

Region 6 - Enforcement & Compliance Assurance Division

INSPECTION REPORT

Inspection Date(s):	11/14/2023	
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:	36.798799, -96.733303	
(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
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 10:45 AM on 11/14/2023 for an announced inspection. This was an EPA inspection in response to a National Response Center Spill Report (NRC No. 1383806) 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. 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, beginning near well # NBU49-31, where an equipment failure resulted in the release of a company estimated 100 barrels of saltwater. The released fluids migrated southwest along a drainage feature approximately 250 feet before spilling into the headwaters of Mud Creek.

Section II – OBSERVATIONS

I observed the release point of the spill which was well NBU 49-31. At the time of the inspection there was a workover rig present on the well. At the time of the inspection, inspector maintained a safe distance from the release point due to the ongoing well workover. NBU 49-31 and the workover rig can be seen in photo No.1 of appendix 1 (photo log) which is attached to this report. For GPS location information and additional meta data, please see the photo log.

I observed the Point of Entry (POE) into Mud Creek. At the same location I observed an elevated Total Dissolved Solids (TDS) field reading of 27,190 mg/L, this was the highest TDS reading observed during the inspection. The POE and associated field reading can be seen in Photos No. 2 and 3 of the photo log. All TDS field readings observed during the inspection were taken with a properly calibrated YSI Pro 30 Conductivity Meter.

I observed a temporary containment dam which had been placed by the operator to prevent downstream migration of impacted waters. At the same location I observed an elevated TDS field reading of 9,189 mg/L. The dam and associated TDS observation are documented in photos No. 4 and 5 of the photo log.

Continuing downstream, I observed the 2nd temporary containment dam and a TDS field reading of 18,737 mg/L. These observations can be seen in Photos No. 6 and 7.

Further downstream I observed the 3rd temporary containment dam which is documented in Photo No. 8.

I observed the 4th and final temporary containment dam which can be seen in Photo No. 9. I observed an elevated TDS field reading of 2,602 mg/L on the upstream side of the dam which can be seen in Photo No. 11. At the same location I observed the dry bed of the impacted creek behind the 4th and final dam, see Photo No. 10. There were no additional downstream spill impacts to document.

During the inspection I observed 1 tank truck and operator removing elevated TDS waters from the impacted creek. I also observed a dam near the POE which was being filled with freshwater. The operator stated this dam would be removed allowing several hundred barrels of freshwater to “flush” down the impacted stream.

Section III – AREAS OF CONCERN

The primary areas of concern include the elevated TDS observations along the impacted section of Mud Creek from the POE to the 4th temporary containment dam.

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 – 10 Photos taken 11/14/2023.

Appendix 1

Photograph Log 10 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010235

Orientation: NW

Date of Photo: 11/14/2023

Time of Photo: 10:46 AM

Latitude: 36.

Longitude: -96.

Photographer: Matthew Allen

Description: This was a photo of a workover rig on well NBU 49-31. This was the release point of the spill. At the time of the inspection the operator was working to repair the casing leak in the well.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010236

Orientation: S

Date of Photo: 11/14/2023

Time of Photo: 10:51 AM

Latitude: 36.798428

Longitude: -96.734479

Photographer: Matthew Allen

Description: This was the Point of Entry (POE) into Mud Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010237

Orientation: NA

Date of Photo: 11/14/2023

Time of Photo: 10:52 AM

Latitude: 36.798428

Longitude: -96.734479

Photographer: Matthew Allen

Description: This was an elevated TDS field reading of 27,190 mg/L observed at the POE into Mud Creek. This was the highest TDS level observed during the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010238

Orientation: SSW

Date of Photo: 11/14/2023

Time of Photo: 10:55 AM

Latitude: 36.798126

Longitude: -96.734889

Photographer: Matthew Allen

Description: This was the first temporary downstream containment dam placed by the operator to prevent further downstream migration of impacted waters.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010239

Orientation: NA

Date of Photo: 11/14/2023

Time of Photo: 10:55 AM

Latitude: 36.798126

Longitude: -96.734889

Photographer: Matthew Allen

Description: This was an elevated TDS field reading of 9,189 mg/L. This was taken in the main channel of the impacted stream, immediately upstream from the first temporary containment dam.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010240

Orientation: NA

Date of Photo: 11/14/2023

Time of Photo: 11:02 AM

Latitude: 36.797341

Longitude: -96.735344

Photographer: Matthew Allen

Description: This was an elevated TDS field reading of 18,737 mg/L taken in the main channel of the impacted stream, immediately above the 2nd temporary containment dam.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010241

Orientation: N

Date of Photo: 11/14/2023

Time of Photo: 11:02 AM

Latitude: 36.797341

Longitude: -96.735344

Photographer: Matthew Allen

Description: This was the 2nd temporary containment dam at the time of the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010243

Orientation: E

Date of Photo: 11/14/2023

Time of Photo: 11:07 AM

Latitude: 36.796641

Longitude: -96.735341

Photographer: Matthew Allen

Description: This was the 3rd temporary containment dam placed by the operator to prevent further downstream migration of elevated TDS waters.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010244

Orientation: SW

Date of Photo: 11/14/2023

Time of Photo: 11:11 AM

Latitude: 36.796370

Longitude: -96.735414

Photographer: Matthew Allen

Description: This was the 4th and lowermost temporary containment dam placed by the operator. The dam was properly placed and was preventing downstream migration of impacted waters. The impacted streambed was dry downstream from this dam at the time of the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010245

Orientation: ESE

Date of Photo: 11/14/2023

Time of Photo: 11:11 AM

Latitude: 36.796370

Longitude: -96.735414

Photographer: Matthew Allen

Description: This was a photo of the dry main channel of the impacted stream downstream from the 4th temporary containment dam.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

Location: 36.798799, -96.33303		
City: Webb City	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010246

Orientation: NA

Date of Photo: 11/14/2023

Time of Photo: 11:11 AM

Latitude: 36.796370

Longitude: -96.735414

Photographer: Matthew Allen

Description: This was an elevated TDS field of 2,602 mg/L reading taken immediately upstream from the 4th temporary containment dam.