

TOPOCK REMEDIATION REVIEW

Second Quarter 2012 Newsletter

PG&E Preparing Intermediate Groundwater Remedy Design

Pacific Gas and Electric Company (PG&E) has begun work on the next phase of the design process for the Topock Compressor Station groundwater remedy, known as the Intermediate (60%) Design. PG&E recently completed the Response to Comments on the Preliminary (30%) Design. The purpose of the Response to Comments is to ensure that feedback from agencies, stakeholders and tribal governments regarding the 30% Design is documented and addressed as the design process moves forward.

In addition, on April 27, PG&E submitted the Freshwater Tech Memo describing the potential sources of fresh water to be used as part of the groundwater remedy; this memo and the comments received on it will be part of the 60% Design. Both the Response to Comments document and the Freshwater Tech Memo were discussed during Technical Work Group (TWG) meetings with agencies, tribal government representatives, and stakeholders, held in April and May. The current schedule calls for PG&E to submit the 60% Design documents for review and comment in August 2012.



PG&E crews install a pump near the Topock Compressor Station

Mark Your Calendar

Groundwater Design Schedule

Intermediate (60%) Design	Submit for Review/Comment August 2012
	Comments Due November 2012
	Response to Comments November to February, 2013
Pre-Final (90%) Design	Submit for Review/Comment April 2013
	Comments Due June to July, 2013
	Response to Comments July to August, 2013

Revised Soil Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI)

Work Plan	Target Fall 2012
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Recent Meetings and Events

May 9	Cultural and Historic Properties Management Plan (CHPMP) Meeting , BLM Lake Havasu Field Office
May 15	CTF Meeting , Henderson, NV
May 16	TWG Meeting: To Discuss Remaining Response to Comments , conference call
June 15	TWG Meeting: Soil RFI Work Plan Response to Comments , conference call
June 15	Displaced Soil Subgroup Meeting , conference call
June 19	CTF Meeting , Henderson, NV
June 28	Tribal/PG&E Topock Project Monthly Updates , conference call
July 11	CCHPMP Meeting , BLM Lake Havasu Field Office
July 26	Tribal/PG&E Topock Project Monthly Updates , conference call

Note: Dates subject to change

East Ravine/Compressor Station Groundwater Investigation Activities

PG&E is conducting an ongoing investigation of the East Ravine and Compressor Station, which will help to characterize conditions of this portion of the site and guide the remedy design. On May 6, 2012, PG&E met with the agencies, tribal governments, and stakeholders to discuss field data and the path forward. DOI and DTSC directed PG&E to install a deeper well at Site K (MW-72) to better characterize the vertical extent of contamination and to assess the need to modify the remedy design. The drilling and installation occurred between June 20 and 28. Additional wells may be installed for the groundwater monitoring program. The design of the monitoring program will be based on data collected from existing wells and the final remedial design. The monitoring program will be further defined in the 60% and the 90% Remedial Design documents.



To date, 16 monitoring locations have been established as part of Phase 2 of the East Ravine/Compressor Station Groundwater Investigation. The boreholes at these locations are included in the total Environmental Impact Report (EIR) count. A fieldwork summary report will be included as an appendix to the draft 60% Design submittal.

Planning for Supplemental Soil Investigation

PG&E is in the process of planning a supplemental soil investigation to define the nature and extent of contaminants within the compressor station property, and to guide potential remedy decisions in the future. On June 15, a TWG meeting with agencies, tribal government representatives, and stakeholders was held to discuss and respond to comments on the Draft Soil Work Plan. PG&E is in the process of incorporating the comments and revising the Draft Soil Work Plan. The timeline for the Soil RFI/RI is shown below. *Note schedules are subject to change.*

