



STATE OF  
COLORADO

EnviroScan - DNR, OGCC <dnr\_ogcc.enviroscan@state.co.us>

---

## Fwd: CM Production Lone Pine Field Remediation - COGCC REM 7058

1 message

---

**Fischer - DNR, Alex** <alex.fischer@state.co.us>  
To: OGCC EnviroScan - DNR <dnr\_ogcc.enviroscan@state.co.us>  
Cc: Kris Neidel - DNR <kris.neidel@state.co.us>

Thu, Apr 2, 2015 at 6:21 AM

Please upload the attached with the following information:

Unique identifier (REM/Spill/NOAV #, etc.): Pit Facility IDs [115241](#), [112265](#), [112266](#), [112267](#), [112268](#), and [112269](#), REM 7058, and Location ID [324634](#)

Document number (leave blank if one needs to be assigned):

Date received: 4/1/15

Is data entry needed (Y/N): N

Notes: April 1, 2015 Correspondence from Olsson

Thanks!

--

**Alex Fischer, P.G.**

**Environmental Supervisor, Western Colorado**



P [303.894.2100](tel:303.894.2100) x5138 | F [303.894.2109](tel:303.894.2109)

1120 Lincoln Street, Suite 801, Denver, CO 80203

| [alex.fischer@state.co.us](mailto:alex.fischer@state.co.us) [www.colorado.gov/cogcc](http://www.colorado.gov/cogcc)

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

From: **James Hix** <[jhix@olssonassociates.com](mailto:jhix@olssonassociates.com)>

Date: Wed, Apr 1, 2015 at 2:39 PM

Subject: RE: CM Production Lone Pine Field Remediation - COGCC REM 7058

To: "[alex.fischer@state.co.us](mailto:alex.fischer@state.co.us)" <[alex.fischer@state.co.us](mailto:alex.fischer@state.co.us)>, "[peter.gowen@state.co.us](mailto:peter.gowen@state.co.us)" <[peter.gowen@state.co.us](mailto:peter.gowen@state.co.us)>, "[kris.neidel@state.co.us](mailto:kris.neidel@state.co.us)" <[kris.neidel@state.co.us](mailto:kris.neidel@state.co.us)>

Cc: "gradyc@cmproductionllc.com" <gradyc@cmproductionllc.com>, "Ryan Standifird (ryans@cmproductionllc.com)" <ryans@cmproductionllc.com>, "Standifird, Brandon' (brandons@cmproductionllc.com)" <brandons@cmproductionllc.com>, "Teff, John (johnt@cmproductionllc.com)" <johnt@cmproductionllc.com>, "Curtis Ditzell (curtisd@cmproductionllc.com)" <curtisd@cmproductionllc.com>, "Roger Freeman (roger.freeman@dgsllaw.com) (roger.freeman@dgsllaw.com)" <roger.freeman@dgsllaw.com>

Alex, Peter, and Kris,

This email is in response to the Supplemental Form 27 for Remediation #7058 that was submitted February 22, 2015 and the COAs (Document #1642189) for remediation of the former produced water treatment pits (115241, 112265, 112266, 112267, 112268, and 112269) on the Margaret Spaulding lease.

The first condition of approval was that CM Production would provide the COGCC with the start date of the landfarm treatment facility by April 3, 2015. The start date will be Friday May 29, 2015. If weather conditions permit, CM Production will start to construct the landfarm facility before this date.

Access to the Margaret Spaulding 14 (057-06108), Margaret Spaulding 4-B (057-06046) and Margaret Spaulding 4 (057-06031) will be maintained so that normal field operations for these wells will not need to go through the land treatment areas to reach these wells. The lease road between the treatment areas will not be impeded by the landfarm treatment areas.

A work plan will be provided to the COGCC that addresses the other COA. The work plan will describe the construction of the landfarm including fencing, construction and maintenance of earthen berms around the landfarm areas, control of stormwater run on and runoff, and the frequency of tilling, disking, nutrient loading, and treatment. The work plan is expected to be submitted by April 17, 2015.

Olsson proposes a pilot project using EarthSmart Hydrocarbon Cleaner and water to treat the impacted soils in situ in the western pits (112268 and 112269). The solution will be spray applied to an area of the walls and bottom of one or both pits and the then will be left for two to three weeks. The treated area will be tested by collection of surface soil samples that will be submitted for laboratory analysis of BTEX (Method 8260), GRO (Method 8260), and DRO (Method 8015 modified).

James

James W. Hix, PG | **Olsson Associates**

4690 Table Mountain Drive, Suite 200 | Golden, CO 80403 | [jhix@olssonassociates.com](mailto:jhix@olssonassociates.com)

TEL 303.237.2072 | DIR 303.374.3139 | CELL 303.589.1572 | FAX 303.237.2659



---

**From:** COGCC Field Inspection Report [mailto:[dnr\\_eforms.helpdesk@state.co.us](mailto:dnr_eforms.helpdesk@state.co.us)]  
**Sent:** Tuesday, March 31, 2015 5:09 PM  
**To:** [grady@cmproductionllc.com](mailto:grady@cmproductionllc.com); [peter.gowen@state.co.us](mailto:peter.gowen@state.co.us); [kris.neidel@state.co.us](mailto:kris.neidel@state.co.us); [curtisd@cmproductionllc.com](mailto:curtisd@cmproductionllc.com); James Hix; JohnT@CMProductionllc.com  
**Cc:** [alex.fischer@state.co.us](mailto:alex.fischer@state.co.us)  
**Subject:** COGCC FIELD INSPECTION REPORT [Doc#677900027]  
**Importance:** High

DEPARTMENT OF NATURAL RESOURCES



**John W. Hickenlooper, Governor**

1120 Lincoln St. Suite 801

Denver, CO 80203

Phone: (303) 894-2100

FAX: (303) 894-2109

[www.cogcc.state.co.us](http://www.cogcc.state.co.us)

---

### **COGCC Field Inspection Report**

ATTACHED REPORT HAS BEEN SUBMITTED TO COGCC DATABASE  
BASED ON FIELD INSPECTION RESULTS.

**PLEASE REVIEW ENTIRE REPORT. COMMENTS, ACTION REQUIRED  
AND ALLEGED VIOLATIONS ITEMS ARE HIGHLIGHTED IN RED.**

--

**Alex Fischer, P.G.**

**Environmental Supervisor, Western Colorado**



P [303.894.2100](tel:303.894.2100) x5138 | F [303.894.2109](tel:303.894.2109)

1120 Lincoln Street, Suite 801, Denver, CO 80203

| [alex.fischer@state.co.us](mailto:alex.fischer@state.co.us) [www.colorado.gov/cogcc](http://www.colorado.gov/cogcc)