

Compliance Evaluation Inspection Report

Harris Oil and Propane June 2023

Submitted to:

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop St.
Denver, CO 80202



Submitted by:

Eastern Research Group.
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EPA Contract No. 68HERC21D0007
Task Order 68HERC22F0492

COMPLIANCE EVALUATION INSPECTION REPORT

Date of Report: June 29, 2023

Date and Time of Inspection: May 16, 2023 at 10:05 am CDT

Weather: Overcast, 68° Fahrenheit

Facility Contact/Owner: [REDACTED]

Owner Address: 4471 Highway 281
Belcourt, ND 58316

Facility Address: 9807 BIA Road 7 South
Belcourt, ND 58316

Facility Phone: (701) 477-8500

Facility ID Number: 3050006

Reason for Inspection: Compliance Inspection

Inspector(s): [REDACTED], ERG

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1. NARRATIVE

The Region 8 (R8) office of the Environmental Protection Agency (EPA) requested multiple facilities be inspected on tribal lands. Eastern Research Group (ERG) under EPA's Contract No. 68HERC21D0007, Task Order 68HERC22F0492, provided assistance to EPA in preparing for, conducting the inspection, and preparing this inspection report. ERG inspected the Harris Oil and Propane facility in Belcourt, North Dakota on May 16, 2023. The facility was last inspected on September 16, 2020.

Mr. Watson, contract inspector, contacted Mr. [REDACTED], to notify the facility about the inspection on April 24, 2023 prior to the inspection and e-mailed Mr. [REDACTED] a request for documents on May 1, 2023. The inspection verified compliance with the federal underground storage tank (UST) requirements of Resource Conservation and Recovery Act (RCRA) Subtitle I under 40 CFR Part 280.

Upon arrival at the facility, Mr. [REDACTED] introduced himself as a contract inspector for EPA, presented his credentials, and provided an in-brief to Mr. [REDACTED], Assistant Manager, to explain the purpose of the inspection. Mr. [REDACTED] participated in the inspection after the in-brief. Mr. [REDACTED] concluded with an exit brief to inform the facility of areas of concern identified during the inspection and had Mr. [REDACTED] sign the Notice of Inspection. Mr. [REDACTED] took photographs during the inspection.

UST System Description

The Harris Oil and Propane facility, located at 9807 BIA Road 7 South in Belcourt, ND, has two USTs. According to the previous EPA inspection report and observations made during the inspection, Tank 1 has a 10,000-gallon capacity and stores regular unleaded gasoline. Tank 2 has a 10,000-gallon capacity and stores regular unleaded gasoline. The tanks were installed in 1989 and are STI-P3 constructed USTs. The dispensing system for each of the tanks is pressurized piping with single-walled steel construction. Mr. [REDACTED] completed an EPA Region 8 UST Compliance Inspection Checklist for the USTs while on site which is included in Attachment A. Photograph #1 in Attachment B shows an overview of the UST system.

UST System Records

The listing of documents reviewed for the Harris Oil and Propane inspection included the following:

1. UST Leak Detection and Testing Records
2. UST Inventory
3. Operator Training Records
4. Financial Assurance Records
5. UST Certificate of Registration

The facility maintains records on site. Mr. [REDACTED] and Mr. [REDACTED] provided the records for the UST during the inspection.

Tank Release Detection

Releases from the tanks are detected by a Red Jacket Prolink monitoring system and associated in-tank probes that conduct automatic tank gauging (ATG) of the tanks. Attachment C contains a compilation of the ATG test results for the last 12 months showing only five passing months of records for Tank 1 and four passing months of records for Tank 2. Attachment C also contains the printout from the ATG monitoring system while on site. Photograph #9 in Attachment B shows the monitoring system interface. The monitoring system indicated all functions were normal. An annual ATG certification for the system was not provided during the inspection.

Piping Release Detection

All tanks were installed with pressurized single-walled steel piping. Mr. [REDACTED] observed electronic automatic line leak detectors (ALLDs) on both submersible turbine pumps (STPs) during the inspection. The 3.0 GPH functionality tests for the ALLDs are conducted by the Red Jacket Prolink and passing results on 04/13/2023 were provided for Tank 1 and passing results on 04/12/2023 were provided for Tank 2. Annual 0.1 gph line tightness test for both piping runs were provided for 04/01/2023. Attachment D includes the passing testing records for the ALLD functionality tests and the annual line tightness test.

