

Region 6 - Enforcement & Compliance Assurance Division

INSPECTION REPORT

Inspection Date(s):	10/10/2023	
Media Program:	Water, Clean Water Act (Brine)	
Regulatory Program(s)	Brine (NPDES)	
Company Name:	CapturePoint, LLC	
Facility Name:	North Burbank Unit (NBU) 31 Battery	
Facility Physical Location:	36.79937, -96.735695	
(city, state, zip code)	Webb City, Oklahoma, 74652	
Mailing address:	1833 S. Morgan Road	
(city, state, zip code)	Oklahoma City, Oklahoma, 73128	
County/Parish:	Osage	
Facility Phone Number	918-287-6811	
Facility Contact:	Talia Clark	HSE Tech
FRS Number:	n/a	
Identification/Permit Number:	OKU002129	
Media Identifier Number:	n/a	
NAICS:	211111	
SIC:	1311	
Personnel participating in inspection:		
Matthew Allen	EPA/Region 6 ECDW	Inspector
Talia Clark	HSE Tech	
EPA Lead Inspector Signature/Date		
	Matthew Allen	Date
Supervisor Signature/Date		
	Jeanne Eckhart	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector Matthew Allen arrived at the CapturePoint, LLC / North Burbank Unit (NBU) 31 Battery (EPA ID No. OKU002129) at 10:15 AM on 10/10/2023 for an announced inspection. This was an EPA inspection in response to a National Response Center Spill Report (NRC No. 1381046) which was received by EPA Region 6. The inspection was conducted by the authority of the Clean Water Act (CWA) to determine compliance with Environmental Protection Agency (EPA) regulations. CapturePoint, LLC representative, Talia Clark participated during the inspection. There was no other federal, state, or local agency representatives present at the time of the inspection.

FACILITY DESCRIPTION

EPA conducted an inspection at the CapturePoint, LLC North Burbank Unit 31 Battery, well # NBU48W16 4" steel flowline, where an equipment failure resulted in the release of a company estimated 75 barrels of produced water and 1 barrel of crude oil. The released fluids migrated east along a braided flowpath approximately 250 feet before spilling into the headwaters of Dry Creek.

Section II – OBSERVATIONS

I observed the release point of the spill. The injection line was underground, and the operator representative stated the line had been isolated to prevent additional release but had not yet been repaired. I observed crude oil on the soil and vegetation in the area around the release point. I observed damp soil along the flowpath travelling away from the release point but was unable to provide photos due to the heavy vegetation along the flowpath. The release point and visible impacts can be seen in photos No. 1 & 2 of Appendix 1 (photo log) which is attached to this report. GPS and additional metadata for each photo observation can also be found in the photo log.

I observed the braided flowpath from the release point, travelling east approximately 250 feet toward the headwaters of Mud Creek. The flowpath was visible at the time of the inspection (wet soil) but heavy vegetation (grass) prevented photo documentation.

I observed the point of entry (POE) into Mud Creek. I also observed an elevated total dissolved solids (TDS) field reading of 14,509 mg/L in the main channel of the impacted creek at the POE. All TDS field readings observed during the inspection were taken with the EPA issued, properly calibrated, YSI Pro 30 conductivity meter. The POE, bed and bank features of the creek and elevated TDS field reading can be seen in photos No. 3 & 4.

Continuing downstream, I observed the bed and bank features of the impacted creek. I also observed an elevated TDS field reading of 66,983 mg/L at the same location. This was the highest TDS field reading observed during the inspection. These observations are documented in photos No. 5 & 6.

Continuing further downstream, I observed additional bed and bank features of the impacted creek. There was no water present in the creek at this location. These observations can be seen in photo No. 7.

I observed the temporary containment dam which had been placed by the operator to prevent further downstream migration of impacted waters. At the time of the inspection, no impacted water had reached the dam, nor had any impacted water migrated past the dam. The temporary containment dam can be seen in photo No. 8.

Section III – AREAS OF CONCERN

The primary areas of concern included the impacted soil and vegetation around the release point, the impacted soil and vegetation across the overland flowpath to the POE and the elevated TDS observations along the impacted waterway.

Section IV – FOLLOW UP

Inspector will follow up via phone calls and site visits as needed until the impacted area is cleaned to “pre-spill” condition.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 8 photos

Appendix 1

Photograph Log 8 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.79937, -96.735695		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010212

Orientation: S

Date of Photo: 10/10/2023

Time of Photo: 10:18 AM

Latitude: 36.79937

Longitude: -96.735695

Photographer: Matthew Allen

Description: This was the release point. The steel line was underground and had not been repaired at the time of the inspection. Oil was present on the soil and vegetation around the release point.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.79937, -96.735695		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010210

Orientation: S

Date of Photo: 10/10/2023

Time of Photo: 10:19 AM

Latitude: 36.79937

Longitude: -96.735695

Photographer: Matthew Allen

Description: This was an overview of the release point.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 36.79937, -96.735695		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010214

Orientation: S

Date of Photo: 10/10/2023

Time of Photo: 10:23 AM

Latitude: 36.799087

Longitude: -96.734596

Photographer: Matthew Allen

Description: This was the point of entry (POE) where the spill entered Mud Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 36.79937, -96.735695		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010215

Orientation: NA

Date of Photo: 10/10/2023

Time of Photo: 10:29 AM

Latitude: 36.799087

Longitude: -96.734596

Photographer: Matthew Allen

Description: This was an elevated total dissolved solids (TDS) field reading of 14,509 mg/L observed in the main channel of the impacted creek at the POE.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 36.79937, -96.735695		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010216

Orientation: NNE

Date of Photo: 10/10/2023

Time of Photo: 10:32

Latitude: 36.798573

Longitude: -96.734505

Photographer: Matthew Allen

Description: This was a photo showing the bed and bank features of the impacted creek. The TDS field reading in photo No. 6 was taken at this location.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 36.79937, -96.735695		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010217

Orientation: NA

Date of Photo: 10/10/2023

Time of Photo: 10:32 AM

Latitude: 36.798573

Longitude: -96.734505

Photographer: Matthew Allen

Description: This was an elevated TDS field reading of 66,983 mg/L taken in the main channel of the impacted creek. This was the highest TDS measurement observed during the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 36.79937, -96.735695		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010218

Orientation: NNW

Date of Photo: 10/10/2023

Time of Photo: 10:36 AM

Latitude: 36.79837

Longitude: -96.734483

Photographer: Matthew Allen

Description: This was a photo showing the bed and bank features along the impacted creek. There was no water present in the creek bed along this section of the creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 36.79937, -96.735695		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010219

Orientation: NW

Date of Photo: 10/10/2023

Time of Photo: 10:39 AM

Latitude: 36.798053

Longitude: -96.734865

Photographer: Matthew Allen

Description: This was a temporary containment dam which had been placed by the operator to prevent downstream migration of contaminated waters. At the time of the inspection, impacted waters had not migrated downstream beyond the dam.