SUPPLEMENTAL SOIL INVESTIGATION WORK PLAN TIMELINE

Revised Work Plan
Early September 2012

Agencies Review/Approve
Late September 2012

Field Implementation
Fall 2012 / Winter 2013



Topock Project Activity Recap

- Because it is not always possible for the Department of the Interior/ Bureau of Land Management (DOI/BLM) to determine all of the effects of various activities that may occur over the course of the Topock Remediation Project, the Programmatic Agreement (PA) provides for a Cultural and Historic Properties Management Plan (CHPMP). The CHPMP is a living document that specifies how cultural and historic properties within the Area of Potential Effects (APE) are to be treated during implementation of the remedy. Through an approved CHPMP (Treatment Plan), DOI/BLM can require consideration and appropriate management of effects on cultural and historic properties throughout the project. In so doing, DOI/BLM meets the requirements of Section 106 of the National Historic Preservation Act for its Undertaking within the Topock area. Last quarter, BLM issued the Cultural and Historic Properties Management Plan (CHPMP) Topock Remediation Project. Agencies, Tribes, and stakeholders continue to meet every other month to continue the discussion of the CHPMP. The third quarter 2012 CHPMP meeting takes place on September 12, 2012, at the BLM Lake Havasu Field Offices.
- DTSC is in the process of updating the Community Outreach Plan for the Topock project. As part of the update process, DTSC circulated a community survey in January 2012 to solicit feedback about the project and DTSC's outreach efforts. In addition, DTSC completed 50 interviews (both in-person and over the phone) with community members, tribal governments, elected officials and key stakeholders to gather additional feedback. The information compiled from the surveys and interviews will help guide future outreach activities for the project. The updated Community Outreach Plan is expected to be completed in November 2012.
- Several of the mitigation measures required by the EIR are in progress:
 - The First Quarter 2012 EIR Mitigation Measures Compliance Report was completed in April 2012 and is available on the DTSC Topock project website.
 - PG&E has been conducting and will continue to conduct outreach with Tribes regarding Topock project activities (CUL-1a-8a). Monthly Tribal/ PG&E conference calls are scheduled for the fourth Thursday of each month from 10:00 AM to 12:00 PM (Pacific Standard Time). The purpose of the monthly calls is to provide up-to-date information on planned and ongoing studies, field activities, measures that are being taken to mitigate project impacts in accordance with the project EIR, and/or other project-related activities of interest to Tribes.
 - Field surveys:
 - Avian surveys for Yuma clapper rail and California black rail were performed one day per week in April and May, 2012. Avian surveys for Southwest Willow Flycatcher were performed in May and June, 2012. The field surveys are part of EIR mitigation measure BIO-2a.
 - A geoarchaeological field survey was performed June 5 - 7, 2012, to determine if a potential exists for buried historical and archaeological resources. The field survey is part of EIR mitigation measure CUL-1b/c-2.
- The CWG Displaced Soil Subgroup members held a conference call on June 15, 2012. The purpose of the meeting was to discuss stakeholder and tribal comments and resolution of the comments on the Management Protocol for Handling and Disposition of Displaced Site Material. PG&E is preparing a revised Protocol and a Response to Comments table for subsequent discussion with agencies, stakeholder and tribal government review.

TOPOCK REMEDiation REVIEW



The **Topock Remediation Review** is a quarterly technical update on the Topock Compressor Station cleanup project. It is published by the Topock Clearinghouse Task Force, a group of stakeholders comprised of state, regional, and federal agencies; tribal governments; and PG&E representatives. The **Topock Remediation Review** is dedicated to enhancing stakeholder understanding of technical and regulatory information, encouraging participation in decision making forums, and fostering timely and effective project management and decisions for the Topock Compressor Station project final remedy.

You may view past issues of the newsletter in the Document Library on the project's website (www.dtsc-topock.com). Once there navigate to the "Public Outreach" page and its "Other Outreach Documents" category.

For More Information

Visit DTSC's Topock Project Website:
www.dtsc-topock.com

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Upcoming Meetings

August 21	CTF Meeting, La Verne, CA
August 23	Tribal/PG&E Topock Project Monthly Updates, conference call
September 12	CHPMP Meeting, BLM Lake Havasu Field Office
September 18	CTF Meeting, La Verne, CA
September 27	Tribal/PG&E Topock Project Monthly Updates, conference call
October 16	CTF Meeting, Yuma, AZ
October 17	CWG, Yuma, AZ
October 18	TWG, Yuma, AZ
October 25	Tribal/PG&E Topock Project Monthly Updates, conference call

Note: Dates subject to change