



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

March 5, 2013

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 February 28, 2013, 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 1, 2012.

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 operators or record for this facility are listed as Victor Virmala and Christopher Tadsen of Roaming Shores. Alex Phillips also works at the plant.
2. Log books, contract, a copy of the NPDES permit, and the operation and maintenance manual are maintained at the site and were available for inspection. The information maintained at the site was generally found compliant with OAC 3745-7-0; however, operators must provide starting and ending times 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. Comminutors and bar screens are satisfactory. 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 in September 2012.
5. The 100,000-gallon equalization basin 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. Mr. Virimala noted that aeration tanks 3 and 4 have required seeding from time to time.
7. The surface of each clarifier was clear. 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. Virimala indicated that Tank No. 3 was refurbished in 2011, and Tank Nos. 4 and 5 were refurbished in 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 contracts with North Coast Laboratories of Streetsboro. eDMRs are pinned by Mr. Virimala.

NPDES Permit Compliance Review

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

Limit Violations

The following limit violations were noted for the compliance period reviewed:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	80082	CBOD 5 day	30D Conc	7.5	8.375	9/1/2012
001	80082	CBOD 5 day	7D Conc	9.0	13.	9/1/2012
001	80082	CBOD 5 day	7D Conc	9.0	11.	9/15/2012

Roaming Shores notified Ohio EPA on October 12, 2012 with an explanation of what occurred, along with corrective measures taken. No additional information is needed to respond to the violations.

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.

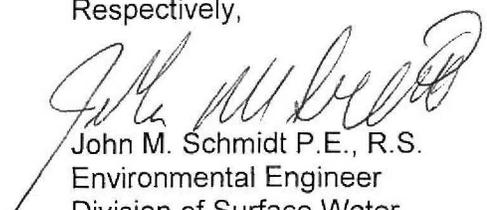
Comments

The Village is reminded that the annual sanitary sewer overflow (SSO) report is due in this office no later than March 31, 2013.

During the visit, Mr. Virimala inquired if a PTI is required to construct a pole building around the sludge storage pad. As long as the resulting construction will not change the dimensions of the storage pad, no PTI is required.

If you have any questions or comments regarding this notification, 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: Victor Virimala, Superintendent of Utilities, Village of Roaming Shores

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