

**Lonesome Creek Gas Plant – ONEOK Rockies Midstream, LLC (PSC Case No. PU-14-218)**

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Permit Compliance / Construction Inspection Review  
NDPSC Contract No.: PU-701-14-EE

Reporting Period: July 17, 2014 – April 7, 2015

Prepared By: Houston Engineering, Inc. / Josh Kadrmas, Environmental Engineer and Bart Schultz,  
Project Manager

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**General:**

Houston Engineering, Inc. (HEI) was contractually hired by the North Dakota Public Services Commission (NDPSC) to complete the construction inspection activities, as part of the Lonesome Creek Gas Plant in McKenzie County (PSC Case No. PU-14-218). The following is a summary of the work completed to date and the anticipated timeframe for the completion of the permit compliance review. One environmental compliance site visit has been completed during construction, and one additional site visit is planned. The subsequent visit is anticipated for October 2015 to observe the completed restoration/reclamation activities after final soil stabilization at the site. This field inspection report is for the first site visit which occurred on April 2, 2015.

**Summary of Activities / Items Completed to Date:**

As no specific impacts were identified in the siting permit, the focus of our site visit was on compliance with the NDPDES Construction Stormwater permit and SPCC regulations. Erosion controls and other best management practices were reviewed to assess effectiveness and compliance with applicable regulations. Site-specific safety training was completed onsite prior to conducting the inspection.

HEI met Bruce Parnell, onsite Health and Safety Manager for The Linde Group (Linde) at approximately 2:00 pm. Upon arrival on site, Bruce provided the site-specific safety training and HEI reviewed the construction SWPPP for the site. HEI and Linde staff then began a tour of the site to inspect the erosion control measures, and the existing spill prevention and response measures.

**Compliance**

Silt fence was in place along the downstream extent of the project as perimeter control. Straw bales and rock checks were spaced within the drainage ditches to slow the flow of water and prevent scour. Steep slopes were temporarily stabilized with an erosion control blanket.

Hazardous chemicals and petroleum products used onsite for construction or equipment maintenance were stored in plastic or metal secondary containment systems. Spill kits were positioned at strategic locations around the site.

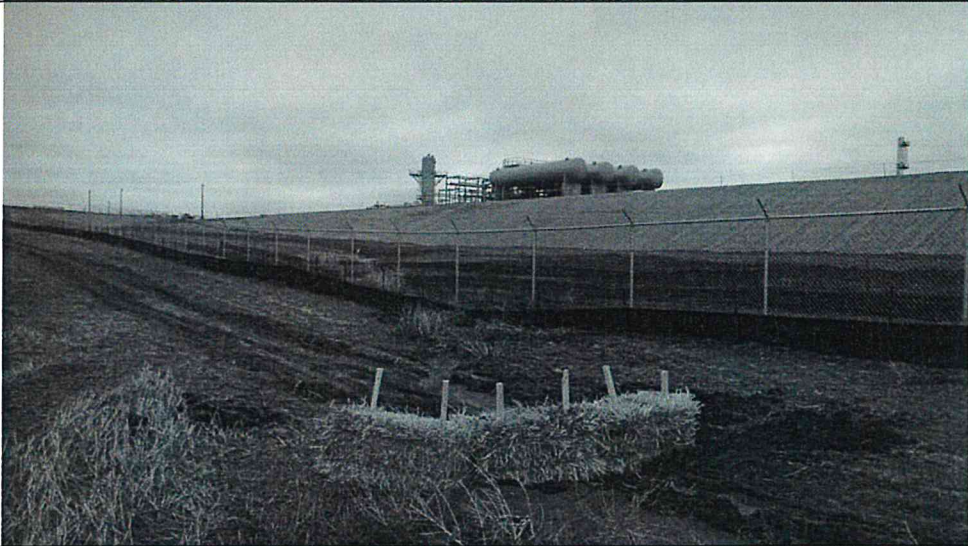
**Future Activities for the next reporting period:**

A separate contractor will conduct the final grading and site stabilization, which is scheduled for this fall. HEI will perform the final permit compliance inspection upon completion of the final grading.

# Photos



**Photo 1:**  
Downstream  
extent of project,  
showing erosion  
control  
measures.



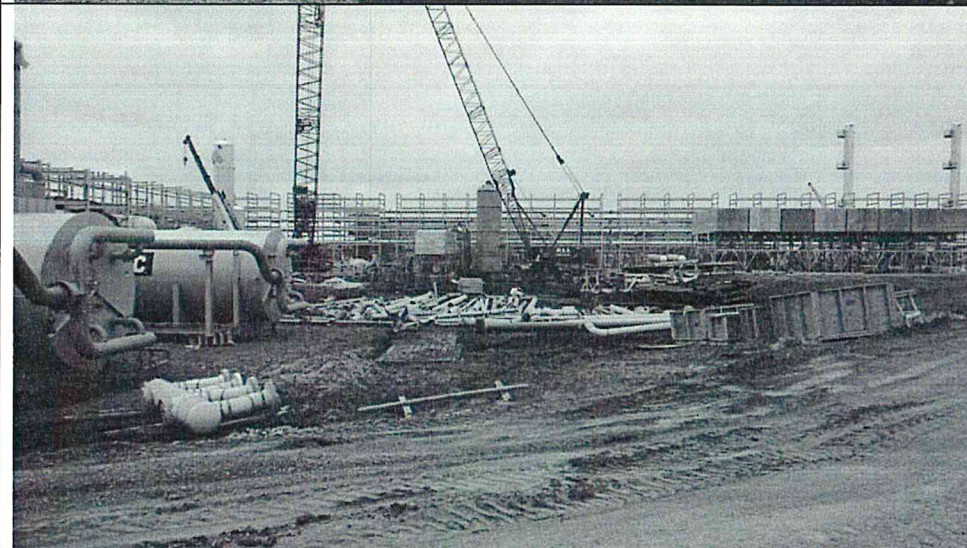
**Photo 2:**  
Looking  
upstream at silt  
fence and straw  
bales across the  
primary drainage  
from the onsite  
activities.



**Photo 3:**  
Barriers and  
secondary  
containment  
systems in place  
to prevent spills.



**Photo 4:** Rock checks in interior drainage ditch.



**Photo 5:** Interior construction area.



**Photo 6:** Stormwater pond, which will receive interior drainage, and provide spill containment onsite during operation.

# Field Data

# Lonesome Creek Gas Plant #1

H&S # 6077-008

Date 4-2-15	Day Thursday
Hours Worked	
Working Days Charged	Total Working Days to Date
Reasons for Time not Charged	

## Weather

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## Engineering Staff

Josh Kadomas

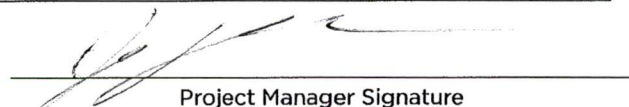
## Work in Progress

1400 Arrive @ Lonesome Creek Site
1430 Completed safety training w/ Bruce Parnell, H&S manager for The Linde Group. SWPPP is in good order. Last inspection was 3-30-15
1440 Begin site tour.
1530 Finished tour of down gradient perimeter control (silt fence + straw bales); interior drainage to pond, " containment for fuels/oils; and up stream diversion ditch. Made recommendation for additional bales or bio roll in diversion ditch. Final grading is expected to be done

## Contractor's Labor Force


## Contractor's Equipment Summary


## Project Visitors

Project Manager Signature