

MONTHLY STATUS REPORT FOR JUNE 2019

On October 17, 2018, the Commission issued the Order Issuing Certificate (“Certificate Order”) issuing a certificate of public convenience and necessity to National Grid LNG LLC (“NGLNG”) in Docket No. CP16-121-000 for the Fields Point Liquefaction Project (the “Project”). *National Grid LNG LLC*, 165 FERC ¶ 61,031 (2018). Pursuant to Environmental Condition No. 8 of the Certificate Order, NGLNG provides its monthly status report for the month of June 2019.

Update on Federal Authorizations

As previously reported in the report for December 2018, all required Federal authorizations have been received.

Project Schedule – Construction Status and Work Planned

An updated overall project schedule is provided with this report as Attachment 19-3.

Work Accomplished in June:

1. Air monitoring in accordance with the approved Rhode Island Department of Environmental Management Short Term Response Action Plan is ongoing and continued throughout the month of June 2019.
2. Training in the Environmental Inspector’s (“EI”) duties continues and will be ongoing for all new personnel for the full duration of the Project on a weekly basis and/or as needed. Nine trainings were provided during the month. Attendees included National Grid employees, Kiewit employees, and site workers and supervisory personnel.
3. Continued driving 14” precast concrete piles for slope stability.
4. Completed the 16” precast concrete pile load testing.
5. Continued installing test piles and reaction piles for the micropile load tests.
6. Installed site lighting throughout the laydown yard.
7. Completed installing fence, turnstile, guard shacks, facilities, and parking lot.
8. Cleared brush from northern fence line.
9. Excavated around driven pile in order to cut off pile to specified elevation.

Work Planned for July:

1. Complete driving of the 14” precast concrete piles for slope stability;
2. Complete the test pile program for the micropiles;
3. Demobilize micropile equipment and tooling;
4. Cutoff 14” precast concrete piles to grade; and
5. Install geofabric, marafi, and stone for the load transfer platform.

Problems Encountered and/or Instances of Non-Compliance and Corrective Actions

The problems encountered, contractor nonconformance/ deficiency logs, and each instance of noncompliance observed by the EI during this reporting period are shown below along with the corrective and remedial actions taken and the effectiveness of the implemented actions.

Problems and Noncompliance				
Date	Problem/Noncompliance	Remedial Action Taken	Date of Corrective Action	Effectiveness of Corrective Action
06/05/2019	Ensure all soil is soil bins are under cover.	Consolidated stockpile and covered.	06/07/2019	Effective, stockpiled soils covered.
06/06/2019	Adjust perimeter erosion controls.	Perimeter erosion controls adjusted.	06/10/2019	Effective, restored perimeter controls.
06/13/2019	Silt sack in CB1 should be cleaned.	Sediment removed.	06/14/2019	Effective, restored drainage of storm water.
06/13/2019	Remove water from two secondary containments.	Water removed.	06/14/2019	Effective, full capacity of containment restored.
06/13/2019	Cover materials in soil stockpile.	Consolidated stockpile and covered.	06/14/2019	Effective, stockpiled soils covered.,
06/21/2019	Remove water from secondary containment.	Water removed.	06/21/2019	Effective, full capacity of containment restored.
06/25/2019	Crushed stone tracking pad at exit of work zone requires maintenance.	Tracking pad roughened.	06/25/2019	Effective, restored tracking pad.

Releases				
Date	Material and Quantity Released	Cause	Description	Corrective Action Taken
06/13/2019	0.5 gallons hydraulic oil	Loose hose connection	Hydraulic oil leaked on pile rig and on to soil	Solid surfaces on pile rig wiped with rags, impacted soils removed and placed into drum for disposal

Landowner/Resident Complaints

None during this period.

Correspondence Received From Other Agencies Concerning Noncompliance

No correspondence was received concerning instances of noncompliance from other federal, state, or local permitting agencies.

Special Inspector's Report

Construction Activities Observed during the reporting period:

- Construction of micropiles used for reaction piles and test piles for load tests.
- Installation of 14-inch precast concrete piles for slope stability.
- Excavation around 14-inch precast concrete piles in preparation for clearance for pile cut off.
- Installation of load test frame and observation of compression and tension load tests performed on 16-inch precast concrete piles.
- Removal of asphalt in slope stability area.

Discrepancies reported to Contractors:

- The water to cement ratio for mixed grout used in the reaction micropiles and test micropiles was not in accordance to the specification. The contractor will change the grout mix to meet specifications prior to construction of production piles.
- One or more 14-inch precast concrete piles were driven more than 6 inches from the proposed location due to possible obstruction causing the pile to walk while hammering. The engineer of record submitted a memorandum for a change in tolerance to 1 foot. The contractor will submit an RFI.

Uncorrected discrepancies reported to Engineer of Record:

- An approximate 2-foot long portion of concrete chipped off above the splice that connected a 60-foot bottom concrete pile and 25-foot top concrete pile while driving the pile in the slope stability area. Kiewit drove the pile to target depth. NCR #0002 was submitted and is under review by the contractor and engineer of record.
- One or more driven 14-inch driven precast concrete piles were driven out of tolerance for plumbness. NCR #0003 has been submitted and is under review by the contractor and engineer of record.

Outstanding NCRs:

See Attached Register

All work requiring special inspection was, to the best of my knowledge, in conformance with the approved plans and specifications and the applicable workmanship provisions.

Yes

No

See discrepancies list above

/s/ Kristian Theriault
Special Inspector

July 1, 2019
Date

Attachment

NON-CONFORMANCE REGISTER

NCR Ref:	Issue Date	NCR Description	Agreed NCR Corrective Action	Actual Close Out Date	Closed Out By Name	Root Cause 1	Root Cause 2	NCR Issued To (Name)
SR010-RPT-001	6/11/2019	Contract section 3.20.6 states the Contractor shall be responsible to store, protect and maintain all equipment.				Supervision	Vendor	Delbert Evans PQM
SR010-RPT-001A r1	6/11/2019	Incorrect paint applied on vessels at GCAW was not properly addressed by Kiewit with an NCR per Section 18 of the QMS r3				Documentation	Design	Delbert Evans PQM
SR010-RPT-002	6/23/2019	Section 12.0 of the Kiewit QMS requires all documents that are replaced to be stamped as voided or superseded				Documentation	Documentation	Delbert Evans PQM
SR010-RPT-003	6/23/2019	National Grid requested Kiewit to provide (2) RT film packages for audit purposes related to the GCAW Adsorber PO. These documents were not provided after several requests spanning a (6) week period				Vendor	Other	Delbert Evans PQM