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

**To:** Junaid Rahman, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** February 15, 2007  
**Subject:** Weekly Report #37: February 4, 2007 – February 10, 2007

**CPUC ENVIRONMENTAL MONITOR (EM):** Jody Fessler

**PIPELINE SEGMENT:**

**Summary of Activity:**

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

The cleanup of the staging area off Shiloh Road is complete; equipment and materials have been moved off the site and the area tilled per the specifications of the landowner.

**WELL SITES:**

Work at the well sites occurred Monday through Friday of the subject week. On Wednesday and Thursday, crews worked on site leveling, road work, and gravel spreading at all the well sites. They also installed pipe clamps at all the well sites.

**Well Site S-1:** On Monday, electrical and instrumentation crews pressurized and commissioned the existing well at the well site.

**Well Site S-2:** On Monday, crews constructed forms for the concrete containment at the site launcher. Electrical and instrumentation crews installed flexible conduit and terminated instrument wire, mounted light poles and began light installation, and worked on instrument/valve configurations for the existing well. On Tuesday, crews poured concrete for the launcher containment foundation, poured concrete for the instrument stand, grouted the pipe supports, and mounted the rain hood over the well site distribution rack. Electrical and instrumentation crews continued working on the lights and worked on instrument tubing at the site. On Wednesday, crews removed forms for the site launcher containment foundation. Electrical and instrumentation crews completed wiring terminations for the lights and worked on commissioning the instruments. On Thursday, electrical and instrumentation crews mounted the instrument stand and worked on the instrument air tubing. On Friday, electrical and instrumentation crews commissioned the well site.

**Well Site S-10:** On Tuesday, crews poured concrete for the instrument stand. On Thursday, electrical and instrumentation crews mounted the instrument stand at the well site.

**KIRBY HILLS COMPRESSOR STATION SITE:**

Work at the Kirby Hills Compressor Station took place Monday through Saturday. No civil or mechanical activities took place on Saturday. Crews conducted the following activities:



- Monday through Friday, crews continued to sandblast and paint the piping, worked on “punch list” items, installed pipe clamps in areas where painting is complete, worked on the handrail in the compressor building, constructed and set forms for the ladder foundation at the tank farm area, removed forms for the ladder foundation, continued to grout equipment and pipe supports, completed concrete scope of work, and spread gravel in low areas around the yard.
- Tuesday through Saturday, crews conducted electrical and instrumentation work which included: mounting lights over the personnel doors outside the compressor building, pulling wire for personnel door lights, pulling wire for cameras and microphones, packing and pouring conduit seals on Hanover devices in the compressor building, adding UPS circuits and receptacles in the control room, installing pull ropes in the remaining conduit for future wiring installation, installing a twist lock receptacle and cord for the UPS batteries, and commissioning 10 instruments.

**METERING STATION SITE:**

No work was conducted by Lodi Gas at the Metering Station during the subject week.

**NOTICES TO PROCEED (NTP):**

Table 1 presents the NTPs issued by the CPUC for the Lodi Gas Kirby Hills Project to date. No additional NTPs are anticipated.

**TABLE 1**  
**NOTICES TO PROCEED**  
(Updated 02-15-07)

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	9-06-06	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. No Variance Requests were submitted during the subject week.

**TABLE 2**  
**VARIANCE REQUESTS**  
(Updated 02-15-07)

Variance #	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:**

Construction has essentially been completed with the exception of remaining punch list items. A list of the remaining punch list items was provided to Aspen Environmental Group on February 13.