



**Environmental
Protection Agency**

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

April 2, 2012

RE: KALT MANUFACTURING CO.
PERMIT NO. 3IS00079
LORAIN COUNTY
NORTH RIDGEVILLE

Mr. Mark A. Novak
Kalt Manufacturing Co.
36700 Sugar Ridge Rd.
North Ridgeville, Ohio 44039

Dear Mr. Novak:

On March 27, 2012, an inspection of the above referenced facility's wastewater treatment system was conducted. No one was present to represent the facility. The purpose of the inspection was to evaluate the operation and maintenance of the treatment plant along with the facility's compliance status with respect to the terms and conditions of the above-referenced National Pollutant Discharge Elimination System (NPDES) permit.

During the inspection, the following items were noted:

1. The plant design of the wastewater treatment system is 5,000 gpd.
2. The NPDES permit is issued to Kalt Manufacturing Company. However, the treatment system is shared with the adjacent business, Alonod - Westlake Metal Industries.
3. Ohio EPA has on record that Mr. Daniel Wood has been the operator of record since June 30, 2011. Mr. Wood is a Class "A" licensed wastewater operator.
4. In accordance with Ohio Administrative Code 3745-7-04, the sewage treatment facility is classified as a Class A facility. The classification requires that the operator of record be physically present at the treatment works two days per week for a minimum of one hour per week.
5. Ohio operator certification rules require that a field log book be maintained at the treatment plant. The log book should document the time the operator is present at the treatment works along with maintenance duties being performed at the treatment plant.
6. Precision Analytical is contracted to perform the lab analysis.
7. The discharge from the treatment system has been averaging 1,417 gallons per day during the period April 1, 2011 through February 29, 2012. A maximum daily discharge of 3,400 gallons occurred on May 26, 2012.
8. The contents of the aeration tank were medium brown in color and no foam was present.
9. The sludge return lines were functioning properly and were returning medium brown water.
10. The skimmer return line was returning clear water.
11. Minimal floating solids and pin floc were present in the settling tank.
12. The level of the skimmer was properly adjusted. The floating solids and pin floc were being drawn into the skimmer.
13. Solids build-up was present behind the baffle in the settling tank. This material should be pumped out routinely when the trash trap is pumped.

14. Both surface sand filter beds contained minimal vegetation. However, they appeared to be well maintained.
15. The splash pad on the west bed is not properly centered underneath the discharge pipe. Currently the effluent is not being evenly distributed across the filter media. The effluent is accumulating on the corner of the filter bed adjacent to the distribution box. The splash pad should be centered underneath the distribution line and leveled.
16. The effluent in the disinfection vault was clear and the bottom of the tank was visible.
17. Please note that chlorination/ dechlorination is required from May 1st through October 31st. Both the chlorination and dechlorination dispensing tubes should be appropriately stocked during this time period.
18. The final effluent being discharged was clear and appeared to be of satisfactory visual quality. No visual impact to Ridgeway Ditch was observed.
19. A permanent marker at the outfall was posted per the requirement of Part II, Letter J of the facility's NPDES permit.

This office has recently reviewed your self-monitoring reports covering the period April 1, 2011 through February 29, 2012 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instances of noncompliance are as follows:

Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.74	4/1/2011
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	4.74	4/14/2011
001	50060	Chlorine, Total Residue	1D Conc	0.019	.21	8/10/2011
001	00300	Dissolved Oxygen	1D Conc	6.0	5.14	8/10/2011

No frequency violations were noted.

Please notify this office in writing, within 14 days receipt of this letter, of your intentions to resolve item 5 and 15. A follow-up inspection will be conducted subsequent to the completion date.

Please be advised that such instances of noncompliance may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111.

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS/cs