



# **Aspen** *Environmental Group*

## **PROJECT MEMORANDUM**

### **LODI GAS KIRBY HILLS NATURAL GAS STORAGE FACILITY PROJECT**

**To:** Junaid Rahman, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** July 12, 2006  
**Subject:** Weekly Report #7: July 2, 2006 – July 8, 2006  
**CPUC Environmental Monitors (EM):** Jody Fessler

CPUC EM Jody Fessler was on site July 5<sup>th</sup> and July 7<sup>th</sup>.

#### **PIPELINE SEGMENT:**

##### **Summary of Activity:**

Construction activities continued this week with the installation of the 16-inch pipeline along right-of-way from the compressor station at Kirby Hills heading east and on the east side of Shiloh Road near the eucalyptus trees (see Figures 1, 2 and 3). Crews continued stringing and welding pipe sections together. Pipe was then coated, jeeped, and lowered in the trench. The right-of-way east of Olson Road is completed and restored, with the exception of the pappose spikeweed population near a seasonal drainage (see Table 2).

Cleaning of the 12-inch flow-line by pushing “pigs” through the line occurred this week at Kirby Hills. Hydro testing of the pipeline began on Thursday of this week.

A variance request was submitted for the 4-inch temporary line to be moved slightly from the original alignment (see Table 2). The target date to start injecting gas into the S-10 well site through the 4-inch temporary line is Monday, July 17<sup>th</sup>.

The staging area off Shiloh Road is being used for the staging of materials and equipment for the pipeline construction. Lodi Gas and Rockford, the construction contractor, also have work trailers staged on the site.

Water trucks were observed often watering down the right-of-way for dust control.

A Jones & Stokes Environmental Inspector (EI) was on-site to ensure compliance with mitigation measures adopted in the Mitigated Negative Declaration (MND), Storm Water Pollution Prevention Plan (SWPPP), and other permit requirements.

#### **Environmental Compliance Activities:**

The CPUC EM observed that construction activities were in compliance with mitigation measures adopted in the MND and other permit requirements.

#### **WELL SITES:**

Trenching of the right-of-way between well site S-10 and S-1 in the Kirby Hills continued this week. The temporary compressor at S-10 well site was set up in preparation to start injecting gas. Earthwork at the S-2 well site continued to widen the right-of-way (see Figure 4). An existing PG&E line will have to be relocated around the S-2 well site. This will require a variance request. There is an old drilling “dog house” that was used by drillers years ago for tool storage and possible housing that is near where the PG&E line will be rerouted (see Figure 5). The historical status of this “dog house” is still unknown. Jones & Stokes is researching the issue.

**Environmental Compliance Activities:**

The CPUC EM observed that construction activities were in compliance with mitigation measures adopted in the MND and other permit requirements.

**KIRBY HILLS COMPRESSOR STATION SITE:**

At the Kirby Hills Compressor Station, rebar preparation for the foundations occurred this week and cement pouring for the compressor blocks started on Friday. Crews also placed a clay lining in the retention basin at the Compressor Station site. Water trucks were observed regularly watering the site for dust control.

**Environmental Compliance Activities:**

The CPUC EM observed that construction activities were in compliance with mitigation measures adopted in the MND and other permit requirements.

**METERING STATION SITE:**

PG&E continued work this week at the metering station parameter on the east side. The work included tapping into their 32-inch gas line to supply gas to the Lodi Gas Kirby Hills Project and the welding of the tap line pipe.

**Environmental Compliance Activities:**

The CPUC EM observed that construction activities were in compliance with mitigation measures adopted in the MND and other permit requirements.

**NOTICES TO PROCEED (NTP):**

Table 1 presents the NTPs issued by the CPUC for the Lodi Gas Kirby Hills Project to date.

**TABLE 1**  
**NOTICES TO PROCEED**  
(Updated 7-12-06)

NTP #	Date Issued	Description
#1	5-19-06	Pipeline Portion
#2	5-31-06	Civil (grading) and piping construction of the well sites, and civil (grading) construction of the compressor station
#3	7-05-06	Compressor station and well site construction. Drilling of three new storage wells.
#4	6-20-06	Civil portion only of the natural gas receiving/metering station
#5	Under Review	Metering station foundation, structural, piping, electrical, and instrumentation construction.

**VARIANCE REQUESTS:**

Table 2 presents the Variance Requests reviewed and approved by the CPUC for the Lodi Gas Kirby Hills Project to date.

**TABLE 2**  
**VARIANCE**  
(Updated 7-12-06)

NTP #	Date Requested	Date Issued	Description
#1	6-01-06	6-05-06	Request to trench through ephemeral wetland area approximately 70 ft. west of Olson Road.
#2	5-31-06	6-08-06	Lodi gas would like permission to trench through an area with a CNPS listed plant (pappose spikeweed). CPUC approval contingent upon CDFG concurrence. 6/21 – CDFG feedback provided and forwarded to J&S.
#3	6-16-06	6-16-06	Request to trench through two ephemeral wetland areas west of Shiloh Road.
#4	6-27-06	6-28-06	Request for additional workspace on the west side of Shiloh Road for the Shiloh bore.
#5	6-28-06	6-29-06	Request for removal of two small eucalyptus trees and trenching through the root system of two larger trees.
#6	7-07-06	7-07-06	Request to use additional workspace at the corner of Shiloh Road and the Kirby Hills access road to support large vehicles and equipment being transported to the Kirby Hills site.
#7	7-07-06	Under Review	Request to relocate a PG&E distribution line around the S-2 well site. CPUC has requested historical resource information on the drilling “dog house” that is near the site.
#8	7-07-06	7-07-06	Request to move the 4-inch temporary gas line.

**ENVIRONMENTAL COMPLIANCE:**

One Project Memorandum has been issued by the CPUC EM for the project to date. On June 27<sup>th</sup>, the CPUC EM observed dump trucks dumping spoils from the Kirby Hills site on a levee road in an adjacent wetland area. This activity was not described in the project description. The CPUC EM requested to review permits for this activity. The landowner provided Lodi Gas with the 2006 Annual Application for the USACE Wetlands Maintenance, a copy of a letter from the USACE to the Suisun Resource Conservation District dated May 31, 2006, and a letter from the Suisun Resource Conservation District to the landowner dated June 5, 2006. The CPUC EM reviewed these documents and has concluded that the work activities are in compliance with the USACE approval. The Project Memorandum serves as a reminder that all permits for construction activities related to the Kirby Hills Natural Gas Storage Facility project be submitted and approved by the CPUC. Also, if changes to project activities as described in the MND occur, a Variance Request shall be submitted.

No Non-Compliance Reports (NCR) have been issued by the CPUC EM for the project to date.

**UPCOMING ITEMS:**

Lodi Gas holds a weekly conference call on Thursdays at 1:00 p.m. (PST) to review issues and upcoming events.

**AGENCY PERSONNEL CONTACTS:**

The CPUC EM has been communicating with Jenny Marr of CDFG regarding the pappose spikeweed population and bird nesting issues.

## Photographs



**Figure 1** – Pipeline right-of-way next to eucalyptus trees adjacent to Shiloh Road, July 5, 2006.



**Figure 2** – Pipeline right-of-way west of Shiloh Road, July 7, 2006.



**Figure 3** – Crews welding 16-inch pipeline coming into the Compressor Station at Kirby Hills, July 5, 2006.



**Figure 4** – Work on right-of-way to S-2 well site, July 5, 2006.



**Figure 5** – Drillers “dog house” near S-2 well site, July 7, 2006.