDs containing emails and attachments sent to the Topock Consultative Workgroup are being mailed to the primary and secondary contacts of the Chemehuevi, Cocopah, CRIT, FMIT, Fort Yuma-Quechan Indian tribes on a monthly basis. The CDs are also sent to an Archeologist for the Hualapai Indian Tribe.

### 3. Describe the Potential or Known Areas of Concern:

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

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

In addition, there are small localized areas within or around the Topock Compressor Station where chromium and hexavalent chromium has been found in shallow 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 fully characterized during the soil RCRA Facility Investigation and identified contamination will be addressed by PG&E in the Corrective Measures Study and final remedy.

4. Current Phase of Action:

In general, activities during FY 06/07 involved planning and implementation of additional field activities to complete the RCRA Facility Investigation and Corrective Measures Study, as well as ongoing operation and maintenance of the groundwater extraction, treatment and injection at the IM No. 3 facilities. Specifically, DTSC continued efforts this fiscal year to complete delineation of the downgradient extent of the groundwater plume (potentially under the Colorado River) and soil contamination in the SWMUs and AOCs inside the Compressor Station and on surrounding properties including the Havasu National Wildlife Refuge. DTSC continued the efforts to complete the evaluation of background studies of naturally occurring metals in soil and groundwater near the site.

DTSC also required PG&E to revise the Corrective Measures Study work plan and allowed PG&E during this fiscal year to implement pilot studies of in situ treatment technologies to be evaluated during the Corrective Measures Study.

5. Proposed Site Use (check the appropriate box[es]):

- Commercial/Industrial/Retail     Residential (single/Multi-family, Sale/rental product)
- Park or Open Space     Schools, Hospitals Day Care Centers or Other Non-Industrial Sensitive Uses

6. List any Technical Problems:

N/A

7. Permits Required/Issued to Date and Pending Permit Issues:

In the first quarter of FY 06/07:

- PG&E prepared and submitted the Report of Waste Discharge for renewal of the WDRs for injection of treated water associated with Interim Measures No. 3. The Colorado River Basin Regional Water Quality Control Board approved the renewal of the WDRs during the hearing held on September 20, 2006.

During the 2<sup>nd</sup> quarter of FY 06/07:

- DTSC began preparation of a CEQA Initial Study (DTSC form 1324) addressing several proposed activities at the Topock site, including: 1) Upland In-Situ Pilot Study; 2) Decommissioning of PGE-6, and; 3) Well Testing Activities (PGE-7, PGE-8, and MW-48).

Other permitting activities sought by PG&E during the 2<sup>nd</sup> quarter of FY 06/07 included:

- Modification to Waste Discharge Requirements for the floodplain in situ pilot study from the Colorado River Basin Regional Water Quality Control Board.
- Approval from the Havasu National Wildlife Refuge for installation of slant wells near the Colorado River.
- Approval from the Havasu National Wildlife Refuge for implementation of the upland in situ pilot study, decommissioning of PGE-6, and well testing at PGE-7, PGE-8, and MW-48.
- Lease from the California State Lands Commission for installation of slant wells near the Colorado River.
- Approvals from California Department of Fish and Game and California Department of Transportation for installation of slant wells near the Colorado River.

During the 3<sup>rd</sup> quarter of FY 06/07:

- DTSC completed a CEQA Initial Study (DTSC form 1324) addressing several proposed activities at the Topock site, including: 1) upland in situ pilot study; 2) decommissioning of well PGE-6, and; 3) well testing activities (wells PGE-7, PGE-8, and MW-48). The public comment period began on February 7, 2007. DTSC filed the negative declaration on March 20, 2007.

Other permitting activities during the 3<sup>rd</sup> quarter of FY 06/07 included:

- Amendment of Waste Discharge Requirements for the floodplain in situ pilot study from the Colorado River Basin Regional Water Quality Control Board. This was approved by the Regional Board on March 21, 2007 (Board Order #r7-2007-0014).
- Waste Discharge Requirements for implementation of the upland in situ pilot study from the Colorado River Basin Regional Water Quality Control Board. These were approved by the Regional Board on March 21, 2007 (Board Order # R7-2007-0015).
- Approval from the Havasu National Wildlife Refuge for installation of slant wells near the Colorado River. This

approval was granted on January 30, 2007.

- Approval from the Havasu National Wildlife Refuge for implementation of the upland in situ pilot study, decommissioning of PGE-6, and well testing at PGE-7, PGE-8, and MW-48. This approval was granted on March 14, 2007.
- Lease from the California State Lands Commission for installation of slant wells near the Colorado River. The lease as adopted on December 14, 2006, and an amended lease was approved on February 5, 2007.
- PG&E and the California Department of Fish and Game amended the Streambed Alteration Agreement, effective February 7, 2007.
- California Department of Transportation issued an encroachment permit for installation of slant wells near the Colorado River on February 13, 2007.

During the 4<sup>th</sup> quarter of FY 06/07:

- PG&E sought approvals from the Havasu National Wildlife Refuge and Arizona state agencies for installation of groundwater monitoring wells on the Arizona shore of the Colorado River.
- PG&E sought approvals from the California Department of Transportation and San Bernardino County for abandonment of PGE-6 and installation of wells associated with the Upland *In Situ* Pilot Study.
- PG&E sought approval from the U.S. Bureau of Land Management for Decommissioning of the IM-2 Batch Treatment Plant.

On May 30, 2007 DTSC approved a change to the drilling method for installation of wells associated with the upland in situ pilot study.