Spill/Overfill Prevention

The fill pipes for the USTs have spill buckets surrounding the fill pipes. Photographs #2 and #3 in Attachment B show the fill ports for the USTs. The fill pipes contained flapper valves. The spill buckets appeared to be clean and in good condition. Mr. [REDACTED] was unable to provide hydrostatic test results for the spill buckets or functionality test results for the flapper valves.

Corrosion Protection

According to facility documentation, Tank 1 and Tank 2 are STI-P3 tanks with steel piping and were installed in 1989. Quam Petroleum Services Inc. conducted a galvanic cathodic protection system evaluation of the UST system on 04/22/2021. Attachment E contains the passing test records provided by Mr. [REDACTED] during the inspection. No other galvanic cathodic protection system evaluation was provided.

Operator Training

Mr. Harris had operator training certification records at the time of the inspection. Mr. [REDACTED] and Mr. [REDACTED] are Class A and Class B operators. Mr. [REDACTED] is a Class C operator. Training records of all personnel are provided in Attachment F.

Walkthrough Inspections

Mr. Harris provided monthly walkthrough inspection records at the time of the inspection from 01/2023 through 05/2023. Attachment G contains the completed monthly walkthrough inspection checklist.

Financial Assurance

Mr. [REDACTED] provided a Certificate of Registration that expires on 07/31/2023 showing it is part of the petroleum tank release compensation fund. Mr. [REDACTED] provided the commercial general liability declarations page of the insurance policy that would cover the deductible. The insurance policy expires on 11/15/2023. The certificate and declaration page are provided in Attachment H.

Physical Inspection

During the site visit, Mr. [REDACTED] reviewed documents on site and observed the fill ports, STPs, and one dispenser sump, and the ATG monitoring interface for the two USTs on site. Photograph #9 in Attachment B shows the interface for the Red Jacket Prolink ATG system. Attachment C includes an inventory report for the USTs. Mr. [REDACTED] also observed the spill bucket and fill pipe for the two USTs. The spill buckets for both tanks were dry and in good condition at the time of the inspection. Mr. [REDACTED] observed a flapper valve in each fill pipe. Mr. [REDACTED] also observed the STP for both USTs, which were in direct contact with the ground. Electronic ALLDs were observed on the STPs. The junction boxes with the STPs were in good condition. Access ports for ATG probes were also present for each of the tanks, and the cover for the Tank 2 ATG probe was welded closed.

There were two pump dispensers on site and one of these were opened as part of the inspection. Dispenser piping was in direct contact with the ground as shown in Photograph #10 in Attachment B. Mr. [REDACTED] did not observe signs of leaks at the time of the inspection.

No monitoring wells were observed at the tank field during the inspection. Vent lines are located on the south side of the building and no obstructions or concerns were noted for the vent lines at the time of the inspection.

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2. SUMMARY

Tank 1 has a 10,000-gallon capacity and stores regular unleaded gasoline. Tank 2 has a 10,000-gallon capacity and stores regular unleaded gasoline. Tank 1 and Tank 2 are STI-P3 tanks and were installed in 1989. Only five passing months of records for Tank 1 and four passing months of records for Tank 2 were provided for the previous 12 months. An annual certification for the ATG system was not provided during the inspection. There are two dispensers on site that operate with pressurized steel piping. Passing testing records for the ALLD functionality tests and the annual line tightness tests were provided. STPs for the tanks have electronic ALLDs and are in direct contact with the ground but no visible signs of a leak were observed. The fill pipe for each UST is equipped with a spill bucket and a flapper valve as spill and overfill prevention equipment. No hydrostatic test results for the spill buckets or functionality test results for the flapper valves were provided. A galvanic cathodic protection system evaluation of the UST system was conducted on 04/22/2021. No other galvanic cathodic protection system evaluation was provided. Mr. [REDACTED] is a Class A and Class B operator. Mr. [REDACTED] is a Class C operator. Monthly walkthrough inspection records were provided for 2023 only. The facility provided a Certificate of Registration that expires on 07/31/2023 showing it is part of the petroleum tank release compensation fund and the commercial general liability declarations page of the insurance policy that would cover the deductible. Attachment I contains the Notice of Inspection signed by Mr. [REDACTED]. Mr. [REDACTED] provided a copy to Mr. [REDACTED] and left the premises.

Inspector Signature: Joseph Watson Digitally signed by Joseph Watson
Date: 2023.06.29 23:01:38 -04'00' **Date:** 06/29/2023