

Region 6 - Enforcement & Compliance Assurance Division

INSPECTION REPORT

Inspection Date(s):	03/18/2024	
Media Program:	Water, Clean Water Act (Brine)	
Regulatory Program(s)	Brine (NPDES)	
Company Name:	CapturePoint, LLC	
Facility Name:	South Burbank Unit (SBU) R Battery	
Facility Physical Location:	36.658664, -96.644276	
(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:	OKU002200	
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 / South Burbank Unit (SBU) R Battery (EPA ID No. OKU002200) at 1:15 PM on 3/18/2024 for an announced inspection. This was an EPA inspection in response to a National Response Center Spill Report (NRC No. 1394063) 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 South Burbank Unit, R Battery, where an equipment failure resulted in the release of a company estimated 200 barrels of saltwater. The released fluids migrated east along a drainage feature approximately 350 feet before spilling into an unnamed tributary of Little Chief Creek. Spill impacts migrated north along the tributary, eventually entering Little Chief Creek.

Section II – OBSERVATIONS

I observed the release point of the spill (see Appendix 1, Photo Log) Photo No. 1, which was a saltwater pumping station, where a saltwater flowline failed, releasing a company estimated 200 barrels of saltwater to the land surface. At the time of the inspection, the failed equipment had been replaced and the facility was operating as normal. For GPS location information and additional meta data, please see the photo log.

I observed the overland flowpath which migrated east from the facility along a drainage feature approximately 650 feet. The flowpath varied between 1 and 3 feet wide. The flowpath travelled across a significant downslope. See photo No. 2.

I observed the Point of Entry (POE) into an unnamed tributary of Little Chief Creek. At the POE, I observed an elevated TDS field reading of 46,964 mg/L. This was the highest TDS level observed throughout the inspection. The POE and associated TDS readings can be seen in Photos No. 3 and 4.

Continuing along the impacted tributary, I observed an elevated TDS field reading of 6,093 mg/L. This observation was made at the approximate midpoint of the flowpath along the tributary. This observation can be seen in Photo No. 5.

During the inspection, I observed men with equipment (including pumps and vacuum trucks) performing cleanup activities. See photos No. 6 and 7.

I observed a temporary containment dam which had been placed by the operator as part of the ongoing cleanup effort. The dam was placed to prevent further downstream migration of impacted waters. See photo No. 8.

I observed the POE into Little Chief Creek. At the same location, I observed an elevated TDS field reading of 29,576 mg/L (Photo No. 9). This was the highest TDS level observed in Little Chief Creek throughout the inspection. I also observed the streams physical characteristics at the same location. These observations are documented in Photos No. 10, 11 and 12.

Approximately 350 feet downstream from the POE, in the main channel of Little Chief Creek I observed the furthest downstream spill impact. This was in the form of an elevated TDS field reading of 7,910 mg/L, which can be seen in Photo No. 13. At this same location I observed the physical stream characteristics (bed and bank features) which can be seen in the downstream and upstream photos pictured in Photos No. 14 and 15.

Continuing downstream I observed a TDS field reading of 288.3 mg/L. This indicated spill impacts had not travelled to this point downstream. This photo as well as GPS location and other metadata can be seen in Photo No. 16. At the same location I observed many turtles and fishes which were seemingly unaffected by the spill. Photos No. 17 and 18 provide a downstream and upstream view from the observation location. I did not observe any impacted fish or wildlife at any point during the inspection.

I observed the lowermost temporary containment dam, upstream and downstream views, and a TDS field reading of 258.4 mg/L. This was the furthest downstream point observed during the inspection. See Photos No. 19, 20, 21 and 22.

Approximately .3 miles upstream from the POE into Little Chief Creek, I observed a TDS field reading of 319.8 mg/L in the main channel of the creek which was not impacted by the spill. This observation should be used when considering the “background” TDS levels in the area. See Photo No. 23.

Section III – AREAS OF CONCERN

The primary areas of concern included the overland flowpath impacted by brine, the impacted unnamed tributary, and the elevated TDS observations along Little Chief Creek.

Section IV – FOLLOW UP

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

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 23 Photos taken 03/18/2024.

Appendix 1

Photograph Log 23 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010325

Orientation: ESE

Date of Photo: 3/18/2024

Time of Photo: 1:20 PM

Latitude: 36.658667

Longitude: -96.644202

Photographer: Matthew Allen

Description: This was the release point, a 2-inch steel line failed, releasing fluid to the land surface.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010326

Orientation: E

Date of Photo: 3/18/2024

Time of Photo: 1:21 PM

Latitude: 36.36.658667

Longitude: -96.644202

Photographer: Matthew Allen

Description: This was the flowpath travelling east from the release point, down a significant grade. The flowpath averaged 2-3 feet in width.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010328

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 1:29 PM

Latitude: 36.659005

Longitude: -96.641844

Photographer: Matthew Allen

Description: This was an elevated TDS field reading of 46,964 mg/L taken at the Point of Entry (POE) into an unnamed tributary of Little Chief Creek. This was the highest TDS reading observed during the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010329

Orientation: ESE

Date of Photo: 3/18/2024

Time of Photo: 1:30 PM

Latitude: 36.659005

Longitude: -96.641844

Photographer: Matthew Allen

Description: This was the POE into the unnamed tributary of Little Chief Creek. At the time of the inspection, cleanup efforts had not yet reached this section of the impacted flowpath.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010330