8. Deed Restriction/Land Use Control in Place?

Yes  No

Effective Date: \_\_\_\_\_

9. Engineering Controls (check applicable controls in place):

<input type="checkbox"/>	Air Sparging	<input type="checkbox"/>	Construct Landfill Cell	<input checked="" type="checkbox"/>	Fence Site	<input type="checkbox"/>	Remove Free Product
<input type="checkbox"/>	Capped Site	<input type="checkbox"/>	Containment Barrier	<input checked="" type="checkbox"/>	In Situ Treatment	<input type="checkbox"/>	Soil Vapor Extraction
<input type="checkbox"/>	Consolidate and Cap	<input type="checkbox"/>	Dual Phase Extraction	<input type="checkbox"/>	Passive Venting	<input type="checkbox"/>	Treatment at Hookup
<input type="checkbox"/>	Passive Vent under Structure	<input type="checkbox"/>	Enhanced Biodegradation	<input type="checkbox"/>	Monitored Natural Attenuation	<input checked="" type="checkbox"/>	Pump and Treat Groundwater

Vent Soil OTHER (specify):

10. Target Cleanup Levels/Current Contamination Levels: Clean up levels have not yet been determined.

PG&E is implementing an Interim Measure (IM) to address chromium concentrations in groundwater. The IM consists 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).

DTSC has identified 19 Solid Waste Management Units (SWMUs), and Areas of Concern (AOCs) recommended for further evaluation in the Soil RFI. In addition, DTSC has identified 9 previously closed SWMUs and AOCs for additional investigation. Most of these SWMUs and AOCs are located within the fenceline of the Topock Compressor Station. Ten of the 28 SWMUs and AOCs are located outside the compressor station fenceline on PG&E and surrounding property. Constituents of concern include metals, volatile organic compounds, semi-volatile organic compounds, total petroleum hydrocarbons, and asbestos.

During FY 06/07, the RCRA Facility Investigation (RFI) for groundwater to address historic releases of wastewater from the Topock Compressor Station continues. The current concentrations of chromium in groundwater at the site range from less than 0.2 ug/L to 16,400 ug/L. DTSC anticipates soil characterization for contamination to begin in 2007 despite opposition by the Fort Mojave Indian Tribe.

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

Groundwater     Air     Other Specify: Colorado River Sampling and Monitoring

Sitewide groundwater monitoring occurs semiannually, quarterly, monthly, biweekly, and biennially, as follows:

- Ninety-four monitoring wells are sampled biennially (every 2 years).
- Eighty-six monitoring wells are sampled annually.
- Sixty-eight monitoring wells are sampled semiannually (twice a year).
- Forty-eight monitoring wells are sampled quarterly
- Nine shoreline surface water stations and nine in-channel surface water stations are sampled quarterly (as well as monthly during winter low-river stage conditions).
- Ten monitoring wells on the floodplain are sampled monthly.
- One monitoring well on the floodplain is sampled biweekly (every 2 weeks).

**Oversight Agency Costs Reimbursed to Date:**

DTSC labor expenditure for July 2006 – May 2007 (June 2007 expenditures are not yet available): DTSC spent 6,930 hours with an oversight cost of \$939,893.

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

(Continued from Section 4)

Specific activities during FY 06/07 to complete the RCRA Facility Investigation and Corrective Measures Study included the following:

- DTSC's approach for the RCRA Facility Investigation(RFI)/Remedial Investigation includes the preparation of three volumes; Volume 1 – Site Background and History, Volume 2 – Groundwater, and Volume 3 - Soil. DTSC completed review of the September 6, 2006 revision of the RFI/RI Volume 1 and sent comments to PG&E on May 9, 2007. PG&E submitted a Response to Comments Erratum Package to DTSC for final review and approval on June 29, 2007. On December 6, 2006, PG&E also provided a proposal for responding to previous comments on the groundwater portion of the RFI/RI (Volume 2) that serves to define the required content and changes necessary for the Final Volume 2 RFI. DTSC is currently reviewing this information and will provide PG&E with direction on the revision of the Volume 2 RFI.
- DTSC directed PG&E to revise the Corrective Measures Study Work Plan in a letter to PG&E dated May 15, 2007. PG&E submitted a revised Corrective Measures/Feasibility Study Work Plan to DTSC on June 29, 2007.
- Implementation of the groundwater and surface water monitoring program continued on a bi-weekly, monthly, and quarterly basis during FY 06/07. PG&E submitted quarterly GMP Monitoring reports on September 11, 2006, December 22, 2006, April 2, 2007 and May 31, 2007. An annual summary was submitted on April 2, 2007.
- PG&E completed the final sampling event for the Background Metals Concentrations in Groundwater Study during May1-3, 2006. On September 14, 2006, PG&E submitted a Technical Memorandum providing the background data set and a proposal for completion of the background study, in accordance with the DTSC requirements of October 11, 2005. On November 8, 2006, DTSC requested that PG&E complete preparation of the final report providing results of the Topock Groundwater Background Study. On January 26, 2007, PG&E submitted the Groundwater Background Study report and it is currently under DTSC review.
- During this fiscal year, DTSC continued its review of the Soil Investigation Work Plan, Part A for additional soil sampling at 10 SWMUs, AOCs, and other undesignated areas outside the Topock Compressor Station, and a proposal for collection of additional soil data to augment the existing soil background data set to define concentration of naturally occurring constituents in soil near the site. PG&E submitted the work plan on November 16, 2006. DTSC met with PG&E in subsequent months to refine their soil sampling proposal during monthly coordination meetings. DTSC issued final comments on the data quality objectives to the work plan on May 23, 2007 and released draft comments to the work plan for discussion with the Fort Mojave Indian Tribes on May 25, 2007. DTSC also provided responses to the Fort Mojave Indian Tribe comments on the work plan on June 11, 2007.
- PG&E provided analytical results from the Chromium Isotope Study to DTSC on August 11, 2006. The result of the study was inconclusive. On April 5, 2007, DTSC issued a letter requiring preparation and submittal of a Phase II Chromium Isotope Study Work Plan. The work plan was submitted by PG&E on April 6, 2007, and approved by DTSC on April 27, 2007. PG&E collected the samples from the designated wells for the Phase II Chromium Isotope Study the first week of May, 2007.
- Following completion of the construction and permitting activities, PG&E initiated the in situ pilot study on the Colorado River floodplain study in April 2006. On November 30, 2006, PG&E submitted Addendum #3 to the Floodplain In situ Pilot Study Work Plan proposing changes to the number and schedule for injection. DTSC

issued a conditional approval letter to Addendum #3 on January 12, 2007 authorizing two additional injections. On March 21, 2007, the Colorado River Basin Regional Water Quality Control Board issued an amendment to the Waste Discharge Requirements for this test to allow additional injections at the floodplain. During FY 06/07, five injection events were performed. PG&E will complete the last injection in August 2007.

