

STATE OF
COLORADO**REM#: 10527**
Doc#: 2227815
Date: 10/13/2017

EnviroScan - DNR, OGCC <dnr_ogcc.enviroscan@state.co.us>

Fwd: COGCC FIELD INSPECTION REPORT [Doc#689100084] POSTED NOTICE

1 message

Fischer - DNR, Alex <alex.fischer@state.co.us>

Fri, Oct 13, 2017 at 1:58 PM

To: OGCC EnviroScan - DNR <dnr_ogcc.enviroscan@state.co.us>

Please upload this email to REM 10527.

Thanks
Alex

----- Forwarded message -----

From: **Fischer - DNR, Alex** <alex.fischer@state.co.us>

Date: Fri, Oct 13, 2017 at 1:58 PM

Subject: Re: COGCC FIELD INSPECTION REPORT [Doc#689100084] POSTED NOTICE

To: Brett Middleton <BMiddleton@caerusoilandgas.onmicrosoft.com>, Jake Janicek <JJanicek@caerusoilandgas.com>

Cc: Carlos Lujan - DNR <carlos.lujan@state.co.us>, Stan Spencer - DNR <stan.spencer@state.co.us>, Greg Deranleau - DNR <greg.deranleau@state.co.us>

Brett and Jake-

Thanks. This information should have been included in the Initial F27 (Document Number 401412080) that was submitted on 9/25/2017, as you provided discussion about these samples in the F27. Please submit a Supplemental F27 including details of these sample (depth collected, map, complete analytical results, etc.). Additionally, since there is impact above 910-1 at 7 feet below ground surface (bgs) and at 15 feet bgs, the max depth of the excavator, Caerus needs to actively begin defining the vertical and horizontal extent of impact and initiate remedial activities.

Sample ID 20170913-K35 CDP POR 7' has DRO at 9,300 mg/kg and GRO at 69,000 mg/kg

Sample ID 20170913-K35 CDP (E) 15' has DRO at 1,200 mg/kg and GRO at 8,200 mg/kg

Sample ID 20170913-K35 CDP (E) 7' has DRO at 3,400 mg/kg and GRO at 8,900 mg/kg

You have suggested proposed soil boring and monitoring well locations on Document Number 401412712, but have not provided a schedule on when the soil boring and monitoring well activities will begin (at least I did not see a schedule). We are now into mid October and delineation and remediation of this impact will not be idle over the winter months.

I am available to assist and review in Carlos' absence.

Thanks
Alex

On Thu, Oct 12, 2017 at 5:14 PM, Brett Middleton <BMiddleton@caerusoilandgas.onmicrosoft.com> wrote:

Alex,

The ENPR30SP sample is from the cistern overflow from the ENPR5WW well. Historically a spring was in the valley east of the K35CDP but it has been dry for years. When I sampled the overflow "stock tank inlet" I originally thought it was the spring. See Carlos photos.

I have attached the analytical soil report for the excavated area within the pipeline ROW. 2 samples were collected at 7 feet which was below the pipeline. One was at the Point of Release "POR" and a second on the east (E) extent of the excavation. A third sample was collected from the same point as the 7 foot (E) "East" location but at 15'. I had the operator excavate to max depth with the track hoe to attempt to define vertical depth.

I will be out of the office on vacation beginning tomorrow afternoon through 10-23. Jake will be available if you have additional questions.

Regards,

Brett Middleton

Sr. Environmental Specialist

Caerus Oil and Gas

143 Diamond Ave. Parachute, CO 81635

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From: Fischer - DNR, Alex [<mailto:alex.fischer@state.co.us>]

Sent: Wednesday, October 11, 2017 7:15 AM

To: Brett Middleton <BMiddleton@caerusoilandgas.onmicrosoft.com>; Jake Janicek <JJanicek@caerusoilandgas.com>

Cc: Carlos Lujan - DNR <carlos.lujan@state.co.us>

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Brett,

It is indicated that soil samples were collected and exceeded table 910-1 for organics and in-organics compounds. I could only find results of water samples. Please provide the analytical for the soil samples. You indicate that the sample, 20170913-ENPR-5WW is from a permitted water well. What is sample 220170913-ENPR-30SP?

Excavation occurred at the point of release and the pipeline was repaired. While the excavation was open samples were collected from below the point of

release and in the down gradient extent of the excavation to a max depth of 15 feet. These initial analysis indicated impacts exceeding table 910-1 for

organic and in-organic compounds. The site investigation plan identifies 6 boring locations 3 on the ridge and 3 in the valley.

Samples will occur from

areas identified in the field as impacted and a sample will be collected from below the impacts as a point of compliance. Depending on depth of impacts a

minimum of 2 grab samples will be collected from the soil borings these soils will be analyzed for 910-1 constituents. see attached site diagram.

Thanks

Alex

----- Forwarded message -----

From: **COGCC Field Inspection Report** <carlos.lujan@state.co.us>

Date: Tue, Oct 10, 2017 at 1:05 PM

Subject: COGCC FIELD INSPECTION REPORT [Doc#689100084] POSTED NOTICE

To: mark.schlagenhauf@state.co.us, BMiddleton@caerusoilandgas.com, carlos.lujan@state.co.us, stan.spencer@state.co.us, alex.fischer@state.co.us, JJanicek@caerusoilandgas.com

Cc: carlos.lujan@state.co.us



Colorado

Oil & Gas Conservation
Commission

Department of Natural Resources

1120 Lincoln St. Suite 801
Denver, CO 80203

Phone: (303) 894-2100

FAX: (303) 894-2109

cogcc.state.co.us

COGCC Field Inspection Report

THE ATTACHED REPORT HAS BEEN APPROVED AND POSTED TO THE COGCC WEBSITE.

PLEASE REVIEW ENTIRE REPORT. **COMMENTS** ARE HIGHLIGHTED IN **BLUE**, **CORRECTIVE ACTION ITEMS** ARE HIGHLIGHTED IN **RED**.

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Alex Fischer, P.G.

Environmental Supervisor, Western Colorado



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