EPA United States Environmental Protection Agency

Region 6 - Enforcement & Compliance Assurance Division

INSPECTION REPORT

Inspection Date(s):	1/27/2020	
Media Program:	Water	
Regulatory Program(s)	Brine - CWA	
Company Name:	**PE - Osage, LLC**	
Facility Name:	**Breene Unit**	
Facility Physical Location:	36.283035, -96.209448 (NW Sect. 23, T 21N, R 10E)	
(city, state, zip code)	Skiatook, Oklahoma 74070	
Mailing address:	100 W. Wilshire Blvd, Ste. 201	
(city, state, zip code)	Oklahoma City, Oklahoma 73116	
County/Parish:	Osage County	
Facility Phone Number	405-613-3331	
Facility Contact:	Roy A. Fletcher	
	raf@pennant-energy.com	
FRS Number:	N/A	
Identification/Permit Number:	OKU000875	
Media Identifier Number:	N/A	
NAICS:	21111	
SIC:	1311	

Personnel participating in inspection:		
Kent W. Sanborn	EPA 6 ECDWE	Environmental Engineer

EPA Lead Inspector Signature/Date	Kent W. Sanborn Digitally signed by Kent W. Sanborn DN: cn=Kent W. Sanborn, o, ou=6EN-WR, email=sanborn.kent@epa.gov, c=US Date: 2020.02.19 08:20:31 -06'00'	
	Kent W. Sanborn	Date
Supervisor Signature/Date	GUY TIDMORE Digitally signed by GUY TIDMORE DN: c=US, o=U.S. Government, ou=Environmental Protection Agency, cn=GUY TIDMORE, 0.9.2342.19200300.100.1.1=68001003655426 Date: 2020.02.28 10:41:45 -06'00'	28 FEB 2020
	Guy Tidmore	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector K.W. Sanborn visited the PE - Osage, LLC oil and gas facility located near Hominy, Oklahoma on 01/27/2020 for an unannounced inspection. There were no representatives of PE - Osage, LLC present for the inspection. The inspection was conducted by authority of the Clean Water Act and the Safe Drinking Water Act to determine compliance with the Environmental Protection Agency (EPA) regulations.

FACILITY DESCRIPTION

This facility is known as the Breene water flood unit.

Section II - OBSERVATIONS

I observed that there was not containment around the brine storage tank and the brine pump during the inspection. The main tank battery was full of fluids and those fluids were seeping out on the west side of the secondary containment during the inspection. With a calibrated YSI Pro 30 Conductivity meter, I took a Total Dissolved Solids (TDS) reading from the seeping fluids and measured 2,500 milligrams per liter (mg/L) to 5,500 mg/L at the seepage. The fluids flowed down a path where surface damage was evident. With the conductivity meter, I took readings along the flow path of these seeping fluids that ranged from 2,600 mg/L to 4,600 mg/L.

Section III – AREAS OF CONCERN

There were fluids in the secondary containment area of the main tank battery during the inspection. And the secondary containment berms were seeping. Elevated levels of TDS were observed outside the containment area and flowing towards a nearby creek. The brine storage portion of the facility did not have a secondary containment.

Section IV – FOLLOW UP

EPA water enforcement will conduct a follow up inspection in approximately 1 month.

Section V – LIST OF APPENDICES

N/A