- In April 2007, PG&E began construction of the upland in situ pilot study. On May 10, 2007, PG&E requested a change in the drilling methodology for installation of the in situ wells. DTSC approved the change on May 30, 2007.
- DTSC issued a conditional approval letter dated April 2, 2007 of the Work Plan for Hydraulic Testing of Bedrock Wells dated November 10, 2006 and a Work Plan addendum dated December 19, 2006. Field Activities began during the last quarter of FY 06/07. Because of the co-location of most of this testing with the proposed upland in situ pilot study, DTSC completed a CEQA initial study and adopted a negative declaration for the upland projects on March 20, 2007.
- During the 1<sup>st</sup> quarter of FY 06/07, PG&E completed annual survey reports for the desert tortoise (report completed July 2006) and the southwestern willow flycatcher (report completed August 2006).
- During the last week of June 2007, the United States Geological Survey conducted a seismic survey of the Colorado River channel to further define the depth to bedrock under the Colorado River in preparation of the installation of monitoring wells in Arizona.
- DTSC is working with PG&E to define the parameters for the human health risk assessment and the ecological risk assessment for the site. DTSC anticipates the remedial objective to be governed by the ecological receptors. PG&E has submitted a Technical Memorandum on Ecological Conceptual Site Models, Assessment Endpoints, and Receptors of Concern to DTSC on April 19, 2007. A Technical Memorandum on Ecological Exposure Parameters, Bioaccumulation Factors, and Toxicity Reference Values was also submitted to DTSC on June 19, 2007.
- On October 19, 2006 in response to a DTSC directive, PG&E submitted a Work Plan for Additional Groundwater Characterization Beneath the Colorado River by Slant Boring in California. DTSC provided conditional approval of the work plan on October 30, 2006. On December 22, 2006, DTSC requested that PG&E prepare an addendum to the work plan; PG&E submitted this addendum on December 29, 2006. DTSC issued conditional approval to the Addendum to the Work Plan on January 31, 2007. Implementation of this work plan began on February 14, 2007. PG&E completed the slant wells and submitted an installation completion report on June 29, 2007.
- PG&E submitted a 3-dimensional block diagrams of site hydrogeology, and a network of interlaced fence diagrams on July 28, 2006 in accordance with requirements of DTSC's February 3, 2006 letter. This information will be used for the final remedy selection under the Corrective Measures Study.
- DTSC completed its review of PG&E's Work Plan for Groundwater Characterization on Arizona Shoreline of the Colorado River. A comment letter was sent to PG&E on February 5, 2007. While DTSC is not the lead agency for the proposed investigation, the data from the investigation will be used in the final Groundwater RFI for the site.
- DTSC completed its review of the Well PGE-6 Decommissioning Work Plan and the Technical Memorandum: Well PGE-6 Decommissioning Evaluation. DTSC comments on these documents were documented in a letter to PG&E dated October 23, 2006. PG&E submitted a revised PGE-6 Decommissioning Work Plan to DTSC on November 10, 2006 which DTSC conditionally approved on March 28, 2007. In May 2007, PG&E completed the abandonment of Well PGE-6.

Activities during Fiscal Year 2006/2007 related to ongoing implementation of the Interim Measure included the following:

- Continuous operation of the Interim Measure groundwater extraction, treatment and injection continued. Periodic downtimes associated with optimization, maintenance and repair were completed in conformance with permit conditions.
- PG&E completed required monitoring and reporting of treatment plant operations as required by the Regional Water Quality Control Board permit. IM-3 Self Monitoring Reports were submitted monthly throughout the fiscal year.
- Compliance Monitoring Program activities in the injection well field continued in conformance with DTSC and RWQCB requirements. The Semi-Annual Groundwater Monitoring report was submitted on July 14, 2006. The Quarterly Groundwater Monitoring reports were submitted on October 13, 2006, January 15, 2007, April 13, 2007. On December 1, 2006 DTSC, RWQCB and PG&E met to discuss compliance requirements associated with monitoring results in one of the shallow wells in the injection well field.

- On January 5, 2007 DTSC provided an acceptance letter for the Performance Assessment Report for the IM-3 Injection Well Field.
- Performance Monitoring Program activities in the Colorado River floodplain continued. PG&E submitted monthly and quarterly performance monitoring reports. The annual performance monitoring report was submitted on April 6, 2007.

## 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 2006 – June 2007**

**ATTACHMENT A - Dates of Consultative Meetings and List of Attendees (Agency)**

**August 15, 2006 – Department of Toxic Substances Control (DTSC)**

**Communication & Update Meeting with Fort Mojave Indian Tribe (FMIT):**

**Attendees:** Watson Gin, Karen Baker, Nancy Long, Mona Arteaga (DTSC); Councilwoman Colleen Garcia, Linda Otero, Courtney Coyle, Sherma Hamilton, Chairwoman McDowell, Isadora Evanston (FMIT)

