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# PROJECT MEMORANDUM KIRBY HILLS NATURAL GAS STORAGE FACILITY PROJECT, PHASE 2

**To:** Junaid Rahman, CPUC

From: Vida Strong, Aspen Project Manager

**Date:** July 18, 2008

**Subject:** Weekly Report #9: July 6, 2008 – July 12, 2008

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

CPUC EM Jody Fessler was on site Thursday, July 10<sup>th</sup>.

#### **WELL SITES:**

# **Summary of Activity:**

# **Well Site 21 (WS-21)**

On Monday, Asta Construction continued work on installing jute matting for erosion control at WS-21.

# **Well Site 22 (WS-22)**

Throughout the week, Ensign Drilling continued drilling of WS22-7 at WS-22 (see Figure 1). They are drilling 24 hours a day, 7 days a week. On Thursday, Dillon and Murphy Survey crew obtained well site as-built information. On Friday, Ensign Drilling began taking down the drilling rig and preparing to move it to WS-21. On Saturday, Ensign Drilling started moving equipment from WS-22 to WS-21.

# **Well Site 23 (WS-23)**

No work activities occurred at WS-23 during the subject period.

#### **Observation Well Lambie 6 (Well L6)**

No work activities occurred at Well L6 during the subject period.

#### **Observation Well Lambie 7 (Well L7)**

No work activities occurred at Well L7 during the subject period.

#### PIPELINE:

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

Dillon and Murphy Survey crew staked the pipeline centerlines.

#### **ACCESS ROADS:**

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

No work activities occurred along the access roads during the subject period.

# **STAGING AREAS:**

# **Summary of Activity:**

On Tuesday, the LGS Environmental Inspector (EI) performed bird nesting surveys outside the compressor station fencing in the proposed temporary work space areas. After the surveys were completed, Rockford began stripping vegetation from the temporary work space area. They then began relocation surplus material to prepare for berm area expansion. This work continued throughout the week (see Figures 2 and 3).

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#### **COMPRESSOR STATION SITE:**

# **Summary of Activity:**

On Tuesday, Rockford began mobilizing construction equipment and supplies to the site. This work continued throughout the week.

# **Environmental Compliance:**

The CPUC EM observed that all work activities were in compliance with the approved Mitigated Negative Declaration and other permit requirements. The CPUC EM reviewed LGS' EI daily reports and survey reports. Environmental training of crew personnel by LGS's EI was on-going as new crew personnel came onto the site. Sensitive environmental areas were staked, flagged, and/or fenced. The wetland area near WS-23 was fenced-off and had silt fencing installed on the upslope side so potential erosion from WS-23 would not enter the wetland area. The CPUC EM observed water trucks continuously watering the work areas.

# NOTICES TO PROCEED (NTP):

To date, six Notice to Proceed (NTPs) have been issued for the Kirby Hills Natural Gas Storage Facility Phase II Project (see Table 1). Additional NTPs are anticipated for the project.

TABLE 1 Notice to Proceed Requests (Updated 7-18-08)

NTP#	Date Requested	Date Issued	Description
#1	4-11-08	4-21-08	Request authorization from the CPUC to commence with construction activities associated with three new wells (Well Sites 21, 22, and 23), a 2,700-foot-long pipeline (flow line), and access roads and staging areas for Phase II of the Kirby Hills Natural Gas Storage Facility Project.
#2	4-11-08	4-20-08	Request authorization from the CPUC to commence with reentry and conversion of Wells Lambie 6 and Lambie 7 to observation wells for Phase II of the Kirby Hills Natural Gas Storage Facility Project.
#3	5-2-08	5-6-08	Request a NTP from the CPUC for PG&E's hot tapping work at the Kirby Hills Natural Gas Storage Facility meter station, located west of Birds Landing Road in Solano County.
#4	4-29-08	5-7-08	Request authorization from the CPUC to commence with the civil, mechanical, electrical, and instrumentation work at the compressor station facility of the Kirby Hills for Phase II of the Kirby Hills Natural Gas Storage Facility Project.
#5	5-23-08	N/A	Request authorization from the CPUC for extra work space at the corner of Shiloh Road and the access road to Kirby Hills. This work space was already approved under NTP #1 and therefore NTP #5 is not necessary. Wetland areas within the work space will be totally avoided.
#6	6-9-08	6-13-08	Request to install compressor units on foundations at Compressor Station.

#### **VARIANCE REQUESTS:**

No Variance Requests have been submitted to the CPUC to date.

# **PHOTOGRAPHS**



**Figure 1** – Drilling rig drilling at WS-22-7 at well pad WS-22, July 10, 2008.



**Figure 2** – Staging area/work area on the north side of the Compressor Station, July 10, 2008.



**Figure 3** – Staging area/work area on the north side of the Compressor Station, July 10, 2008.