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**Axelson, John**

**From:** Axelson, John  
**Sent:** Wednesday, January 26, 2011 3:18 PM  
**To:** 'mfaraguna@nobleenergyinc.com'  
**Cc:** NHinojosa@nobleenergyinc.com; Baldwin, Debbie; Lindblom, Steven  
**Subject:** RE: Lorenz F22-1,2 API 05-123-15139. Remediation #5465. Excavation report and cover letter(Jan2011)

Marty,

Thank you for submittal of the Remediation Summary Report for the subject location. Based on review of the information provided, COGCC has the following comments.

- Natural attenuation of impacted soil documented above Table 910-1 standards is not an acceptable remediation alternative.
- If Noble has not already done so, immediately notify DCP Midstream of the release location and the possibility of the accumulation of volatile organic constituents in the utility corridor that could present a physical hazard to utility workers.

COGCC agrees that the extent of soil impacts has been adequately defined to the north by the pothole samples. However, the detection of a trace of benzene and TPH at 340 mg/kg in the SS08 sample does indicate there was some contaminant migration under/around the DCP line. COGCC understands the difficulty and risk of excavating around utilities, as a result, you can propose a passive remediation such as soil venting to address the residual impacts (documented in SS02 & SS05) or a more aggressive approach such as soil vapor extraction, if you do not want to remove the remaining impacted soil. These are only suggestions.

In the upcoming post-remediation groundwater monitoring report, please provide a plan to address the residual soil contamination as well as documentation that DCP was notified of the release and potential hazards.

If you have any questions, please give me a call.

Thank you,

John

John Axelson, P.G.  
Environmental Protection Specialist, Northeast Region  
Colorado Oil & Gas Conservation Commission  
Phone: 303-637-7178  
Cell: 303-877-9964  
Fax: 303-637-7179

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**From:** [mfaraguna@nobleenergyinc.com](mailto:mfaraguna@nobleenergyinc.com) [<mailto:mfaraguna@nobleenergyinc.com>]  
**Sent:** Wednesday, January 26, 2011 8:28 AM  
**To:** Axelson, John; [NHinojosa@nobleenergyinc.com](mailto:NHinojosa@nobleenergyinc.com)  
**Subject:** Lorenz F22-1,2 API 05-123-15139. Remediation #5465. Excavation report and cover letter(Jan2011)

John,  
Attached are the Excavation Report and cover letter for the Lorenz F22-1,2.

John Axelson, P.G.  
Environmental Protection Specialist

Thank you.

Marty Faraguna  
E/S Specialist  
Noble Energy  
970-785-5000

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