



Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	03/12/2024	
Media Program:	Water	
Regulatory Program(s)	Clean Water Act	
Company Name:	Jerry Langley Oil Company, LLC	
Facility Name:	Bertie No. D-7 SWD	
Facility Physical Location:	Latitude: 33.33571, Longitude: -92.68856	
(city, state, zip code)	Smackover, AR, 71724	
Mailing address:	100 East 7 th Street	
(city, state, zip code)	Smackover, AR 71762	
County/Parish:	Union County	
Facility Phone Number	870-725-3042	
Facility Contact:	Jerry C. Langley jloc58@yahoo.com	
FRS Number:	NA	
Identification/Permit Number:	ARU002238	
Media Identifier Number:	NA	
NAICS:	211111	
SIC:	1311	
Personnel participating in inspection:		
Uma Lad	EPA/Region 6 ECDW	Enforcement Officer/Inspector
Kerri McCabe	EPA/Region 6 ECDW	Enforcement Officer/Inspector
Michael Blaha	EPA/Region 6 ECDW	Enforcement Officer/Inspector
EPA Lead Inspector Signature/Date		
	Uma Lad	Date
Supervisor Signature/Date		
	Jeanne Eckhart	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspectors Michael Blaha, Kerri McCabe, and I, Uma Lad, arrived at Jerry Langley Oil Company, LLC, Bertie No. D-7 SWD, located off a lease road near Tabor Road (33.33571, -92.68856) at 3:10 PM on March 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. There were no other federal, state, or local agency representatives present at the time of the inspection.

FACILITY DESCRIPTION

EPA conducted an inspection at the Jerry Langley Oil Company, LLC, Bertie No. D-7 SWD, which consists of one (1) storage tank and one (1) injection well.

Section II - OBSERVATIONS

I observed the facility sign, secondary containment, pipes, valves, and tank 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 fluid leaking from the motor connected to the injection well, see photo No. 3.

I observed a leaking, uncapped secondary containment drainage pipe. In the area below the discharge pipe, I observed oil-stained soil and oil sheen in the water, see photo No. 4.

When following the impacted flowpath from the secondary containment drainage valve, I observed oil-stained soil and vegetation, see photo No. 5 through No. 6. I observed oil sheen in standing water along the flowpath, see photo No. 7 through No. 9.

In water near the point of entry into an unnamed tributary of Smackover Creek, I observed a total dissolved solids (TDS) reading of 3,502 mg/L, see photo No. 10. This was the highest TDS field reading observed during the inspection. Further along the flowpath, I observed a TDS reading of 955 mg/L, see photo No. 11.

At the point of entry into an unnamed tributary of Smackover Creek, I observed a TDS reading of 1,308 mg/L as well as vegetation and bed and bank features, see photo No. 12 through No. 15.

I observed a “background” TDS field reading of 939 mg/L taken upstream of the point of entry at the unnamed tributary of Smackover Creek, see photo No. 16.

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

Section III – AREAS OF CONCERN

No closing conference was held due to no Jerry Langley Oil Company, LLC staff being present during the inspection. Areas of concern at the time of the inspection include the leaking motor; the leaking, uncapped secondary containment pipe; oil-stained soil, trees, and vegetation along the flowpath; oil sheen on water along the flowpath; and elevated TDS readings near and at the point of entry to the unnamed tributary of the Smackover 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 – 16 photos taken on 03/12/2024

Jerry Langley Oil Company, LLC – Bertie No. D-7 SWD / ARU002238 (CWA)
Inspection Date 03/12/2024

Appendix 1

Photograph Log

16 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010210**Orientation:** SW**Date of Photo:** 03/12/2024**Time of Photo:** 3:12 PM**Latitude:** 33.335812**Longitude:** -92.688705**Photographer:** Uma Lad**Description:** This photo was taken looking southwest and shows the facility sign.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010211**Orientation:** ESE**Date of Photo:** 03/12/2024**Time of Photo:** 3:12 PM**Latitude:** 33.335812**Longitude:** -92.688705**Photographer:** Uma Lad**Description:** This photo was taken looking east-southeast and shows an overview of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010225**Orientation:** NW**Date of Photo:** 03/12/2024**Time of Photo:** 3:12 PM**Latitude:** 33.335688**Longitude:** -92.688423**Photographer:** Uma Lad**Description:** This photo was taken looking northwest and shows fluid leaking from a motor.



