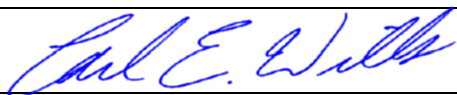


Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	06/09/2022	
Media Program:	Water	
Regulatory Program(s)	Clean Water Act – National Pollution Discharge Elimination System (Brine)	
Company Name:	PE-Osage, LLC	
Facility Name:	Breene Unit	
Facility Physical Location:	Latitude: 36.283030, Longitude: -96.209480	
(city, state, zip code)	Skiatook, Oklahoma, 74070	
Mailing address:	PO BOX 13178	
(city, state, zip code)	Oklahoma City, Oklahoma, 73113	
County/Parish:	Osage County	
Facility Phone Number	405-607-8826	
Facility Contact:	Roy Fletcher	CEO
	raf@pennant-energy.com	
FRS Number:	n/a	
Identification/Permit Number:	OKU000875	
Media Identifier Number:	n/a	
NAICS:	211111	
SIC:	1311	
Personnel participating in inspection:		
Matthew Allen	EPA, Region 6 ECDW	Inspector
Carl Wills	EPA, Region 6 ECDWA	Inspector
EPA Lead Inspector Signature/Date		07/28/2022
	Carl Wills	Date
Supervisor Signature/Date		
	Esteban Herrera	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspectors Carl Wills and Matthew Allen arrived at the PE Osage, LLC, Breene Unit (EPA ID No. OKU000875), at 1:30 PM on 06/09/2022 for an unannounced inspection. Carl Wills was the lead inspector for the inspection. There was no company representative present at the inspection. The inspection was conducted by the authority of the Clean Water Act to determine compliance with Environmental Protection Agency (EPA) regulations. There was no other Federal, State or Local agency present at the time of the inspection.

FACILITY DESCRIPTION

EPA conducted a follow-up inspection on the PE-Osage, Breene Unit. The Breene Unit was located approximately 11.5 miles southwest of Skiatook, Oklahoma, in Osage County.

Section II - OBSERVATIONS

I observed the Breene Unit tank battery and sign, this was documented in Appendix 1/Photo Log, photo No. 1. I observed the secondary containment pit inside the Breene Unit tank battery berm, which was full of water at the time of the inspection. The secondary containment pit was documented in photo No. 2. On the south side of the southernmost secondary containment berm of the Breene Unit tank battery, I observed water leaking through the berm and flowing downgradient to the south, this was documented in photo No. 3. I observed the water as it continued south along the flowpath. I observed the impacted land/soil along the flowpath and estimated approximately 80 percent of the impacted area had fully recovered with vegetation.

Section III – AREAS OF CONCERN

EPA Region 6 inspectors observed water leaking through the secondary containment berm which could allow recurrence of the spill event as the primary area of concern. The secondary containment pit should be emptied, and the secondary containment berm should be repaired to prevent fluid migration through the berm. I also observed moderate soil erosion along the flowpath where brine impacts prevented revegetation, this area of soil erosion should be corrected to prevent additional erosion.

Section IV – FOLLOW UP

No additional information was received by EPA after exiting the Facility on 06/09/2022.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 4 photos taken 06/09/2022

Appendix 1

Photograph Log 4 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.283030, -96.209480		
City: Skiatook	County/Parish: Osage	State: Oklahoma



Photo File Name: DSCN0599

Orientation: S

Date of Photo: 06/09/2022

Time of Photo: 1:58 PM

Latitude: 36.283030

Longitude: -96.209480

Photographer: Carl Wills

Description: This was the Breene Unit tank battery sign.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.283030, -96.209480		
City: Skiatook	County/Parish: Osage	State: Oklahoma



Photo File Name: DSCN0601

Orientation: S

Date of Photo: 06/09/2022

Time of Photo: 2:06 PM

Latitude: 36.283030

Longitude: -96.209480

Photographer: Carl Wills

Description: This was a photo showing the secondary containment "pit" located at the Breene Unit tank battery. The pit was full of water at the time of the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 36.283030, -96.209480		
City: Skiatook	County/Parish: Osage	State: Oklahoma



Photo File Name: DSCN0602

Orientation: N

Date of Photo: 06/09/2022

Time of Photo: 2:09 PM

Latitude: 36.283013

Longitude: -96.209779

Photographer: Carl Wills

Description: This was a photo of the south berm of the Breene Unit tank battery. The pit full of water was located on the north side of the berm, inside the tank battery. Water was flowing from inside the tank battery, through the berm, then continuing south downgradient.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 36.283030, -96.209480		
City: Skiatook	County/Parish: Osage	State: Oklahoma



Photo File Name: DSCN0603

Orientation: S

Date of Photo: 06/09/2022

Time of Photo: 2:11 PM

Latitude: 36.283013

Longitude: -96.209779

Photographer: Carl Wills

Description: This was a photo taken standing at the south berm of the Breene Unit tank battery, with a view downgradient/south. The flowpath had not fully recovered from the brine impacts. I estimated the flowpath was approximately 80 percent recovered.