



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

October 22, 2012

RE: WAYNE COUNTY
ORRVILLE POWER PLANT
NPDES NO: 31B00017

Mr. Paul Skidmore
Orrville Utilities
P.O. Box 107
1100 Perry Street
Orrville, Ohio 44667

Dear Mr. Brediger:

On August 21, 2012, this writer conducted an inspection of the industrial operations at the above address. You represented the facility during the inspection. The intent of the inspection was to gather information required to process the National Pollutant Discharge Elimination System Permit (NPDES) modification as requested by the facility. The following is a summary of the inspection and compliance history.

According to Agency records, the Orrville Municipal Power Plant produces 72 Mega Watts of electricity to a service area of approximately 125 square miles. The power plant uses coal to fire the boilers at a rate of approximately 200,000 tons/year. The facility utilizes seven cooling towers and the cooling water used is supplied by one groundwater well, city potable water from the power plant treatment system and the city wastewater treatment plant (WWTP) effluent.

All of the wastewater on the site (except the cooling tower blowdown) is collected and treated at the WWTP located on site. The wastewater treatment system has a 100 gpm average design flow and 150 gpm peak design flow. The treatment plant discharges to the Orrville sanitary sewer.

The cooling tower blowdown is discharged via outfall 006 of your NPDES permit. Additionally, the Orrville Municipal Power Plant has a storm water pollution prevention plan. This plan addresses the five storm water outfalls discharging to the unnamed tributary of Little Chippewa Creek.

A summary of the Orrville Municipal Power Plant's discharge violations for outfall 006 for the time period July 1, 2009 to September 1, 2012 are shown below:

Permit No	Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
31B00017*DD	November 2009	906	Water Temperature	30D Conc	16.7	20.75	11/1/2009
31B00017*DD	November 2009	906	Water Temperature	1D Conc	19.4	22.	11/3/2009
31B00017*DD	November 2009	906	Water Temperature	1D Conc	19.4	21.	11/10/2009
31B00017*DD	November 2009	906	Water Temperature	1D Conc	19.4	20.	11/17/2009
31B00017*DD	November 2009	906	Water Temperature	1D Conc	19.4	20.	11/24/2009
31B00017*ED	April 2010	906	Water Temperature	30D Conc	16.7	21.	4/1/2010
31B00017*ED	April 2010	906	Water Temperature	1D Conc	19.4	22.	4/6/2010
31B00017*ED	April 2010	906	Water Temperature	1D Conc	19.4	23.	4/13/2010

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CITY OF ORRVILLE
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3IB00017*ED	April 2010	906	Water Temperature	1D Conc	19.4	20.	4/20/2010
3IB00017*ED	November 2010	906	Water Temperature	30D Conc	16.7	20.75	11/1/2010
3IB00017*ED	November 2010	906	Water Temperature	1D Conc	19.4	21.	11/9/2010
3IB00017*ED	November 2010	906	Water Temperature	1D Conc	19.4	22.	11/16/2010
3IB00017*ED	November 2010	906	Water Temperature	1D Conc	19.4	21.	11/23/2010
3IB00017*ED	November 2011	906	Water Temperature	30D Conc	16.7	18.	11/1/2011
3IB00017*ED	April 2012	906	Water Temperature	30D Conc	16.7	17.5	4/1/2012

Overall, the results of the inspection were satisfactory. Should you have any comments or questions regarding this letter, please contact this office at (330)963-1255.

Respectfully,



Todd Surrena
Engineering Geologist
Division of Surface Water

TMS/cs

File: Industrial Permit/Compliance/Orrville Municipal Power Plant