

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	1/25/2024	
Media Program:	Water, Clean Water Act (Brine)	
Regulatory Program(s)	Brine (NPDES)	
Company Name:	CapturePoint, LLC	
Facility Name:	North Burbank Unit (NBU) 24 Battery	
Facility Physical Location:	36.844492, -96.733016	
(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:	OKU002197	
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		
	(acting) Mitty Garcia	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector Matthew Allen arrived at the CapturePoint, LLC / North Burbank Unit (NBU) 24 Battery (EPA ID No. OKU002197) at 11:00 AM on 1/25/2024 for an announced inspection. This was an EPA inspection in response to a National Response Center Spill Report (NRC No. 1389031) 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 24 Battery, where extreme freezing temperatures (below 0) caused a steel flowline to fail, spilling a company estimated 5 barrels of crude oil and 750 barrels of saltwater onto the soil and dormant vegetation. The spilled fluids migrated west, overland, approximately 300 feet before spilling into an unnamed tributary of Haines Creek. The spill travelled generally north along the impacted tributary until spilling into another unnamed tributary. The two unnamed tributaries continued north to Haines Creek.

Section II – OBSERVATIONS

I observed the release point of the spill (36.844502, -96.733018). Oil and produced water-stained soil and vegetation were observed in the area immediately surrounding the release point. The ruptured steel flowlines were present and not yet repaired at the time of the inspection. The damaged flowlines were isolated and taken out of service at the time of the inspection. See photo No. 1, Appendix 1 (photo log). For additional GPS location information and photo metadata, see the attached photo log.

I observed the point of entry (POE) (36.844452, -96.734203) into an unnamed tributary of Haines Creek approximately 300 feet west from the release point. At this same location I observed an elevated total dissolved solids (TDS) field reading of 6375 mg/L. This reading was the highest observed throughout the inspection. I also observed crude oil floating on the water in the main channel of the impacted tributary. See photos No. 2 and 3 in the photo log.

Continuing downstream, I observed a TDS field reading of 1522 mg/L immediately upstream from a temporary containment dam which had been created by the operator to prevent further downstream migration of elevated TDS waters. See photos No. 4 and 5.

I observed the confluence of the impacted unnamed tributary with another unnamed tributary of Haines Creek. At this same location I observed an elevated TDS field reading of 1239 mg/L in the main channel of the impacted tributary, see photo No. 6. I also documented the bed and bank features of the

impacted tributary which can be seen in photo No. 7. At this same location, immediately downstream from the confluence of the two unnamed tributaries, I observed a TDS field reading of 379.8 mg/L. At this point, the combined tributaries had increased the in-stream flow and dilution was impacting the ability to observe elevated TDS spill impacts.

At Haines Creek, I observed identical TDS field readings of 346.4 mg/L on the upstream and downstream sides of where the impacted tributary entered the main channel of Haines Creek. The upstream TDS field reading of 346.4 mg/L taken in the main channel of Haines Creek should be used to help establish background TDS levels in the area.

All TDS field readings were taken with a properly calibrated, EPA issued, YSI Pro 30 conductivity meter.

Section III – AREAS OF CONCERN

The primary areas of concern at the time of the inspection included the impacted soil and vegetation around the release point, the elevated TDS waters observed along the impacted unnamed tributary of Haines Creek and the crude oil floating on the water in the impacted tributary.

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 – 9 photos

Appendix 1

Photograph Log 9 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.844492, -96.733016		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010254

Orientation: W

Date of Photo: 1/25/2024

Time of Photo: 11:10 AM

Latitude: 36.844502

Longitude: -96.733018

Photographer: Matthew Allen

Description: This was the release point. Extreme freezing temperatures, below zero, caused the injection lines to freeze and rupture.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.844492, -96.733016		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010255

Orientation: W

Date of Photo: 1/25/2024

Time of Photo: 11:22 AM

Latitude: 36.844452

Longitude: -96.734203

Photographer: Matthew Allen

Description: This was an elevated total dissolved solids (TDS) field reading of 6375 mg/L taken at the point of entry (POE) into the impacted unnamed tributary.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 36.844492, -96.733016		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010256

Orientation: N/A

Date of Photo: 1/25/2024

Time of Photo: 11:23 AM

Latitude: 36.844452

Longitude: -96.734203

Photographer: Matthew Allen

Description: This was the POE into the unnamed tributary. This is the same location where the TDS field reading from photo No. 2 was observed.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 36.844492, -96.733016		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010257

Orientation: N/A

Date of Photo: 1/25/2024

Time of Photo: 11:30 AM

Latitude: 36.846164

Longitude: -96.733526

Photographer: Matthew Allen

Description: This was an elevated TDS field reading of 1522 mg/L taken downstream from the POE, on the upstream side of a temporary containment dam.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 36.844492, -96.733016		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010258

Orientation: WSW

Date of Photo: 1/25/2024

Time of Photo: 11:30 AM

Latitude: 36.846164

Longitude: -96.733526

Photographer: Matthew Allen

Description: This was the pool of water where the TDS field reading from photo. No 4 was observed.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 36.844492, -96.733016		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010259

Orientation: N/A

Date of Photo: 1/25/2024

Time of Photo: 11:45 AM

Latitude: 36.848570

Longitude: -96.732975

Photographer: Matthew Allen

Description: This was an elevated TDS field reading of 1239 mg/L observed where the impacted unnamed tributary entered another unnamed tributary. This point was upstream from where the combined unnamed tributaries flowed into Haines Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 36.844492, -96.733016		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010260

Orientation: W

Date of Photo: 1/25/2024

Time of Photo: 11:46 AM

Latitude: 36.848570

Longitude: -96.732975

Photographer: Matthew Allen

Description: This was a photo taken along the impacted tributary showing the bed and bank features of the tributary immediately upstream of its confluence with another unnamed tributary. This was the same location where the TDS field reading from photo No. 6 was observed.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 36.844492, -96.733016		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010261

Orientation: NW

Date of Photo: 1/25/2024

Time of Photo: 11:48

Latitude: 36.848570

Longitude: -96.732975

Photographer: Matthew Allen

Description: This was a TDS field reading of 379.8 mg/L taken downstream from the confluence of the two unnamed tributaries. In-stream flow substantially increased downstream from the confluence of the two unnamed tributaries and TDS levels no longer showed significant impact.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: 36.844492, -96.733016		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010263

Orientation: N/A

Date of Photo: 1/25/2024

Time of Photo: 11:56 AM

Latitude: 36.849654

Longitude: -96.733081

Photographer: Matthew Allen

Description: This was a TDS field reading of 346.4 mg/L observed in the main channel of Haines Creek. The TDS level observed was the same upstream and downstream in the main channel of Haines Creek at the point where the unnamed tributary entered Haines Creek.