



# **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:** August 23, 2006  
**Subject:** Weekly Report #13: August 13, 2006 – August 19, 2006  
**CPUC Environmental Monitors (EM):** Jody Fessler

CPUC EM Jody Fessler was on site August 14<sup>th</sup> and 16<sup>th</sup>.

### **PIPELINE SEGMENT:**

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

All 16-inch pipeline work has been completed as well as the right-of-way cleanup. All of the affected landowners have signed off on the work as acceptable.

The cleanup of the staging area off Shiloh Road is complete, equipment and materials moved off the site, and the area tilled per the specifications of the landowner (see Figure 1).

#### **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:**

Work at the well sites took place Monday through Friday of this week.

Crews worked at the S-1 well site throughout the week. On Tuesday, crews moved piping material to well site S-1 for fabrication and installation. On Thursday, crews installed the piping and prepared to hydrotest (see Figure 2). On Friday, the hydrotest was completed for priority well site S-1 piping (KHHT-005).

Earthwork continued at the S-2 well site throughout the week and was completed on Friday (see Figure 3). On Friday, crews began excavation for the piping at well site S-2. Also on Friday, the hydrotest was completed for priority well site S-2 piping (KHHT-005).

On Wednesday, crews began “shading” and backfilling piping at well site S-10. On Thursday, crews continued to backfill the pipe.

Water trucks were observed regularly watering the sites and roads 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.

**KIRBY HILLS COMPRESSOR STATION SITE:**

Work at the Kirby Hills Compressor Station took place Monday through Friday of this week.

At the Kirby Hills Compressor Station, crews conducted foundation work and piping fabrication throughout the week (see Figures 4 & 5). Monday through Thursday, crews worked on the slug catcher support foundations. On Wednesday, crews poured concrete in upper sections of foundations MAJ-6100 and MAJ-6500.

Water trucks were observed regularly watering the site for dust control.

**Environmental Compliance Activities:**

On August 16<sup>th</sup>, the CPUC EM noted that the dumpster at the Compressor Station site was very full and that some trash was blowing out due to the high winds. The CPUC EM spoke with the Lodi Gas EI and he informed the contractor that the dumpster needed to be emptied or covered with a tarp.

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

**METERING STATION SITE:**

No work took place at the Metering Station site this week by PG&E or Lodi Gas. Lodi Gas is waiting for the Solano County building permit, EDM to approve PG&E Meter site piping and foundations, and NTP #5 before construction proceeds.

**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 8-23-06)

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. County permit pending.

**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 8-23-06)

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	7-18-06	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. Jones & Stokes submitted information on 7/17/06.
#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:**

Starting August 3, Lodi Gas began holding bi-monthly conference calls on Thursdays at 1:30 p.m. (PST) to review issues and upcoming events.

## Photographs



**Figure 1** – Staging Yard off Shiloh Road cleanup complete (view looking south), August 16, 2006



**Figure 2** – Crews working at well site S-1, August 16, 2006



**Figure 3** – Earthwork at well site S-2, August 14, 2006.



**Figure 4** – Pouring cement for foundations at Compressor Station, August 16, 2006



**Figure 5** – Crews welding pipe at Compressor Station, August 16, 2006