**August 16, 2006 – Consultative Workgroup Face-To-Face Meeting**

**Attendees:** Karen Baker, Aaron Yue, Watson Gin, Fred Zanoria, Chris Guerre, Mona Arteaga, Jeanne Matsumoto, Nancy Long, Michael Eichelberger (via telephone), Lori Hare (via telephone) – Department of Toxic Substances Control (DTSC); Tom Vandenberg (via telephone) – State Water Resource Control Board (SWRCB); Barbara Benson, Yvonne Meeks (via telephone), Bob Doss, Curt Russell, Glenn Caruso, Robert Knutson, David Gilbert – Pacific Gas and Electric (PG&E); Julie Eakins, Martin Barackman, Kasia Grisso, Christina Hong, Jim Hartley (via telephone) (CH2M Hill on behalf of PG&E); Robert Lucas (Lucas Advocates on behalf of PG&E); Jim Priest, Mary Adelzadeh – U.S. Bureau of Land Management (BLM); Jeff Smith – U.S. Bureau of Reclamation (BOR); Casey Padgett (via telephone) – U.S. Department of the Interior (DOI); John Earle, Ty J. Benally – U.S. Fish and Wildlife Service (USFWS); Ken Stollenwerk (via telephone) – U.S. Geological Survey (USGS); Jody Sparks (Toxics Assessment Group on behalf of Metropolitan Water District (MWD)); Kristie Kilgore – Arizona Department of Environmental Quality (ADEQ); Michael Tsosi – Colorado River Indian Tribes (CRIT); Nora McDowell, Linda Otero – Fort Mojave Indian Tribe (FMIT); Courtney Coyle, Sharma Hammond (legal reps. for FMIT); Leo Leonhart – Hargis & Associates (via telephone) (on behalf of FMIT); Eddie Williams – Fort Yuma-Quechan Indian Tribe

**September 12, 2006 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Attendees:** Kate Burger, Chris Guerre, Fred Zanoria, Richard Coffman (DTSC), Yvonne Meeks, Brian Schroth, Fritz Carlson (PG&E/CH2M Hill), Liann Chavez (via telephone) (RWQCB), Peter Martin, Tom Bullen, John Izbicki, Jeff Smith, Ken Stollenwerk (via telephone) (USBR/USGS), Rick Waddell (ADEQ/GeoTrans), Mitch Kaplan (via telephone) (US EPA), Phil Rosenberg, Tim Leo (via telephone) (FMIT/Hargis)

**September 12, 2006 – DTSC Communication & Update Meeting with Colorado River Indian Tribes:**

**Attendees:** Karen Baker, Mona Arteaga, Jeanne Matsumoto (DTSC), Mona Duran, Josh Goodman (CRIT)

**September 13, 2006 – DTSC Communication & Update Meeting with Chemehuevi Indian Tribe:**

**Attendees:** Watson Gin, Barbara Coler, Chris Guerre, Karen Baker, Fred Zanoria, Mona Arteaga, Jeanne Matsumoto (DTSC), Shirley Smith, David Todd, Dennis Fagundes, Bill Cox, Ron Escobar (Chemehuevi Indian tribe)

**September 14, 2006 – DTSC Communication & Update Meeting with Fort Mojave Indian Tribe:**

**Attendees:** Watson Gin, Barbara Coler, Karen Baker, Chris Guerre, Jeanne Matsumoto, Mona Arteaga (DTSC), Courtney Coyle, Steven McDonald, Nora McDowell, Linda Otero, Luke Johnson (FMIT)

**October 3, 2006 – EIR Contract Initial Meeting**

**Attendees:** Aaron Yue, Ken Tipon (DTSC), Bob Doss, Barbara Benson (Pacific Gas & Electric), Miles Imwalle (Morrison & Foerster on behalf of PG&E), Leaha Murphy, Francine Dunn, Bobbette Biddulph, Curtis Alling, Sydney Coatsworth (EDAW)

**October 18, 2006 – Consultative Workgroup Face-To-Face Meeting**

**Attendees:** Karen Baker, Aaron Yue, Barbara Coler, Chris Guerre, Ken Tipon, Loveriza Sarmiento, Mona Arteaga, Jeanne Matsumoto, Lori Hare, Greg Neal (via telephone), Michael Eichelberger (via telephone), Nancy Long (via telephone) (DTSC); Jose Cortez (via telephone) CA Regional Water Quality Control Board (CRWQCB); Tom Vandenberg (via telephone) (SWRCB); Yvonne Meeks, Barbara Benson, Bob Doss, Curt Russell, Glenn Caruso, David Gilbert, Robert Knutson (via telephone), Adrienne LaPierre (Iris Environmental for PGE) (PG&E); Julie Eakins, Kasia Grisso, Christina Hong, Martin Barackman (via telephone), Fritz Carlson (via telephone), Keith Sheets (via telephone), CH2M Hill on Behalf of PG&E; Robert Lucas (Lucas Advocates on behalf of PG&E); Jim Priest, Mary Adelzadeh (BLM); Dawn Arnold, Al Wickline (via telephone), Science Application International Corp. (SAIC on behalf of BLM); Mark Slaughter, Gerald Hickman (BOR); Casey Padgett, Joanna Day (DOI); John Earle, Ty J. Benally (USFWS); Peter Martin (via telephone)(USGS); Jody Sparks (via telephone), Toxics Assessment Group on behalf of MWD; David Todd, Chemehuevi Indian Tribe; Lisa Swick (CRIT); Nora McDowell-Antone, Luke Johnson (FMIT); Courtney Coyle (legal rep. for FMIT), Leo Leonhart (via telephone) (Hargis & Associates on behalf of FMIT); Bobbette Biddulph, Jamie Cleland, Sydney Coatsworth (via Telephone, EDAW)

**October 19, 2006 – Meeting with Chemehuevi Indian Tribe – “PG&E Topock Investigation: Use of Chromium Isotopes”**

**Attendees:** Aaron Yue, Fred Zanoria, Mona Arteaga, Jeanne Matsumoto (DTSC), Dennis Fagundes, William Cox, David Todd, Edward Tito Smith (Chemehuevi Indian tribe)

