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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 7, 2009
Subject: Report #30: June 14, 2009 – June 27, 2009

CPUC ENVIRONMENTAL MONITOR (EM): Jody Fessler

CPUC EM Jody Fessler was on site Thursday, June 25th.

WELL SITES:

Summary of Activity:

Well Site 21 (WS-21)

No construction activity was conducted at WS-21 during the subject period. Final grading, graveling, fencing, and clean-up work remains.

Well Site 22 (WS-22)

No construction activity was conducted at WS-22 during the subject period. Final grading, graveling, fencing, and clean-up work remains. Also, the existing access road to the north of the well pad needs to be removed.

Well Site 23 (WS-23)

No construction activity was conducted at WS-23 during the subject period. Final grading, graveling, fencing, and clean-up work remains.

Observation Well Lambie 6 (Well L6)

No construction activity was conducted at Well L6 during the subject period.

Observation Well Lambie 7 (Well L7)

No construction activity was conducted at Well L7 during the subject period.

Well Site 5 (Wagenet 5 – W5) Observation Well

During the week of June 14th through 20th, drilling was completed to the necessary depth and the drill pipe removed from the hole Monday through Wednesday. Crews installed the casing on Wednesday and Halliburton crews moved in Wednesday afternoon to begin cementing the casing. A cement spill occurred early Thursday morning just off the east side of the well pad and was contained. More containment was required later in the day and the cement left to dry. No resources were damaged.

During the week of June 21st through 27th, crews cleaned up the cement spill and drilling mud that had dried on Monday. The drill rig and equipment moved off of the well pad on Tuesday. A work-over drill rig has to come on the site to do perforation work on the well.

PIPELINE:

Summary of Activity:

No construction activities were conducted along the pipeline during the subject period.



ACCESS ROADS:

Summary of Activity:

The access roads are being used by construction vehicles and equipment to access the construction sites.

STAGING AREAS:

Summary of Activity:

The disturbed temporary work area/staging area on the north side of the compressor station has revegetated well. Equipment, material, and excess soil was removed from the temporary staging area south of the compressor station.

COMPRESSOR STATION SITE:

Summary of Activity:

During the week of June 14th through 20th, electrical crews completed all punch list items, cleaned up, and demobilized equipment by Tuesday. Foundation work included grouting of equipment and supports. Mechanical work included installation of exhaust equipment, punch list items on the glycol regeneration skid and thermal oxidizer skid, painting, clean-up work, final grading, and rock spreading. Flashing work on the compressor building remains to be performed at a later date (after exhaust insulation has been completed).

During the week of June 21st through June 27th, mechanical work included painting (completed on Wednesday), pipe clamp installation (completed on Thursday), final rock spreading (completed during the week), final punch-list items, and moving out of equipment. The exhaust insulators will return to do more work in a week or two. Flashing work on the compressor building remains to be performed at a later date (after exhaust insulation has been completed).

METERING SITE:

Summary of Activity:

Electrical work and PG&E's work are complete at the Metering Station. Spreading of rock gravel was completed on Wednesday, June 24th.

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' Environmental Inspector's (EI) 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. Erosion controls were in place and functioning at all work sites. The refueling tank and other small cans at the compressor station were surrounded with secondary containment. The sites were cleaned of trash on a daily basis. The access road to W5 was being kept watered to prevent dust. The SMHM wildlife exclusion fencing was in place and functional.

NOTICES TO PROCEED (NTP):

To date, eight Notices to Proceed (NTPs) have been issued for the Kirby Hills Natural Gas Storage Facility Phase II Project (see Table 1). No additional NTPs are anticipated for the project.

TABLE 1
Notice to Proceed Requests
(Updated 7-7-09)

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.
#7	12-14-08	12-17-08	Request to conduct modifications at the Metering Station, located west of Birds Landing Road in Solano County.
#8	4-7-09	4-16-09	Request authorization from the CPUC to commence with construction activities at observation well Wagenet 5 (W5).

VARIANCE REQUESTS:

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

PHOTOGRAPHS



Figure 1 – Wagenet 5 drill pad enclosed with SMHM fencing, June 25, 2009



Figure 2 – Wagenet 5 access road and drilling pad, June 25, 2009