



**Environmental
Protection Agency**

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

February 21, 2012

RE: COLUMBIANA COUNTY
VILLAGE OF SALINEVILLE
COMPLIANCE EVALUATION INSPECTION,
NPDES PERMIT NO. 3PB00026

Village of Salineville
Attn: Mayor and Council
34 Washington Street
Salineville, OH 43945

Dear Ladies and Gentlemen:

On January 31, 2012, this writer met with Mr. Dave Berta and conducted an inspection of the operation and maintenance of the Salineville Wastewater Treatment Plant (WWTP) located on State Route 39.

The treatment system includes comminutor (with bar screen by-pass), influent pumping, aeration, clarification, chlorination/dechlorination and the final effluent discharges to the north fork of Yellow Creek. This is a very high quality stream.

The following is a summary of the inspection:

- 1) The comminutor was not in service and has not been in use for several years because it is not effective. Another issue was that the unit was damaged every time there was a flooding event in influent chamber. This unit sits well below the ground level and floods periodically during storm events. The manual by-pass bar screen is being utilized by the operators.
- 2) Screenings from the by-pass bar screen are being placed in a bucket for disposal in a landfill.
- 3) Two of the three influent pumps were operational. Both of the operational pumps were experiencing leaking from the packing. Pump number three has been out for six months. Six months is excessive for pump repairs. All three pumps must be returned to good working order.
- 4) A great deal of solids and debris are passing through to the aeration tank, clarifiers and the sludge holding tank. The Village must evaluate alternative equipment to remove these materials at the head of the system. This office understands not wasting money to continually repair the comminutor; however, an alternative form of pretreatment must be installed.

Should you have any comments or questions, feel free to contact me at (330) 963-1193.

Respectfully,



Joseph E. Trocchio, P.E.
Environmental Engineer
Division of Surface Water

JET/cs

cc: Salineville Village Council
Mrs. Kelly Berta, WWTP Operator

ec: Chris Moody, Ohio EPA, DSW, NEDO
Dean Stoll, Ohio EPA, DSW Enforcement Coordinator, NEDO

File: Public/Permit Compliance/City of Salineville

Village of Salineville effluent violations: March 2011 through January 2012

| Permit No | Reporting Period | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|-------------|------------------|-------------------------|------------|-------|----------------|----------------|
| 3PB00026*ED | March 2011 | Nitrogen, Ammonia (NH3) | 30D Conc | 6.2 | 6.958 | 3/1/2011 |
| 3PB00026*ED | March 2011 | Nitrogen, Ammonia (NH3) | 7D Conc | 12.5 | 13.8 | 3/22/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 6.4 | 7/6/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 5.7 | 7/7/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 5.8 | 7/8/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 4.8 | 7/11/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 6.1 | 7/12/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 6.4 | 7/13/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 6.1 | 7/14/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 5.2 | 7/18/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 6. | 7/22/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 6. | 7/25/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 6. | 7/26/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 6.3 | 7/27/2011 |
| 3PB00026*ED | July 2011 | pH | 1D Conc | 6.5 | 6.2 | 7/28/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 6.1 | 8/1/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 6. | 8/2/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 5.9 | 8/4/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 5.8 | 8/5/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 6.4 | 8/8/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 6.1 | 8/9/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 5.9 | 8/10/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 5.9 | 8/11/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 6.4 | 8/15/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 6.4 | 8/16/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 6.2 | 8/17/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 6. | 8/18/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 6. | 8/19/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 5.8 | 8/22/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 5.8 | 8/23/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 5.8 | 8/25/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 5.8 | 8/26/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 5.5 | 8/29/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 6.1 | 8/30/2011 |
| 3PB00026*ED | August 2011 | pH | 1D Conc | 6.5 | 5.5 | 8/31/2011 |
| 3PB00026*ED | September 2011 | pH | 1D Conc | 6.5 | 5.3 | 9/1/2011 |
| 3PB00026*ED | September 2011 | pH | 1D Conc | 6.5 | 5.2 | 9/2/2011 |
| 3PB00026*ED | September 2011 | pH | 1D Conc | 6.5 | 4.9 | 9/7/2011 |
| 3PB00026*ED | September 2011 | pH | 1D Conc | 6.5 | 6.3 | 9/8/2011 |
| 3PB00026*ED | September 2011 | pH | 1D Conc | 6.5 | 5.1 | 9/9/2011 |
| 3PB00026*ED | September 2011 | pH | 1D Conc | 6.5 | 6.4 | 9/12/2011 |
| 3PB00026*ED | September 2011 | pH | 1D Conc | 6.5 | 5.5 | 9/13/2011 |
| 3PB00026*ED | October 2011 | pH | 1D Conc | 6.5 | 6.4 | 10/7/2011 |

Village of Salineville effluent violations: March 2011 through January 2012

| Permit No | Reporting Period | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|-------------|------------------|------------------------|------------|-------|----------------|----------------|
| 3PB00026*ED | October 2011 | pH | 1D Conc | 6.5 | 6.4 | 10/25/2011 |
| 3PB00026*ED | November 2011 | Total Suspended Solids | 30D Conc | 30 | 35.73 | 11/1/2011 |
| 3PB00026*ED | November 2011 | pH | 1D Conc | 6.5 | 6.4 | 11/1/2011 |
| 3PB00026*ED | November 2011 | pH | 1D Conc | 6.5 | 6.4 | 11/4/2011 |
| 3PB00026*ED | November 2011 | pH | 1D Conc | 6.5 | 6.4 | 11/7/2011 |
| 3PB00026*ED | November 2011 | pH | 1D Conc | 6.5 | 6.4 | 11/8/2011 |
| 3PB00026*ED | November 2011 | pH | 1D Conc | 6.5 | 6.3 | 11/9/2011 |
| 3PB00026*ED | November 2011 | pH | 1D Conc | 6.5 | 6.3 | 11/10/2011 |
| 3PB00026*ED | November 2011 | pH | 1D Conc | 6.5 | 6.1 | 11/14/2011 |
| 3PB00026*ED | December 2011 | pH | 1D Conc | 6.5 | 6.4 | 12/12/2011 |
| 3PB00026*ED | December 2011 | pH | 1D Conc | 6.5 | 6.3 | 12/13/2011 |
| 3PB00026*ED | December 2011 | pH | 1D Conc | 6.5 | 6.4 | 12/14/2011 |
| 3PB00026*ED | December 2011 | pH | 1D Conc | 6.5 | 6.1 | 12/19/2011 |
| 3PB00026*ED | December 2011 | pH | 1D Conc | 6.5 | 5.9 | 12/20/2011 |
| 3PB00026*ED | January 2012 | Total Suspended Solids | 30D Conc | 30 | 38.4 | 1/1/2012 |
| 3PB00026*ED | January 2012 | pH | 1D Conc | 6.5 | 6.2 | 1/5/2012 |
| 3PB00026*ED | January 2012 | pH | 1D Conc | 6.5 | 6. | 1/9/2012 |
| 3PB00026*ED | January 2012 | pH | 1D Conc | 6.5 | 5.9 | 1/10/2012 |
| 3PB00026*ED | January 2012 | pH | 1D Conc | 6.5 | 5.9 | 1/12/2012 |
| 3PB00026*ED | January 2012 | pH | 1D Conc | 6.5 | 6.1 | 1/13/2012 |
| 3PB00026*ED | January 2012 | Total Suspended Solids | 7D Conc | 45 | 113. | 1/22/2012 |
| 3PB00026*ED | January 2012 | Total Suspended Solids | 7D Qty | 34.1 | 77.1231 | 1/22/2012 |