**December 4, 2006 – DTSC-Fort Mojave Meeting at Tribal Headquarters, Needles, CA**

**Attendees:** Watson Gin, Karen Baker, Nancy Long (via telephone), Aaron Yue (via telephone) (DTSC), Nora McDowell, Linda Otero (FMIT), Leo Leonhart, Phil Rosenberg (Hargis & Associates), Courtney Coyle, Steve McDonald (on behalf of FMIT)

**December 11, 2006 – Site Walk for Soil Sampling**

**Attendees:** Aaron Yue, Greg Neal, Chris Guerre, Watson Gin, Karen Baker (DTSC); Jeff Smith, Mark Slaughter (BOR); Linda Otero, Nora McDowell (FMIT); Phil Rosenberg, Leo Leonhart (Hargis & Associates on behalf of FMIT), Steven McDonald (Luce, Forward on behalf of FMIT), Glenn Caruso, Barbara Benson, Yvonne Meeks (PG&E), Susanne Von Rosenberg (GAIA on behalf of PG&E); Mary Long (BLM), Dawn Hubbs (Hualapai Indian Tribe),

**December 12, 2006 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Attendees:** Chris Guerre, Aaron Yue, Karen Baker, Rich Coffman (via telephone), Fred Zanoria (via telephone) (DTSC); Yvonne Meeks, Barbara Benson (via telephone) (PG&E); Fritz Carlson, Brian Schroth, Martin Barackman (via telephone), George Ring (via telephone), Larry Hilshire (via telephone) (CH2M Hill); Jeffery Smith (U.S. BOR); Peter Martin, Ken Stollenwerk (USGS); Jim Priest (US BLM); Tom Vandenberg (via telephone) (SWRCB); Jerry Smit, Samantha Roberts (ADEQ); Leo Leonhart, Phil Rosenberg (Hargis & Assoc. on behalf of FMIT)

**December 13, 2006 – Consultative Work Group Face-To-Face Meeting**

**Attendees:** Karen Baker, Aaron Yue, Barbara Coler, Chris Guerre, Mona Arteaga, Jeanne Matsumoto, Nancy Long (via telephone), Lori Hare (via telephone) (DTSC); Tom Vandenberg (via telephone) (SWRCB); Barbara Benson, Curt Russell, Glenn Caruso, Robert Knutson (via telephone) (PG&E); Brian Schroth, Christina Hong, Fritz Carlson, Kasia Grisso (CH2M Hill on behalf of PG&E); Robert Lucas (Lucas Advocates on behalf of PG&E); Jim Harrington (Arcadis on behalf of PG&E); Jim Priest, Mary Adelzadeh (BLM), Dawn Arnold (SAIC on behalf of BLM); Jeff Smith (BOR), Mitch Kaplan (via telephone) (USEPA); Ty J. Benally (USFWS); Peter Martin, Ken Stollenwerk (USGS), Jody Sparks (via telephone) (Toxics Assessment Group on behalf of MWD); Michael Tsosie, Lisa Swick, Josh Goodman (CRIT); Linda Otero (FMIT); Leo Leonhart, Phillip Rosenberg (Hargis & Associates on behalf of FMIT); Courtney Coyle (via telephone) (legal rep. for FMIT); Dawn Hubbs (Hualapai Indian Tribe); Mary Ettinger (Mohave County Environmental Health)

**February 21, 2007 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Attendees:** Chris Guerre, Karen Baker, Aaron Yue (DTSC); Barbara Benson, Yvonne Meeks, Bob Lucas (PG&E); Fritz Carlson, Brian Schroth, Martin Barackman, Jim Hartley (CH2M Hill on behalf of PG&E); Mitch Kaplan (USEPA); Mary Adelzadeh-Long, Jim Priest, Catherine White (USBLM); Peter Martin (USGS); Jeff Smith (USBOR); Cliff Raley – (RWQCB); Dennis Parfitt (SWRCB); Phil Rosenberg (Hargis & Associates on behalf of FMIT); Luke Johnson (FMIT); Dawn Hubbs (Hualapai Indian tribe)

**February 22, 2007 – Consultative Workgroup Face-To-Face Meeting**

**Attendees:** Watson Gin, Barbara Coler, Karen Baker, Aaron Yue, Chris Guerre, Ken Tipon, Mona Arteaga, Jeanne Matsumoto, Nancy Long (via telephone), Lori Hare (via telephone) (DTSC); Cliff Raley, Robert Perdue (via telephone) (RWQCB); Tom Vandenberg (SWRCB); Cliff Raley, Robert Perdue (via telephone) (PG&E); Fritz Carlson, Kasia Grisso, Christina Hong, Jim Hartley, Martin Barackman (via telephone) (CH2M Hill on behalf of PG&E), Robert Lucas (Lucas Advocates on behalf of PG&E); Mary Adelzadeh, Jim Priest, Cathy Wolff-White (BLM); Al Wickline (via telephone) (SAIC on behalf of BLM); Mark Slaughter (BOR); Casey Padgett (via telephone) (DOI); Mitch Kaplan (USEPA), John Earle (via telephone) (USFWS); Jody Sparks (via telephone) – Toxics Assessment Group monitoring meeting for Metropolitan Water District (MWD); Jerry Smit (ADEQ); Michael Tsosie, Lisa Swick (CRIT); Luke Johnson, Linda Otero (FMIT); Phillip Rosenberg, Leo Leonhart (via telephone) (Hargis & Associates on behalf of FMIT), Linda Lewis (via telephone) (for Courtney Coyle on behalf of FMIT); Dawn Hubbs (Hualapai Indian tribe);, Lon Maier (via telephone) (EDAW)

**February 2007 – DTSC Communication and Update Meeting with Hualapai Indian Tribe:**

**Attendees:** Chairman Charles Vaughn, Hualapai Tribal Council, Loretta Jackson, Dawn Hubbs, (Hualapai Indian Tribe); Watson Gin, Aaron Yue, Karen Baker, Mona Arteaga, Jeanne Matsumoto (DTSC)