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Photograph Log

Photo No. 4

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010212**Orientation:** N**Date of Photo:** 03/12/2024**Time of Photo:** 3:13 PM**Latitude:** 33.335633**Longitude:** -92.688473**Photographer:** Uma Lad**Description:** This photo was taken looking north and shows a leaking, uncapped secondary containment discharge pipe. Below the discharge pipe is oil-stained soil and water with an oil sheen.



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Photograph Log

Photo No. 5

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010213**Orientation:** SW**Date of Photo:** 03/12/2024**Time of Photo:** 3:13 PM**Latitude:** 33.335617**Longitude:** -92.688525**Photographer:** Uma Lad**Description:** This photo was taken looking southwest and shows oil-stained soil and vegetation along the impacted flowpath from the secondary containment drainage valve.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010224**Orientation:** NNW**Date of Photo:** 03/12/2024**Time of Photo:** 3:53 PM**Latitude:** 33.335407**Longitude:** -92.68838**Photographer:** Uma Lad**Description:** This photo was taken looking north-northwest and shows oil-stained vegetation along the impacted flowpath.



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Photograph Log

Photo No. 7

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010223**Orientation:** ENE**Date of Photo:** 03/12/2024**Time of Photo:** 3:51 PM**Latitude:** 33.335133**Longitude:** -92.688415**Photographer:** Uma Lad**Description:** This photo was taken looking east-northeast and shows an oil sheen along the impacted flowpath.



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Photograph Log

Photo No. 8

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010218**Orientation:** WNW**Date of Photo:** 03/12/2024**Time of Photo:** 3:46 PM**Latitude:** 33.334673**Longitude:** -92.688083**Photographer:** Uma Lad**Description:** This photo was taken looking west-northwest and shows an oil sheen along the impacted flowpath.



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Photograph Log

Photo No. 9

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010220**Orientation:** NW**Date of Photo:** 03/12/2024**Time of Photo:** 3:46 PM**Latitude:** 33.334933**Longitude:** -92.688453**Photographer:** Uma Lad**Description:** This photo was taken looking northwest and shows an oil sheen along the impacted flowpath.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010219**Orientation:** N/A**Date of Photo:** 03/12/2024**Time of Photo:** 3:46 PM**Latitude:** 33.334735**Longitude:** -92.688317**Photographer:** Uma Lad**Description:** This photo shows a TDS reading of 3,502 mg/L in water along the impacted flowpath.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010221**Orientation:** N/A**Date of Photo:** 03/12/2024**Time of Photo:** 3:48 PM**Latitude:** 33.334730**Longitude:** -92.688215**Photographer:** Uma Lad**Description:** This photo shows a TDS reading of 955 mg/L in water along the impacted flowpath.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 12

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010215**Orientation:** N/A**Date of Photo:** 03/12/2024**Time of Photo:** 3:43 PM**Latitude:** 33.334633**Longitude:** -92.688143**Photographer:** Uma Lad**Description:** This photo shows a TDS reading of 1308 mg/L at the point of entry to the unnamed tributary of Smackover Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 13

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010214**Orientation:** S**Date of Photo:** 03/12/2024**Time of Photo:** 3:23 PM**Latitude:** 33.334625**Longitude:** -92.688165**Photographer:** Uma Lad**Description:** This photo was taken looking south and shows point of entry to the unnamed tributary of Smackover Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 14

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010216**Orientation:** W**Date of Photo:** 03/12/2024**Time of Photo:** 3:53 PM**Latitude:** 33.335407**Longitude:** -92.68838**Photographer:** Uma Lad**Description:** This photo was taken looking west or upstream from the point of entry to the unnamed tributary of Smackover Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 15

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010217**Orientation:** E**Date of Photo:** 03/12/2024**Time of Photo:** 3:44 PM**Latitude:** 33.334571**Longitude:** -92.688152**Photographer:** Uma Lad**Description:** This photo was taken looking east or downstream from the point of entry to the unnamed tributary of Smackover Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 16

Location: 33.34011, -92.68934		
City: Smackover	County/Parish: Union	State: Arkansas

**Photo File Name:** R0010226**Orientation:** N/A**Date of Photo:** 03/12/2024**Time of Photo:** 3:53 PM**Latitude:** 33.33435**Longitude:** -92.688658**Photographer:** Uma Lad**Description:** This photo shows a background TDS reading of 939 mg/L, which was measured upstream to the point entry of the unnamed tributary of Smackover Creek.