



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

May 24, 2013

RE: SHELDON CALVARY CAMP  
OHIO EPA PERMIT 3PR00236  
NORTH KINGSVILLE, ASHTABULA CO.  
COMPLIANCE EVALUATION INSPECTION

Harry E. Sheldon Calvary Camp, Inc.  
315 Shady Avenue  
Pittsburgh, PA 15206

Ladies/Gentlemen:

On May 23, 2013, a site inspection was conducted at the above referenced facility at 4411 Lake Road (State Route 531), North Kingsville Village, Ashtabula County. The inspection was conducted by John Schmidt of this office. Roger Osburn of Lewis Wastewater Services and Tim Green of Harry E. Sheldon Calvary Camp, Inc. (Calvary Camp) were also present during the inspection. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the facility's National Pollutant Discharge Elimination System (NPDES) permit. The last compliance inspections were conducted on June 4, 2012.

The system consists of a an oil and grease trap for the kitchen facilities, 2,000 gallon trash trap, 4,500 gallon equalization basin, 13,000 gpd extended aeration system with clarifier, lift station, dosing chamber, 1,100 SF slow surface sand filtration, chlorine disinfection, and dechlorination. Sludge management consists of sludge removal from an aerated sludge holding tank when needed to another POTW. The facility discharges to Lake Erie adjacent to the north side of the facility. No backup power is provided to the facility, and the facility is provided with alarms. The plant is closed each fall and reopened each spring.

### **Observations**

The following observations were made during the inspection:

1. The plant is operated by Roger Osburn of Lewis Wastewater Services on a contract basis for Sheldon Calvary Camp. Tim Green also operates the system and performs routine maintenance activities. Mr. Osburn is currently listed as the Operator of Record (ORC) of this facility.
2. The plant was shut down on October 31, 2012 for the season. The plant was restarted on May 1, 2013.
3. Log books, the NPDES permit, a copy of the ORC contract, and the operation and maintenance manual are maintained at the site. The information was found compliant with OAC 3745-7-09. The plant is currently seen twice weekly by the ORC.
4. The blowers for the equalization tank were cycled and found in operational condition. The equalization tank pumps were cycled and found in operational condition. The alarms were

tested and found operational. The equalization tank was receiving sufficient aeration. Steel grating needs to be replaced. Mr. Osburn indicated that new grates have been ordered. Ohio EPA recommends that surface water draining into the plant from the east be redirected so that water does not flow into the tanks.

5. The content of the aeration tank had an earthy odor, chocolate brown color with good mixing. These are indications of a properly operating extended aeration facility. Blowers were cycled and found operational. Alarms appear in working order. Return sludge lines are skimmer lines were functional.
6. Sludge and trash were removed from the facility in October of 2012 as a part of the annual shutdown of the plant. Sludge was removed from the plant May 16, 2013. Northeast Septic hauled the sludge.
7. The surface of the clarifier was clear, with the skimmer working as designed. Effluent channels and weirs were found in acceptable condition.
8. The dosing tank pumps and alarms were cycled and found operational.
9. The sand beds were observed in acceptable condition. Discharge to the sand filters was observed as clear during the inspection and percolated freely through the beds, indicating that they were not clogged.
10. The chlorine disinfection and dechlorination systems appear operable and stocked with the appropriate chemicals.
11. The final discharge pipe at the tributary to Lake Erie was not observed due to dense vegetation in the ravine north of the waste water plant, steep slopes, and lack of flow. The discharge at the outlet of the disinfection tank was observed in acceptable condition.
12. Onsite samples are collected and analyzed by the Lewis Wastewater Management. Laboratory analysis is performed by Clean Streams, Inc., with data reported by the laboratory on the electronic discharge monitoring reports (eDMRs) on your behalf.

#### **NPDES Permit Compliance Review**

A review of the electronic discharge self-monitoring reports (eDMRs) received by Ohio EPA for the period May 1, 2012 through April 1, 2013 indicates apparent noncompliance of the terms and conditions of your NPDES permit as noted below:

#### **Effluent Limit Violations**

No violations of effluent limits were noted for the monitoring period reviewed.

#### **Reporting Code Violations**

No reporting code or reporting frequency violations were noted for the monitoring period reviewed.

#### **Compliance Schedule**

Based upon a review of Ohio EPA's files, the following is a compliance schedule summary as specified by your permit:

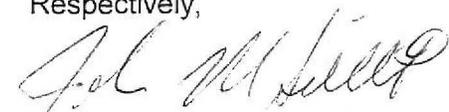
Permit Effective Date	Permit Expiration Date	Schedule Due Date	Completion Date	Event Code	Schedule Type	Schedule/Milestone
11/01/2011	10/31/2016	11/01/2012	Not Complete	95999	Other	E Coli Status Report
11/01/2011	10/31/2016	12/01/2012	Not Applicable	-----	Other	PTI for E Coli if needed
11/01/2011	10/31/2016	05/01/2013	11/01/2012	05699	Other	Achieve Final Limits E Coli

**To-date, Ohio EPA has not received a status report on the ability of the treatment system to meet effluent limits for E. Coli.** Based upon a review of the eDMR data for the time period reviewed, it appears that this facility will be able to meet the effluent limits. Please provide a status report as soon as possible.

Please inform this office, in writing, within 30 days of the date of this letter as to the actions we discussed that have been or will be taken to correct the above noncompliance or explanations if you believe the noncompliance issues noted are in error. Your response to this letter should include the dates that the actions have been or will be completed.

If you have any questions or comments regarding this inspection, please feel free to contact me at (330) 963-1175.

Respectively,



John M. Schmidt P.E., R.S.  
Environmental Engineer  
Division of Surface Water

JMS/cs

cc: Tim Green, Director, Sheldon Calvary Camp  
Dustin Lewis, Lewis Wastewater Management  
Roger Osburn, Lewis Wastewater Management

File/SP/Ashtabula/North Kingsville/Sheldon Calvary Camp (3PR00236)