**March 1, 2007 – Geo/Hydro Technical Workgroup Phone Conference Meeting (MW-52 Well Screen call)**

**Attendees:** Chris Guerre (DTSC); Yvonne Meeks (PG&E);, Martin Barackman, Paul Bertucci, Mike Cavaliere, Brian Schroth (CH2M Hill); Peter Martin (USGS); Philip Rosenberg (Hargis & Associates representing FMIT)

**March 26, 2007 – Geo/Hydro Technical Workgroup Phone Conference Meeting (MW-53 Well Screen call)**

**Attendees:** Chris Guerre (DTSC); Yvonne Meeks (PG&E);, Martin Barackman, Paul Bertucci, Mike Cavaliere, Brian Schroth

(CH2M Hill); Peter Martin (USGS); Leo Leonhart, Philip Rosenberg (Hargis & Associates representing FMIT)

**April 11, 2007 – DTSC, EDAW and PG&E Meeting**

**Attendees:** Ken Tipon, Guenther Moskat, Aaron Yue, Jeanne Matsumoto (via telephone) (DTSC); Sydney Coatsworth, Francine Dunn, Bobbette Biddulph, Leaha Murphy (EDAW), Robert Doss, Dave Gilbert (PG&E)

**April 17, 2007 – PG&E Topock Communication and Update Meeting with CRIT:**

**Attendees:** Karen Baker, Mona Arteaga, Jeanne Matsumoto (DTSC); Michael Tsosie, Charles Land (CRIT)

**April 18, 2007 – Consultative Workgroup Face-to-Face Meeting**

**Attendees:** Karen Baker, Aaron Yue (via telephone), Chris Guerre, Mona Arteaga, Jeanne Matsumoto, Loveriza Sarmiento, Nancy Long (via telephone), Michael Eichelberger (via telephone), Lori Hare (via telephone) (DTSC); Cliff Raley (via telephone), Abdi Haile (via telephone) (CRWQCB); Yvonne Meeks, Barbara Benson, Curt Russell, Glen Caruso, Dave Gilbert, Robert Doss (via telephone), Jim Harrington (Arcadis), Winnie Curly (Arcadis), Adrienne LaPierre (consultant to PG&E) (PG&E); Fritz Carlson, Julie Eakins, Kasia Grisso, Christina Hong, Jim Hartley, Martin Barackman (via telephone), Keith Sheets (via telephone), Susanna Von Rosenberg (via telephone) (CH2M Hill on behalf of PG&E); Robert Lucas (Lucas Advocates on behalf of PG&E); Jim Priest (BLM); Mitch Kaplan (via telephone) (USEPA); John Earle (via telephone), Ty Benally (via telephone) (USFWS); Bart Koch, Pete Sylva (via telephone) (MWD); Michael Tsosie, Lisa Swick, Gary Hansen (CRIT); Linda Otero, Leo Leonhart (Hargis & Associates), Leo Lemarky (Hargis & Associates via telephone) (FMIT); Dawn Hubbs (Hualapai Indian tribe); Rebecca Bramlett (Mojave County)

**May 31, 2007 – DTSC/Fort Mojave Tribe Meeting**

**Attendees:** Watson Gin, Karen Baker (DTSC); Chairwoman Nora McDowell, Linda Otero, Steve McDonald (Attorney at Law Rep. for FMIT), Courtney Coyle (via telephone) (Attorney at Law Rep. for FMIT); Leo Leonhart (via telephone) and Phil Rosenberg (via telephone) (Hargis & Associates)

**June 11, 2007 – Geo/Hydro Technical Workgroup Phone Conference Meeting**

**Attendees:** Chris Guerre, Alfredo Zanoria (DTSC); Yvonne Meeks, Kevin Sullivan (contract Engineer) (PG&E); Martin Barackman, Paul Bertucci, Jay Piper, Brian Schroth (CH2M Hill); Peter Martin, Ken Stollenwerk (USGS); Jeff Smith (US BOR); Sun Liang (MWD); Eric Fordham (Geopentech representing MWD); Philip Rosenberg (Hargis & Associates representing FMIT)

**June 20, 2007 – Consultative Workgroup Face-To-Face Meeting**

**Attendees:** Watson Gin, Karen Baker, Aaron Yue, Chris Guerre, Mike Eichelberger, Mona Arteaga, Jeanne Matsumoto, Loveriza Sarmiento (via telephone), Nancy Long (via telephone), Lori Hare (via telephone) (DTSC); Tom Vandenberg (SWRCB); Abbas Amirteymoori, Colorado River Board of California (CRB); Denise M Landstedt, San Diego County Water Authority (SDCWA); Mark Beuhler, Coachella Valley Water District (CVWD); Yvonne Meeks, Barbara Benson, Dave Gilbert, Robert Doss, Curt Russell, Glenn Caruso, Keith Sheets, Lisa Cope (Arcadis), Linda MacPherson (Arcadis), Winnie Curly (Arcadis)(via telephone) (PG&E); Julie Eakins, Kasia Grisso, Martin Barackman, Dennis Shelton, Liz Dodge, Jim Hartley, Linda Macpherson, Christina Hong (via telephone) (CH2M Hill); Robert Lucas (Lucas Advocates on behalf of PG&E); Cathy Wolff-White, Jim Priest, Kris Doebbler, Mary Adelzadeh, Dawn Arnold (SAIC) (US BLM); Mark Slaughter (USBOR); Casey Padgett, Melissa Derwart (US DOI); Mitch Kaplan (via telephone) (US EPA); Carrie Marr, Ty J. Benally, Lynn Wellman (USFWS); Bart Koch (MWD); Jerry Smit (via telephone) (ADEQ); Dennis Fagundes (via telephone) (Chemehuevi Indian Tribe); Michael Tsosie, Lisa Swick (CRIT); Timothy Williams, Linda Otero, Luke Johnson, Michael Sullivan (Toxicologist representing FMIT), Leo Leonhart (Hargis & Associates), Courtney Coyle (Attorney at Law Rep. for FMIT), Steven McDonald (Attorney at Law Rep. for FMIT) (FMIT)

