



**Environmental  
Protection Agency**

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

March 2, 2012

RE: ROAMING SHORES VILLAGE WWTP  
ROAMING SHORES, ASHTABULA CO.  
OHIO EPA PERMIT 3PB00068  
COMPLIANCE INSPECTION EVALUATION

Mr. Kevin Grippi, Village Administrator  
Village of Roaming Shores  
2500 Hayford Road  
Roaming Shores, OH 44084

Dear Mr. Grippi:

On March 1, 2012, a site inspection was conducted at the above referenced facility at 2565 Rome Rock Creek Road, Roaming Shores Village, Ashtabula County. The inspection was conducted by John Schmidt of this office. You represented the Village of Roaming Shores on the inspection, and Mr. Mark Venzella of the Ashtabula County Department of Environmental Services (ACDES) accompanied us on 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 inspection was conducted on March 10, 2011.

The system consists of screening and grit removal, comminutor, lift station, equalization basin, aeration tanks, clarification, sand filtration, UV disinfection, and post disinfection aeration. Sludge management consists of aerobic digestion and settling tanks, dewatering with a bio-bag, polymer added to aid dewatering, with sludge removed for off-site disposal in a solid waste disposal facility. The facility discharges to Rock Creek just below the Lake Roaming Rock dam to the northeast side of the facility. Generators provide backup power to the entire facility.

**Observations and Notations**

Following are observations and notations made during the inspection:

1. The Village of Roaming Shores retained its own wastewater treatment plant (WWTP) operator, Mr. Virimala commencing on December 21, 2009. ACDES provides backup and assistance in the event that Mr. Virimala is away from the facility through June 2010. Both Mr. Virimala and ACDES personnel are listed as operators of record for this facility. Per my discussions with Mr. Virimala and Mr. Verzella, Ashtabula DES personnel should be removed as operators of record for this facility. Ohio EPA understands that Chris Tadson has been added an operator to this facility. Please submit an updated operator

of record (ORC) form removing Ashtabula DES personal and adding Mr. Tadson as operators of record for this facility, and provide Ohio EPA, North East District Office (NEDO) a courtesy copy when sending the ORC form to Ohio EPA Central Office.

2. Logbooks were inspected and found compliance with OAC 3745-7-09. Although both operators are full-time employees, operator starting and ending times must be noted in the log to document minimum staffing requirements are met.
3. The overall condition of the treatment plant during this inspection was satisfactory with the plant well kept. Screenings and grit was containerized for disposal at a solid waste landfill.
4. The influent and effluent samplers are maintained at the proper temperature and each collects a flow proportional sample. Flow meters were last calibrated on September 21, 2011.
5. The 100,000-gallon equalization basin was not in use at the time of the inspection.
6. The content of the aeration tank had good color and mixing. Sludge returns were a chocolate brown color, with minimal foaming. Aeration tanks 3 and 4 have needed seeding from time to time.
7. The surface of the clarifiers were clear, with some pin floc noted in Tanks No.3 and No. 4. Effluent troughs and weirs were clean and there was no scum around the effluent baffles or troughs.
8. The sand filters were reasonably clean. The effluent discharged to the sand filters during the inspection was clear and free of color and turbidity. The filters were skimmed and additional sand placed in the units in the summer of 2011. The wastewater percolated freely through the sand indicating that the beds were not clogged. Roaming shores has the ability to bypass the filters during periods of high hydraulic loading.
9. Sludge tanks were in acceptable condition. Mr. Virmala indicated that Tank No. 3 was sanded, repainted, and resealed with diffusers replaced in July-August 2011. Tank No. 4 and No.5 are scheduled to be refurbished in the summer of 2012.
10. The final effluent discharge from the former chlorine contact tank to Rock Creek was inspected and found to be of an acceptable visual quality. The actual outfall at Rock Creek could not be inspected to muddy side slopes.
11. The Roaming Shores WWTP laboratory performs monitoring of pH, temperature, and dissolved oxygen. pH meters are calibrated weekly, and the Do probe is calibrated prior to each use. Roaming Shores contracted with Microbac Laboratories of Meadville, PA for remaining parameters through April 2011, and has contracted with North Coast Laboratories of Streetsboro, OH since May 2011.

**NPDES Permit Compliance Review**

A review of the electronic discharge self-monitoring reports (eDMRs) received by Ohio EPA for the period February 1, 2011 through February 1, 2012 indicates apparent noncompliance of the terms and conditions of your NPDES permit. Specific instances of noncompliance are as follows:

**Limit Violations**

The following limit violations were noted:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00400	pH	1D Conc	6.5	6.4	2/28/2011

A review of Ohio EPA's files finds no explanation as to why these violations occurred. During the visit, the event was related to high hydraulic loading due to a thunderstorm over two feet of snowpack. No further information is needed to respond to the violation.

**Reporting Violations**

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

**Compliance Schedule**

Regarding the compliance schedule, Ohio EPA notes the following:

Permit Effective Date	Permit Expiration Date	Schedule Due Date	Completion Date	Event Code	Schedule Type	Schedule Milestone
3/1/2011	2/29/2016	3/1/2012	2/13/2012	95999	Other	E. Coli Status Report
3/1/2011	2/29/2016	6/1/2012	2/13/2012	-----	Other	Submit PTI if Needed E Coli
3/1/2011	2/29/2016	3/1/2013	2/13/2012	05699	Other	Achieve Final Limits E Coli
3/1/2011	2/29/2016	3/1/2012	NA	-----	Other	Letter No Change Needed Hg
3/1/2011	2/29/2016	3/1/2012	2/22/2012	-----	Other	Submit PTI if Needed Hg
3/1/2011	2/29/2016	3/1/2012	2/22/2012	-----	Other	Apply for Hg Variance if Needed
3/1/2011	2/29/2016	3/1/2012	NA	-----	Other	Individual Hg Variance if Needed
3/1/2011	2/29/2016	9/1/2011	2/13/2012	01299	Other	General Plan for Copper
3/1/2011	2/29/2016	9/1/2011	2/13/2012	-----	Other	Submit PTI if Needed Cu
3/1/2011	2/29/2016	Varies	2/13/2012	-----	Construction	Commence Construction Cu
3/1/2011	2/29/2016	3/1/2013	2/13/2012	05699	Other	Achieve Final Limits Cu

As milestones have been completed within the prescribed timeframes, no further information is needed at this time. Ohio EPA notes that your mercury variance request is pending with the agency and a public hearing will be scheduled in the near future.

**Comments**

The Village is reminded that the annual sanitary sewer overflow (SSO) report is due in this office no later than March 31, 2012.

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MARCH 2, 2012  
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If you have any questions or comments regarding this notification, please feel free to contact me at (330) 963-1175.

Respectively,

A handwritten signature in black ink, appearing to read "John M. Schmidt". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

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

JMS/cs

cc: Victor Virmala, Superintendent of Utilities, Village of Roaming Shores  
Mark Verzella, Ashtabula County Department of Environmental Services

File: Municipal/Roaming Shores Village WWTP (Ashtabula Co.)/PC