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 1:37 PM

Latitude: 36.661300

Longitude: -96.642340

Photographer: Matthew Allen

Description: This was an elevated TDS field reading of 6,093 mg/L taken at the approximate midway point of the impacted unnamed tributary. At the time of the inspection, this area had already been emptied and flushing operations were being conducted.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010332

Orientation: S

Date of Photo: 3/18/2024

Time of Photo: 1:43 PM

Latitude: 36.662806

Longitude: -96.641488

Photographer: Matthew Allen

Description: This was a vacuum truck removing water from the impacted tributary of Little Chief Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010333

Orientation: WSW

Date of Photo: 3/18/2024

Time of Photo: 1:43 PM

Latitude: 36.662806

Longitude: -96.641488

Photographer: Matthew Allen

Description: This was a trash pump transferring water along the impacted tributary.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010334

Orientation: SW

Date of Photo: 3/18/2024

Time of Photo: 1:44 PM

Latitude: 36.662806

Longitude: -96.641488

Photographer: Matthew Allen

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010335

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 1:51 PM

Latitude: 36.663097

Longitude: -96.641680

Photographer: Matthew Allen

Description: This was an elevated TDS field reading of 29,576 mg/L taken at the POE into Little Chief Creek. This reading was observed in the main channel of Little Chief Creek. This was the highest TDS reading observed in Little Chief Creek during the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010336

Orientation: W

Date of Photo: 3/18/2024

Time of Photo: 1:53 PM

Latitude: 36.663097

Longitude: -96.641680

Photographer: Matthew Allen

Description: This was the POE of the impacted unnamed tributary into Little Chief Creek. This is the same location where the TDS observation from photo No. 9 was taken.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010337

Orientation: NW

Date of Photo: 3/18/2024

Time of Photo: 1:53 PM

Latitude: 36.663097

Longitude: -96.641680

Photographer: Matthew Allen

Description: This was a view from the POE looking downstream along Little Chief Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 12

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010338

Orientation: E

Date of Photo: 3/18/2024

Time of Photo: 1:53 PM

Latitude: 36.663097

Longitude: -96.641680

Photographer: Matthew Allen

Description: This was an upstream view along Little Chief Creek from the POE.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 13

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010339

Orientation: WNW

Date of Photo: 3/18/2024

Time of Photo: 2:01 PM

Latitude: 36.663662

Longitude: -96.642516

Photographer: Matthew Allen

Description: This was an elevated TDS field reading of 7,910 mg/L taken downstream from the POE in the main channel of Little Chief Creek. This reading was observed approximately 350 feet downstream from the POE. This reading was taken just upstream from a shallow area of the creek which was preventing further downstream migration of impacted waters. This was the final observation of spill impact in Little Chief Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 14

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010340

Orientation: NW

Date of Photo: 3/18/2024

Time of Photo: 2:02 PM

Latitude: 36.663662

Longitude: -96.642516

Photographer: Matthew Allen

Description: This was a downstream view along Little Chief Creek. This photo was taken at the same location as the TDS reading from Photo No. 13.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 15

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010341

Orientation: E

Date of Photo: 3/18/2024

Time of Photo: 2:02 PM

Latitude: 36.663662

Longitude: -96.642516

Photographer: Matthew Allen

Description: This was an upstream view along Little Chief Creek. This photo was taken from the same location as Photos No. 13 and 14.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 16

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010342

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 2:07 PM

Latitude: 36.663575

Longitude: -96.644293

Photographer: Matthew Allen

Description: This was a TDS field reading of 288.3 mg/L taken in the main channel of Little Chief Creek, downstream from the POE. This reading indicated there were no spill impacts present at this location.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 17

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010343

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 2:08 PM

Latitude: 36.663575

Longitude: -96.644293

Photographer: Matthew Allen

Description: This was a view downstream along Little Chief Creek. This photo was taken at the same location as the TDS reading from Photo No. 16.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 18

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010344

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 2:08 PM

Latitude: 36.663575

Longitude: -96.644293

Photographer: Matthew Allen

Description: This was a view upstream along Little Chief Creek. This photo was taken at the same location as the TDS reading from Photo No. 16.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 19

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010345

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 2:15 PM

Latitude: 36.665607

Longitude: -96.646421

Photographer: Matthew Allen

Description: This was a TDS field reading of 258.4 mg/L taken on the upstream side of the lowermost temporary containment dam which had been placed by the operator to contain any potential spill impacts. At the time of the inspection, water was flowing over the dam, but spill impacts were not observed at this location.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 20

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010346

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 2:15 PM

Latitude: 36.665607

Longitude: -96.646421

Photographer: Matthew Allen

Description: This was the lowermost containment dam placed by the operator to prevent downstream migration of spill impacts.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 21

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010347

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 2:15 PM

Latitude: 36.665607

Longitude: -96.646421

Photographer: Matthew Allen

Description: This was a view downstream along Little Chief Creek from the lowermost containment dam.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 22

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010348

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 2:15 PM

Latitude: 36.665607

Longitude: -96.646421

Photographer: Matthew Allen

Description: This was a view upstream along Little Chief Creek from the lowermost containment dam.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 23

Location: 36.658664, -96.644276		
City: Burbank	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010349

Orientation: N/A

Date of Photo: 3/18/2024

Time of Photo: 2:40 PM

Latitude: 36.662354

Longitude: -96.636293

Photographer: Matthew Allen

Description: This was a TDS field reading of 319.8 mg/L taken in the main channel of Little Chief Creek approximately .3 miles upstream from the POE. This reading was observed at the intersection of Little Chief Creek and county road 5818. This observation should be used to establish “background” TDS levels for the area.