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

**August 16, 2006 – Consultative Work Group Face-To-Face Meeting**

**Notified and Invited:** Department of Toxic Substances Control (DTSC), Department of General Services (DGS), Pacific Gas & Electric (PG&E) and their consultants CH2M Hill, Lucas Advocates, & Latham & Watkins, US Department of the Interior (USDOI), US Environmental Protection Agency (USEPA), Senator Feinstein’s Office, US Fish and Wildlife Service (USFWS), US Bureau of Reclamation (USBOR), California Department of Fish and Game (DFG), State Water Resource Control Board (SWRCB), California Region Water Quality Control Board (CRWQCB), US Bureau of Land Management (USBLM) and their consultants Science Application International Corp. (SAIC), US Geological Survey (USGS), Arizona Department of Environmental Quality (ADEQ), Metropolitan Water District (MWD) and their consultants Toxics Assessment Group and Geopentech, Chemehuevi, Cocopah, Colorado River Indian Tribe (CRIT), Fort Mojave Indian Tribe (FMIT) and their consultants Hargis & Associates, Luce, Forward & Hamilton & Held-Palmer House, Fort Yavapai-Prescott, Fort Yuma-Quechan, and Hualapai Indian Tribes, Colorado River Board (CRB), Mohave County Department of Public Health (MCDPH), Parker Indian Health Services (IHS), Office of Historic Prevention (OHP)

**October 18, 2006 – Consultative Workgroup Face-To-Face Meeting**

**Notified and Invited:** DTSC, USEPA, CRWQCB, SWRCB, OHP, PG&E and their consultants Latham & Watkins, Lucas Advocates, Arcadis, and CH2M Hill, USBOR, USBLM and their consultants SAIC, USFWS, USDOI, USGS, MWD and their consultants Geopentech and Toxics Assessment Group, U.S. Bureau of Indian Affairs, Colorado River Board (CRB), Mojave County DPH, ADEQ, DFG, Parker IHC, Chemehuevi Indian tribe, Cocopah Indian tribe, CRIT, FMIT and their consultants Hargis & Associates, Held-Palmer House, and Luce, Forward, Hamilton & Scripps LLP, Fort Yuma-Quechan tribe, Havasupai Indian tribe, Hualapai Indian tribe, and Yavapai-Prescott tribe

**December 13, 2006 – Consultative Workgroup Face-To-Face Meeting**

**Notified and Invited:** DTSC, USEPA, CRWQCB, SWRCB, OHP, PG&E and their consultants Latham & Watkins, Lucas Advocates, Arcadis, and CH2M Hill, US BOR, U.S. BLM and their consultant SAIC, USFWS, US DOI, USGS, MWD and their consultants Geopentech and Toxics Assessment Group, U.S. Bureau of Indian Affairs, CRBC, Mojave County DPH, ADEQ, California DFG, Parker IHC, Chemehuevi Indian tribe, Cocopah Indian tribe, Colorado River Indian tribes (CRIT), Fort Mojave Indian tribe (FMIT) and their consultants Hargis &



Associates, Held-Palmer House, and Luce, Forward, Hamilton & Scripps LLP, Fort Yuma-Quechan tribe, Havasupai Indian tribe, Hualapai Indian tribe, and Yavapai-Prescott tribe, EDAW (EIR Contractor), Senator Feinstein's Office

**February 22, 2007 – Consultative Workgroup Face-To-Face Meeting**

**Notified and Invited:** DTSC, USEPA, CRWQCB, SWRCB, OHP, PG&E and their consultants Latham & Watkins, Lucas Advocates, Arcadis, and CH2M Hill, US BOR, U.S. BLM and their consultant SAIC, USFWS, US DOI, USGS, MWD and their consultants Geopentech and Toxics Assessment Group, U.S. Bureau of Indian Affairs, CRBC, Mojave County DPH, ADEQ, California DFG, Parker IHC, Chemehuevi Indian tribe, Cocopah Indian tribe, Colorado River Indian tribes (CRIT), Fort Mojave Indian tribe (FMIT) and their consultants Hargis & Associates, Held-Palmer House, and Luce, Forward, Hamilton & Scripps LLP, Fort Yuma-Quechan tribe, Havasupai Indian tribe, Hualapai Indian tribe, and Yavapai-Prescott tribe, EDAW (EIR Contractor), Senator Feinstein's Office

**April 18, 2007 – Consultative Workgroup Face-To-Face Meeting**

**Notified and Invited:** DTSC, USEPA, CRWQCB, SWRCB, OHP, PG&E and their consultants Latham & Watkins, Lucas Advocates, Arcadis, and CH2M Hill, US BOR, U.S. BLM and their consultant SAIC, USFWS, US DOI, USGS, MWD and their consultants Geopentech, U.S. Bureau of Indian Affairs, CRBC, Mojave County DPH, ADEQ, California DFG, Parker IHC, Chemehuevi Indian tribe, Cocopah Indian tribe, CRIT, FMIT and their consultants Hargis & Associates, Held-Palmer House, and Luce, Forward, Hamilton & Scripps LLP, Fort Yuma-Quechan tribe, Havasupai Indian tribe, Hualapai Indian tribe, and Yavapai-Prescott tribe, EDAW (EIR Contractor), Senator Feinstein's Office

