

Region 6 - Enforcement & Compliance Assurance Division

INSPECTION REPORT

Inspection Date(s):	3/12/2024	
Media Program:	Water	
Regulatory Program(s)	Clean Water Act	
Company Name:	J & B Oil, LLC	
Facility Name:	TC Patton Tank Battery	
Facility Physical Location:	Latitude: 33.38142, Longitude: -92.78553	
(city, state, zip code)	Smackover, AR, 71762	
Mailing address:	812 Elm Street	
(city, state, zip code)	Smackover, Arkansas, 71762	
County/Parish:	Union County	
Facility Phone Number	870-725-4148	
Facility Contact:	Jerry H. Smith	
	stacyaycock@att.net	
FRS Number:	NA	
Identification/Permit Number:	ARU002226	
Media Identifier Number:	NA	
NAICS:	211111	
SIC:	1311	
Personnel participating in inspection:		
Michael Blaha	EPA/Region 6 ECDW	Enforcement Officer/Inspector
Uma Lad	EPA/Region 6 ECDW	Enforcement Officer/Inspector
Kerri McCabe	EPA/Region 6 ECDW	Enforcement Officer/Inspector
Glen Owens	AOGC	AOGC Inspector
EPA Lead Inspector Signature/Date		
	Michael Blaha	Date
Supervisor Signature/Date		
	Jeanne Eckhart	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspectors Michael Blaha, Uma Lad, and Kerri McCabe arrived at J & B Oil, LLC, TC Patton Tank Battery, located off Highway 7 (33.38142, -92.78553) at 10:20 AM on 3/12/2024 for an unannounced inspection. No facility representatives were present at the time of the inspection. The inspection was conducted by the authority of the Clean Water Act (CWA) to determine compliance with Environmental Protection Agency (EPA) regulations. Glen Owens was present during the inspection representing Arkansas Oil and Gas Commission (AOGC).

FACILITY DESCRIPTION

EPA conducted an inspection on the J & B Oil, LLC, TC Patton Tank Battery, which contains two (2) separators, one (1) oil storage tank, and one (1) brine storage tank.

Section II - OBSERVATIONS

I observed the facility sign, secondary containment, oil separators, pipes, and tanks located at the facility, see Appendix 1 (photo log), photo No. 1 and No. 2. For additional GPS location and photo metadata, see Appendix 1.

I observed the contaminated flowpath, dead vegetation, and salt crystals on top of the soil on the backside (W) of the facility, see photo No. 3 and No. 4.

I observed a Total Dissolved Solids (TDS) reading of 1,089 mg/L as well as stream characteristics on the backside (W) of the facility in the unnamed tributary that connects to Wolf Creek, see photo No. 5 through photo No. 7.

I observed a TDS reading of 166.3 mg/L upstream from the point of entry (POE) into Wolf Creek. I also observed the POE from the unnamed tributary to Wolf Creek as well as stream characteristics, see photo No. 8 through photo No. 10.

At the POE, I observed a TDS reading of 931 mg/L in Wolf Creek, see photo No. 11.

Downstream from the POE, I observed a TDS reading of 6,323 mg/L on the east side of the Highway 7 bridge as well as stream characteristics, see photo No. 12 through photo No. 14

Under the east side of the Highway 7 bridge, I observed a background TDS reading of 169.3 mg/L, see photo No. 15.

Section III – AREAS OF CONCERN

No closing conference was held due to no J & B Oil, LLC staff being present during the inspection. Areas of concern at the time of the inspection include the contaminated flowpath to the unnamed tributary and the elevated TDS levels in Wolf Creek.

Section IV – FOLLOW UP

Inspector will conduct follow-up phone calls with the company representatives over the coming weeks and months to ensure areas of concern are properly addressed.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 15 photos taken 3/12/2024

Appendix 1

Photograph Log

15 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010183

Orientation: SW

Date of Photo: 3/12/2024

Time of Photo: 10:24 AM

Latitude: 33.38142

Longitude: -92.78553

Photographer: Michael Blaha

Description: This photo was taken looking SW showing the facility information on the tank.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010184

Orientation: SW

Date of Photo: 3/12/2024

Time of Photo: 10:39 AM

Latitude: 33.38142

Longitude: -92.78553

Photographer: Michael Blaha

Description: This photo was taken looking SW showing an overview of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010185

