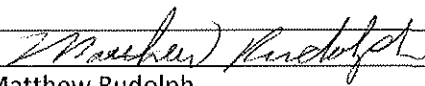




Region 6 Compliance Assurance and Enforcement Division
INSPECTION REPORT

Inspection Date(s):	08/28/2014		
Media:	Water		
Regulatory Program(s)	CWA 308		
Company Name:	Energy Production Company		
Facility Name:	Schneider Buda Unit Lease		
Facility Physical Location:	Approximately 1 mile northeast of CR2655 (32.680275, -95.390891)		
(city, state, zip code)	Mineola, TX, 75773		
Mailing address:	12221 Merit Drive, Suite 1200		
(city, state, zip code)	Dallas, TX 75251		
County/Parish:	Wood		
Facility Contact:	Stephen Fusselman	Operations Engineer	
	Stephen.fusselman@epcousa.com		
FRS Number:	NA		
Identification/Permit Number:	NA		
Media Number:	TXU011029		
NAICS:	21111		
SIC:	1311		
Facility Representatives:	Stephen Fusselman	Operations Engineer	214-592-5479
	Matt Wilson	Field Foreman	913-424-1906
	Daniel O'Chery	Contractor - HSE	NA
	Daniel Johns	Contractor - Titanium	903-234-8443
EPA Inspectors:	Matthew Rudolph	6EN-WR	214-665-6434
State Inspector(s):	NA		
Other Inspector(s):	NA		
Metadata	Title:	Energy Production Company Schneider Buda Unit Lease Wood County Texas	
	Author:	US EPA Region 6 Compliance Assurance and Enforcement Division Dallas TX	
	Subject:	Inspection Report Clean Water Act (CWA) Brine Discharge	
	Keywords:	Region 6 Brine Produced Water Oil and Gas CWA	
EPA Lead Inspector			10/23/2014
Signature/Date	Matthew Rudolph		Date
Supervisor	Johnsey, Paulette		
Signature/Date	Paulette Johnsey		Date
	Digitally signed by Johnsey, Paulette DN: cn=Johnsey, Paulette, email=Johnsey.Paulette@epa.gov Date: 2014.10.23 16:34:24 -0500		

Section I - INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector Matt Rudolph arrived at Energy Production Company/Schneider Buda Unit Lease at 11:00 am for an inspection. I presented my credentials to Matt Wilson and informed him that the EPA is conducting an inspection under the Clean Water Act (CWA). During the inspection I met with the following individuals:

FACILITY DESCRIPTION

An injection line (injection line) that transports produced water to two oil and gas leases known as the Schneider Buda Unit Lease and the Sasi Unit Lease (leases), ruptured discharging produced water and crude oil. Both of these leases are located in Wood Co. Texas. The leases consists of production wells, injection wells, vessels, flow lines and other equipment used for the production of crude oil. Production wells produce a mixture of produced water and crude oil. Flow lines are used to transport produced fluids to a tank battery. The tank battery separates the oil from the water. Brine waste is temporarily stored and then sent through lines to a disposal wells. Oil is stored in tanks at the tank battery and then sold for profit at a later time. Both of the leases have one injection well which dispose of the produced water that is transported in the injection line which previously ruptured. The Schneider Buda Unit Lease disposes of approximately 8,500 barrels of produced water a day and the Sasi Unit Lease disposes of approximately 1,500 barrels of produced water a day from the injection line.

Section II - OBSERVATIONS

I observed a pond to have been contaminated from both produced water and crude oil from the injection line which previously ruptured. The injection line is located under the pond. The pond is located on a tributary of Rock Falls Creek which outfalls to Shapps Lake which is also located on the tributary of Rock Falls Creek. During the inspection I determined the salinity of fluids with an YSI 30 meter at the following locations: fluids located in pond near its outfall at 32.680303', -95.390813' measured 1,100 ppm TSS; fluids located on flow path down gradient of pond at 32.680255', -95.390436' measured 200 ppm TSS; and, fluids located in Shapps Lake down gradient of pond at 32.680243', -95.389982' measured 200 ppm TSS.

Section III – AREAS OF CONCERN

High salinity and crude oil was observed in the pond.

Section IV – FOLLOW UP

None.

Section V – LIST OF APPENDICES

Appendix 1 – Photos

Appendix 1 -Photos



Photo File Name: Photo 1

Date of Photo: 8/28/2014

Time of Photo: 11:19 am

Photographer: Matt Rudolph

Description: Photo taken to the north. This pond was affected from a produced water discharge. Standing at N32.680275' and W95.390891'. The arrow is pointing to the approximate location of where a produced water injection line ruptured discharging produced water and crude oil.



Photo File Name: Photo 2

Date of Photo: 8/28/2014

Time of Photo: 11:20 am

Photographer: Matt Rudolph

Description: Photo taken to the northeast. I am standing at the same approximate location as previous photo. Red arrow points to a dam built on the ponds outfall where a beaver dam was previously located here.



Photo File Name: Photo 3

Date of Photo: 8/28/2014

Time of Photo: 11:31 am

Photographer: Matt Rudolph

Description: Photo taken to the west. I am standing on the dam built on the pond's outfall (dam). Fluids located here at N32.680303' and W9.390813' measured 1,100 ppm TSS.



Photo File Name: Photo 4

Date of Photo: 8/28/2014

Time of Photo: 11:32 am

Photographer: Matt Rudolph

Description: Photo taken to the west. I am standing at the same approximate location as the previous photo. YSI meter showing the 1,100 ppm TSS.



Photo File Name: Photo 5

Date of Photo: 8/28/2014

Time of Photo: 11:34 am

Photographer: Matt Rudolph

Description: Photo taken to the southeast. I am standing on dam looking downgradient at the flow path from the pond's outfall (flow path).



Photo File Name: Photo 6

Date of Photo: 8/28/2014

Time of Photo: 11:40 am

Photographer: Matt Rudolph

Description: Photo taken to the southeast. I am standing on lease road. The is another dam built on flow path.



Photo File Name: Photo 7

Date of Photo: 8/28/2014

Time of Photo: 11:43 am

Photographer: Matt Rudolph

Description: Photo taken to the east. I am standing on lease road looking at flow path. Shapps Lake is located just beyond the trees in the photos upper right.



Photo File Name: Photo 8

Date of Photo: 8/28/2014

Time of Photo: 11:49 am

Photographer: Matt Rudolph

Description: Photo taken to the south. Fluids located on flow path at N32.680255' and W95.390436' measured 200 ppm TSS.



Photo File Name: Photo 9

Date of Photo: 8/28/2014

Time of Photo: 11:56 am

Photographer: Matt Rudolph

Description: Photo taken to the west. I am standing with Shapps Lake to my back looking back at the pond's outfall flow path.



Photo File Name: Photo 10

Date of Photo: 8/28/2014

Time of Photo: 12:11 pm

Photographer: Matt Rudolph

Description: Photo taken to the south. I am standing at N32.680243' and W95.389982' looking at Shapps Lake. Fluids located here measured 200 ppm TSS.



Photo File Name: Photo 11

Date of Photo: 8/28/2014

Time of Photo: 12:12 pm

Photographer: Matt Rudolph

Description: Photo taken to the south. I am standing at the same approximate location as the previous photo. Meter showing the 200 ppm TSS.