

## Region 6 Compliance Assurance and Enforcement Division

### INSPECTION REPORT

|                               |                     |           |              |
|-------------------------------|---------------------|-----------|--------------|
| Inspection Date(s):           | 09/15/2015          |           |              |
| Media:                        | CWA                 |           |              |
| Regulatory Program(s)         | Brine               |           |              |
| Company Name:                 | Jamie Oil Inc.      |           |              |
| Facility Name:                | Ezzell B-2          |           |              |
| Facility Physical Location:   | 33.2339N, -92.5955  |           |              |
| (city, state, zip code)       | El Dorado, AR       |           |              |
| Mailing address:              | 954 Parker Dr.      |           |              |
| (city, state, zip code)       | El Dorado, AR 71730 |           |              |
| County/Parish:                | Union County        |           |              |
| Facility Contact:             | Jimmy Crain         | President |              |
|                               | jcrain454@yahoo.com |           |              |
| FRS Number:                   | N/A                 |           |              |
| Identification/Permit Number: |                     |           |              |
| Media Number:                 | ARU001167           |           |              |
| NAICS:                        |                     |           |              |
| SIC:                          |                     |           |              |
| Facility Representatives:     | N/A                 |           |              |
|                               |                     |           |              |
|                               |                     |           |              |
|                               |                     |           |              |
| EPA Inspectors:               | Kent W. Sanborn     | 6EN-WR    | 918-557-1615 |
|                               | N/A                 |           |              |
|                               |                     |           |              |
|                               |                     |           |              |
|                               |                     |           |              |
| EPA Lead Inspector            |                     |           |              |
| Signature/Date                | Kent W. Sanborn     |           | Date         |
| Supervisor                    |                     |           |              |
| Signature/Date                | Willie Lane, Jr.    |           | Date         |

## **Section I - INTRODUCTION**

### **PURPOSE OF THE INSPECTION**

The purpose of the inspection was to determine if the facility was in compliance with Section 301 of the Clean Water Act (CWA) and to identify and document discharges to waters of the United States. The Inspection was conducted under the authority of Section 308 of the CWA.

### **FACILITY DESCRIPTION**

The facility which is located in Union County, Arkansas consists of a central tank battery that collects produced fluids from nearby wells, along with a separate saltwater disposal battery and sump pump.

## **Section II – OBSERVATIONS**

I arrived at the facility on September 15, 2015, and noticed that brine and oil had been discharged from the secondary containment area. The facility is located at the Ezzell B-2 battery site located near El Dorado, Arkansas. Photo 1 shows the sign identifying the lease. Photo 2 is a general overview of the main battery associated with the discharge. Photos 3 and 4 show the brine facility near the main battery where the discharge occurred. Photos 5 and 6 show the drain pipe and valve used to discharge brine and oil into the nearby creek. Photo 7 shows a YSI meter reading of >80,000 parts per million Total Soluble Salts (TSS) at the discharge point. Photo 8 shows the discharge path which eventually runs into a small oil stained ditch shown in both Photos 9 and 10. Photo 11 shows the point of entry of the ditch into the creek and marsh. Photos 12, 13, and 14 show more oil and brine in the creek and marsh. Photo 15 shows a YSI meter reading of 9600 ppm TSS in the creek even after several rainfall events. Photo 16 shows the unaffected upstream portion of the creek which has a TSS of 700 ppm (Photo 17).

Point of discharge from the source: Latitude 33.2339N, Longitude -92.5955W.

Point of entry to the tributary of Salt Creek: Latitude 33.2328N, Longitude -92.5948W. TSS is 9600 ppm.

### **Section III – AREAS OF CONCERN**

It appears that brine and oil were discharged from the tank battery pit through a pipe and valve into a ditch which flows into a tributary of Salt Creek.

### **Section IV – FOLLOW UP**

None.

### **Section V – LIST OF APPENDICES**

Appendix 1— Photo Log – 17 photos taken September 15, 2015.