Orientation: ENE

Date of Photo: 3/12/2024

Time of Photo: 10:48 AM

Latitude: 33.381255

Longitude: -92.785993

Photographer: Michael Blaha

Description: This photo was taken looking ENE along the back side of the facility outside of secondary containment showing impacted flow path and dead vegetation.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010186

Orientation: NE

Date of Photo: 3/12/2024

Time of Photo: 10:49 AM

Latitude: 33.381243

Longitude: -92.785851

Photographer: Michael Blaha

Description: This photo was taken looking NE showing crystalized salt on top of the soil on the flowpath by the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010187

Orientation: NA

Date of Photo: 3/12/2024

Time of Photo: 11:03 AM

Latitude: 33.381225

Longitude: -92.786005

Photographer: Michael Blaha

Description: This photo was taken showing a Total Dissolved Solids (TDS) reading of 1,089 mg/L at the point of entry (POE) into an unnamed tributary of Wolf Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010188

Orientation: S

Date of Photo: 3/12/2024

Time of Photo: 11:05 AM

Latitude: 33.381233

Longitude: -92.786028

Photographer: Michael Blaha

Description: This photo was taken looking downstream (S) from the TDS reading on Photo No. 5 showing stream characteristics of the unnamed tributary of Wolf Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010189

Orientation: N

Date of Photo: 3/12/2024

Time of Photo: 11:05 AM

Latitude: 33.381226

Longitude: -92.78602

Photographer: Michael Blaha

Description: This photo was taken looking upstream (N) from the TDS reading on Photo No. 5 showing stream characteristics of the unnamed tributary of Wolf Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010190

Orientation: NA

Date of Photo: 3/12/2024

Time of Photo: 11:19 AM

Latitude: 33.380352

Longitude: -92.78644

Photographer: Michael Blaha

Description: This photo was taken showing the background TDS reading of 166.3 mg/L upstream from the POE into Wolf Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010191

Orientation: NW

Date of Photo: 3/12/2024

Time of Photo: 11:21 AM

Latitude: 33.380321

Longitude: -92.786513

Photographer: Michael Blaha

Description: This photo was taken looking upstream (NW) from the TDS reading on Photo No. 8 showing stream characteristics of Wolf Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010192

Orientation: S

Date of Photo: 3/12/2024

Time of Photo: 11:21 AM

Latitude: 33.380321

Longitude: -92.786513

Photographer: Michael Blaha

Description: This photo was taken looking downstream (S) from the TDS reading on Photo No. 8 showing stream characteristics of the unnamed tributary of Wolf Creek as well as the POE on the left side of the picture.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010193

Orientation: NA

Date of Photo: 3/12/2024

Time of Photo: 11:25 AM

Latitude: 33.38026

Longitude: -92.7864

Photographer: Michael Blaha

Description: This photo was taken showing a TDS reading of 931 mg/L at the POE into Wolf Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 12

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010195

Orientation: NA

Date of Photo: 3/12/2024

Time of Photo: 11:47 AM

Latitude: 33.379716

Longitude: -92.78617

Photographer: Michael Blaha

Description: This photo was taken showing a TDS reading of 6,323 mg/L in a deep pool where Wolf Creek bends.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 13

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010197

Orientation: N

Date of Photo: 3/12/2024

Time of Photo: 2:56 PM

Latitude: 33.379716

Longitude: -92.78617

Photographer: Michael Blaha

Description: This photo was taken looking upstream (N) from the TDS reading in Photo No. 12 showing stream characteristics of Wolf Creek. The TDS reading in photo No. 11 was taken where the flowline's cross Wolf Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 14

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010198

Orientation: WSW

Date of Photo: 3/12/2024

Time of Photo: 2:56 PM

Latitude: 33.379716

Longitude: -92.78617

Photographer: Michael Blaha

Description: This photo was taken looking downstream (WSW) towards the Highway 7 bridge where the TDS reading in Photo No. 15 was taken showing the stream characteristics of Wolf Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 15

Location: 33.38142, -92.78553		
City: Smackover	County/Parish: Union	State: Arkansas



Photo File Name: R0010196

Orientation: NA

Date of Photo: 3/12/2024

Time of Photo: 11:58 AM

Latitude: 33.379742

Longitude: -92.786191

Photographer: Michael Blaha

Description: This photo was taken showing a background TDS reading of 169.3 mg/L on the E side of Highway 7 bridge.