

**FORM
INSP**

Rev
X/15

**State of Colorado
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Inspection Date:

05/03/2017

Submitted Date:

07/10/2017

Document Number:

689100017

FIELD INSPECTION FORM

Loc ID 335991 Inspector Name: LUJAN, CARLOS On-Site Inspection 2A Doc Num: _____

Status Summary:

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED

Operator Information:

OGCC Operator Number: 10516
Name of Operator: LINN OPERATING LLC
Address: 600 TRAVIS STREET #1400
City: HOUSTON State: TX Zip: 77002

Findings:

- 10 Number of Comments
- 0 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Spencer, Stan		stan.spencer@state.co.us	EPS, NW Region
Johnson, Derek		dsj@bry.com	Production Superintendent
Fischer, Alex		alex.fischer@state.co.us	Environmental Supervisor, NW
Hogelin, Tom		tgh@bry.com	Construction Foreman
Lujan, Carlos		carlos.lujan@state.co.us	EPS, NW Region

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
443347	LAND APPLICATION SITE	AC			-	School House Point OM L15 696	EI
443348	LAND APPLICATION SITE	AC	09/25/2015		-	School Point OM K15 696	EI
443349	LAND APPLICATION SITE	AC			-	Granlee OM B10 696	EI
449190	LAND APPLICATION SITE	AC			-	C10 696 449190	EI

General Comment:

On May 3, 2017 COGCC Environmental Staff (Alex Fischer and Carlos Lujan) conducted an environmental field inspection of Berry Petroleum's (LINN) Old Mountain Land Treatment Facilities IDs: 443348, 443347, 443349, and 449190. Weather was overcast with sunny and temperature app 51s degree F. The following is a summary:

Land Treatment Facility ID: 443348, School Point OM K15 696 Benzo(a)pyrene

- Material was recently turned with excavator.
- Material approximately 3 feet to 4 feet in depth.
- Storm water runoff is adequate.
- Storm water run on adequate.
- Liner pieces present in treatment area.
- Material in pit is from road scraping.
- Pit Facility ID 415486has been cleared for Table 910-1 and remains open
- Berry would like to move appr 6,500 cubic yards to the L15 696 Location.
- Approximately 12,704 cubic yards (Berry/Linn estimate).
- After moving soil to L15 : 6,204 cy

Land Treatment Facility ID: 443347, School Point OM L15 696 Benzo(a)pyrene

- Material was recently turned with excavator.
- Material approximately 24 inches in depth.
- Storm water runoff is adequate.
- Storm water run on adequate.
- Liner pieces present in treatment area.
- Ramp into/out of treatment area needs to be maintained for tracking purposes.
- Berry would like to move appr 6,500 cubic yards from K15 696 to the L15 696 Location.
- Approximately 5,455 cubic yards (Berry/Linn estimate).
- After moving soil from K15 : 11,955 cy

Land Treatment Facility ID:449190, Granlee OM C10 696 Benzo(a)pyrene, Benzo(b)fluoranthene, and Dibenzo(a,h) anthracene

- Material was recently turned with excavator.
- Material approximately 3 feet to 4 feet in depth.
- Storm water runoff is in-adequate.
- Storm water run on adequate.
- Liner pieces present in treatment area and off location.
- It appears that some material has sloughed into pit.
- Needs berm around pit.
- Land treatment rock area is from a separate release. Do not commingle E&P Waste.
- Approximately 10,047 cubic yards (Berry/Linn estimate).

Land Treatment Facility ID:443349, Granlee OM B10 696 Benzo(a)pyrene

- Material was recently turned with excavator.
- Material approximately 24 inches in depth.
- Storm water runoff is adequate.
- Storm water run on adequate.
- Liner pieces present in treatment area and off location.
- An approximate 20 foot by 10 foot area of discolored mater outside of treatment area.
- Approximately 414 cubic yards (Berry/Linn estimate)

Inspected Facilities

Facility ID: <u>443347</u>	Type: <u>LAND</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>EI</u>
Facility ID: <u>443348</u>	Type: <u>LAND</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>EI</u>
Facility ID: <u>443349</u>	Type: <u>LAND</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>EI</u>
Facility ID: <u>449190</u>	Type: <u>LAND</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>EI</u>

COGCC Comments

Comment	User	Date
Land Treatment Facility ID:443349, Granlee OM B10 696 Benzo(a)pyrene • Continue to remove liner pieces present in treatment area and off location.	lujanc	07/11/2017
Land Treatment Facility ID:449190, Granlee OM C10 696 Benzo(a)pyrene, Benzo(b) fluoranthene, and Dibenzo(a,h) anthracene • Continue to remove liner pieces present in treatment area and off location. • Needs berm around pit. • Land treatment rock area is from a separate release. Do not commingle E&P Waste.	lujanc	07/11/2017
Land Treatment Facility ID: 443347, School Point OM L15 696 Benzo(a)pyrene • Continue to remove liner pieces present in treatment area. • Ramp into/out of treatment area needs to be maintained for tracking purposes.	lujanc	07/11/2017
Land Treatment Facility ID: 443348, School Point OM K15 696 Benzo(a)pyrene Continue to remove liner pieces present in treatment area.	lujanc	07/11/2017

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
401339122	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4195655
689100018	Berry Land Treatment INSP 20170503 Old Mountain	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4195646
689100019	Berry Land Treatment Old Mountain Photo log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4195647