## APPENDIX 1---PHOTO LOG



Photo File Name: Photo 1 taken east.  
Date of Photo: 09/15/15  
Time of Photo: 2:43pm  
Photographer: Sanborn  
Description: Shows the facility sign at the tank battery.



Photo File Name: Photo 2 taken southeast.

Date of Photo: 09/15/15

Time of Photo: 2:43pm

Photographer: Sanborn

Description: Shows the main Ezzell tank battery located a few yards east of the brine facility.



Photo File Name: Photo 3 taken east.

Date of Photo: 09/15/15

Time of Photo: 2:33pm

Photographer: Sanborn

Description: The brine and oil were discharged from the pit located at this brine facility.



Photo File Name: Photo 4 taken east.

Date of Photo: 09/15/15

Time of Photo: 2:34pm

Photographer: Sanborn

Description: Shows an overview of the brine tank, pump, and pit at the facility.



Photo File Name: Photo 5 taken east.

Date of Photo: 09/15/15

Time of Photo: 2:34pm

Photographer: Sanborn

Description: Shows a drain pipe that is used to empty the oil and brine contents of the pit from the tank battery.



Photo File Name: Photo 6 taken north.

Date of Photo: 09/15/15

Time of Photo: 2:34pm

Photographer: Sanborn

Description: Shows a close-up of the pipe and valve used to drain the contents of the pit into the creek. The valve is still leaking oily brine.



Photo File Name: Photo 7 taken east.

Date of Photo: 09/15/15

Time of Photo: 2:34pm

Photographer: Sanborn

Description: Shows a YSI reading of over 80,000 ppm TSS at the discharge point from the pit shown in the previous photo.



Photo File Name: Photo 8 taken east.

Date of Photo: 09/15/15

Time of Photo: 2:34pm

Photographer: Sanborn

Description: Shows the salty discharge path from the facility to a ditch that joins the creek and marsh.



Photo File Name: Photo 9 taken south.

Date of Photo: 09/15/15

Time of Photo: 2:36pm

Photographer: Sanborn

Description: The point of entry of the oil and brine is shown here and then it continues southward to the creek. Notice the oil staining is still present.



Photo File Name: Photo 10 taken south.

Date of Photo: 09/15/15

Time of Photo: 2:36pm.

Photographer: Sanborn

Description: This is another view of the oil stained ditch near the point of entry to the creek.



Photo File Name: Photo 11 taken south.

Date of Photo: 09/15/15

Time of Photo: 2:36pm

Photographer: Sanborn

Description: Shows the actual point of entry into the creek and marsh.



Photo File Name: Photo 12 taken west.

Date of Photo: 09/15/15

Time of Photo: 2:37pm

Photographer: Sanborn

Description: Shows that oil and brine that has been discharged into the creek and marsh.



Photo File Name: Photo 13 taken west.

Date of Photo: 09/15/15

Time of Photo: 2:39pm

Photographer: Sanborn

Description: Shows a close-up of oil and brine in the creek.



Photo File Name: Photo 14 taken west.

Date of Photo: 09/15/15

Time of Photo: 2:38pm

Photographer: Sanborn

Description: Shows more oil and brine located 50 feet downstream of the entry point.



Photo File Name: Photo 15 taken west.

Date of Photo: 09/15/15

Time of Photo: 2:37pm

Photographer: Sanborn

Description: Shows a YSI meter reading of 9600 ppm TSS in the creek and marsh.



Photo File Name: Photo 16 taken north

Date of Photo: 09/15/15

Time of Photo: 3:28pm

Photographer: Sanborn

Description: Shows the unpolluted tributary of Salt Creek upstream from the discharge.



Photo File Name: Photo 17 taken north.

Date of Photo: 09/15/15

Time of Photo: 3:28pm

Photographer: Sanborn

Description: Shows a YSI meter reading TSS of 700 ppm in the unaffected portion of the creek upstream.