



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

November 9, 2012

Mr. Mark Shappie
Village of Russia
PO Box 361
Russia, OH 45363

RE: Village of Russia - Waste Water Treatment Inspection

Dear Mr. Shappie:

On October 22nd, I met with you and Mr. Rick Simon at the Village's wastewater treatment facility where we discussed sampling procedures and sampling records and observed the general condition of the lagoons and discharge point. I appreciate you accommodating me at the end of your day after our meeting with Performance Powder Coating.

The lagoons and associated aerators appeared to be in good condition as was the discharge monitoring station. There was no discharge from the controlled discharge lagoon system. A review of your discharge monitoring reports revealed that the last reported effluent limit violations were for TSS and CBOD₅ in March and April 2010. You assigned the cause for these violations to an algae bloom and indicated that you planned to discontinue aeration/mixing prior to discharge. Without any reported violations since that time, these violations are resolved.

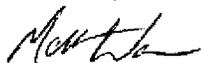
Please address the following findings from my inspection:

1. To document your compliance monitoring activities, it is necessary to begin using a chain of custody sheet for samples sent to Shelby County Sewer District's laboratory for analysis.
2. Chain of custody sheets need to show the date and time samples are collected, relinquished and accepted. This tracking should include transfers within the lab (e.g. the sample is received at the lab for storage and then received by the lab analyst when they run their analysis of the sample).

3. Composite samples comprised of three grabs need to be documented on the chain of custody by listing the time each grab sample is collected during the composite period.
4. Proper sample preservation is required during the collection of the composite sample and during transport to the analytical laboratory. For the parameters you are required to analyze, this necessitates refrigeration to $<6^{\circ}\text{C}$. This is accomplished best by using ice. Please ensure future samples are properly preserved during collection and transport and documented on the chain of custody sheet.
5. As is provided by Brookside Labs, analytical results from Shelby County Sewer District's laboratory needs to be presented in a report format indicating the sample identification, sample date, the result, the date analysis was performed, the method detection limit and the name (or other appropriate identifier) of the person who ran the analysis. The report should be signed by someone who has oversight of the laboratory. This report, along with the chain of custody, should then be kept with your records to support the results reported on your DMR.
6. Although a gate at the road would certainly not keep someone from accessing the lagoon area if they really wanted to since there is no security fencing around the site, I believe a gate would keep unauthorized vehicles out. Please consider providing a gate and sign prior to the creek crossing.

Please provide me a written response to these findings by November 30th. If you have any questions concerning this letter, please call me at (937) 285-6095.

Sincerely,



Matt Walbridge
Environmental Specialist 2
Division of Surface Water

MW/tb

Enclosure



Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding

Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PS00012*ED	OH0115444	10-22-12	C	S	1

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Russia WWTP 551 East Main Street (no mail service) Russia, Ohio 45363	1400	2-1-10
	Exit Time	Permit Expiration Date
	1530	1-31-15
Name(s) and Title(s) of On-Site Representatives	Phone Number	
Mark Shappie – Operator	937-638-1602 (cell)	
Name and Address of Operator of Record	Phone Number	
Mark Shappie Village of Russia PO Box 361 Russia, OH 45363	937-638-1602 (cell)	
Name, Address and Title of Responsible Official	Phone Number	
Rick Simon Village Administrator PO Box 361 Russia, OH 45363	(937) 526-4436 administrator@russiaoh.com	

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	S	Flow Measurement	NA	Pretreatment
S	Records/Reports	S	Laboratory	NA	Compliance Schedule
S	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
S	Facility Site Review	NA	Sludge Storage/Disposal		Other
N	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)

- **There was a significant amount of grit in the bottom of the influent channel.**
- **There isn't a chain of custody for samples taken to Shelby County Sewer District for analysis. Samples are delivered to the lab by Russia on the day they are collected. Analytes include CBOD, TSS, NH3, P.**
- **A chain of custody is used for samples delivered to Brookside (fecals, alkalinity)**
- **The time that each portion of the manual composite is collected needs to be recorded – this could be done on the chain of custody sheet.**
- **The date samples are relinquished are listed on the chain of custody sheets, but the time needs to also be included.**
- **Composite samples need to be kept at <6°C during the compositing and during delivery to the lab. Since there is no refrigerator at the plant, a good cooler with ice could be used.**
- **The county needs to provide an analytical report to the village and the report needs to list the analytical method and detection limit.**

Inspector	Reviewer
 Date: 11-13-12	 Date: 11/13/12
Matt Walbridge Division of Surface Water Southwest District Office	Martyn Burt Environmental Supervisor Division of Surface Water Southwest District Office