**June 20, 2007 – Consultative Workgroup Face-To-Face Meeting**

**Notified and Invited:** DTSC, USEPA, CRWQCB, SWRCB, OHP, PG&E and their consultants Latham & Watkins, Lucas Advocates, Arcadis, and CH2M Hill, US BOR, U.S. BLM and their consultant SAIC, USFWS, US DOI, USGS, MWD and their consultants Geopentech, U.S. Bureau of Indian Affairs, CRBC, Mojave County DPH, ADEQ, California DFG, Parker IHC, Chemehuevi Indian tribe, Cocopah Indian tribe, CRIT, FMIT and their consultants Hargis & Associates, Held-Palmer House, and Luce, Forward, Hamilton & Scripps LLP, Fort Yuma-Quechan tribe, Havasupai Indian tribe, Hualapai Indian tribe, and Yavapai-Prescott tribe, EDAW (EIR Contractor), Senator Feinstein's Office, San Diego County Water Authority (SDCWA), Coachella Valley Water District (CVWD)

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**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 15, 2006 – Department of Toxic Substances Control (DTSC)  
Communication and Update Meeting with Fort Mojave Indian Tribe (FMIT):  
Notified and Invited:** DTSC, FMIT

**September 12, 2006 – Geo/Hydro Technical Work Group Face-To-Face  
Meeting**

**Notified and Invited:** Department of Toxic Substances Control (DTSC), Pacific Gas & Electric (PG&E) and their consultants CH2M Hill, U.S. Geological Survey (USGS), U.S. Bureau of Land Management (USBLM) and their consultants Science Application International Corp. (SAIC); ADEQ, Mohave Co DPH, CRB, DFG, BOR, USEPA, RWQCB, MWD and their consultants Geopentech & Toxics Assessment Group; Hargis & Associates & Held-Palmer House Legal Reps. on behalf of FMIT

**DTSC held communication and update meetings with the Colorado River  
Indian Tribes (September 12, 2006), Chemehuevi Indian Tribe (September  
13, 2006), and Fort Mojave Indian Tribe (September 14, 2006).** Meeting invitations were mailed to Tribal Chairpersons from Watson Gin dated 8/29/06.

**October 3, 2006 – EIR Contract Initial Meeting**

**Notified and Invited:** DTSC, PG&E, Morrison & Foerster on behalf of PG&E, EDAW

**October 19, 2006 – Meeting with Chemehuevi Indian Tribe – “PG&E Topock  
Investigation: Use of Chromium Isotopes”**

**Notified and Invited:** DTSC, Chemehuevi Indian Tribe (Chairman made invitation to tribal members)

**December 4, 2006 – DTSC-Fort Mojave Meeting at Tribal Headquarters,  
Needles, CA**

**Notified and Invited:** DTSC, FMIT, Hargis & Associates and Held-Palmer House Legal Reps. on behalf of FMIT

**December 11, 2006 – Site Walk for Soil Sampling**

**Notified and Invited:** DTSC, PG&E, USBLM, Chemehuevi Indian Tribe, Cocopah Indian Tribe, CRIT, Fort Yuma-Quechan Indian Tribe, FMIT, Hargis & Associates and Held & Palmer House Legal Reps. on behalf of FMIT, Hualapai

Indian Tribe, Yavapai-Prescott Indian Tribe, Mohave County DPH, Indian Health Services (IHS)

**December 12, 2006 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Notified and Invited:** DTSC, PG&E and their consultants CH2M Hill, USGS, USBLM and their consultants SAIC, ADEQ, Mohave County DPH, CRB, DFG, USBOR, USEPA, RWQCB, MWD and their consultants Geopentech & Toxics Assessment Group; Hargis & Associates & Held-Palmer House (Legal Reps. on behalf of FMIT)

**February 21, 2007 – Geo/Hydro Technical Work Group Face-To-Face Meeting**

**Notified and Invited:** DTSC, PG&E and their consultants CH2M Hill, USGS, USBLM and their consultants SAIC, ADEQ, Mohave County DPH, CRB, DFG, USBOR, USEPA, RWQCB, MWD and their consultants Geopentech & Toxics Assessment Group; Hargis & Associates & Held-Palmer House Legal Reps. on behalf of FMIT

**February 2007 – DTSC Communication and Update Meeting with Hualapai Indian Tribe:**

**Notified and Invited:** DTSC and Hualapai Tribal members through Hualapai Chairman

**March 1, 2007 – Geo/Hydro Technical Workgroup Phone Conference Meeting (MW-52 Well Screen Call):**

**Notified and Invited:** DTSC, PG&E and their consultants CH2M Hill, USGS, USBLM and their consultants SAIC, ADEQ, Mohave County DPH, CRB, DFG, USBOR, USEPA, RWQCB, MWD and their consultants Geopentech & Toxics Assessment Group; Hargis & Associates & Held-Palmer House Legal Reps. on behalf of FMIT

**March 26, 2007 – Geo/Hydro Technical Workgroup Phone Conference Meeting (MW-53 Well Screen Call):**

**Notified and Invited:** DTSC, PG&E and their consultants CH2M Hill, USGS, USBLM and their consultants SAIC, ADEQ, Mohave County DPH, CRB, DFG, USBOR, USEPA, RWQCB, MWD and their consultants Geopentech & Toxics Assessment Group; Hargis & Associates & Held-Palmer House Legal Reps. on behalf of FMIT

**April 11, 2007 – DTSC, EDAW and PG&E Meeting**

**Notified and Invited:** DTSC, PG&E, EDAW

**April 17, 2007 – PG&E Topock Communication and Update Meeting with CRIT**

**Notified and Invited:** DTSC, CRIT

**May 31, 2007 – DTSC/Fort Mohave Indian Tribe Meeting**

**Notified and Invited:** DTSC, FMIT, Hargis & Associates and Held-Palmer House (Legal Reps. on behalf of FMIT)

**June 11, 2007 – Geo/Hydro Technical Work Group Phone Conference Meeting**

**Notified and Invited:** DTSC, PG&E and their consultants CH2M Hill, USGS, USBLM and their consultants SAIC, ADEQ, Mohave County DPH, CRB, DFG, USBOR, USEPA, RWQCB, MWD and their consultants Geopentech & Toxics Assessment Group; Hargis & Associates & Held-Palmer House Legal Reps. on behalf of FMIT