



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

Re: **Notice of Violation**
Ney WTP
NPDES Permit 2IV00112/OH0130141
Compliance Evaluation Inspection
Defiance County

June 14, 2013

The Honorable Tom Vance
Mayor of the Village of Ney
P.O. Box 237
Ney, Ohio 43549

Dear Mayor Vance:

On March 28, 2013, a Compliance Evaluation Inspection (CEI) was conducted at the Ney Water Treatment Plant (WTP). Present for the inspection were Mr. Neil Pry, IFM, Mr. Herb Mack, Village of Ney, and myself of the Ohio EPA, Northwest District Office, Division of Surface Water.

The purpose of the inspection was to evaluate compliance with the terms and conditions of your National Pollutant Discharge Elimination System (NPDES) permit and to evaluate the operation and maintenance of the plant.

We are in receipt of your self-monitoring reports covering the months of March 2012 to May 2013 for the referenced facility. Our review indicates violations of the conditions of your NPDES permit. The specific instances of non-compliance are enclosed. When entering eDMR data substitution codes, such as AH, you must enter a note in eDMR justifying the use of the code. Failure to document appropriate codes with descriptive comments may result in a notice of violation.

During a past inspection on May 2, 2012, I observed that two piles of spent sand from the sand filter remained on the site. The two piles were approximately 12 feet wide and 3.5 feet high. During this inspection, I verified that these two piles had been disposed of at a permitted landfill.

We remind you that your NPDES permit requires that you submit a Permit to Install (PTI) application by July 2013 to address issues with the sand filter and to make improvements in the wastewater treatment system to eliminate the high chlorine residual concentrations, which are present in your wastewater due to backwashing of your sand filters with treated chlorinated water.

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In addition, Mr. Pry has proposed that the sand filter piping be modified to more evenly distribute the wastewater across the surface of the sand filter and thus prevent short circuiting.

During this inspection, Mr. Pry noted that the pipe from the sand filter has been replaced to ensure that no groundwater infiltration is present, which could change the characteristics of the sample take at the end of the discharging pipe.

If you have any questions or comments concerning the enclosed inspection report, please contact me at 419-373-3067 or e-mail at Dana.Martin-Hayden@epa.ohio.gov.

Sincerely,



Dana Martin-Hayden
Environmental Specialist II
Compliance and Enforcement Unit
Division of Surface Water
Northwest District Office

/jlm

Enclosures

ec: Dana Martin-Hayden
Tracking

Compliance Data for Ney WTP between 1/1/2008 to 3/1/2013

Summary

Permit Effluent Limit Violations: 4
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: * 0
 Compliance Schedule Violations: 0

| Limit Violations | | | | | | |
|------------------|---------|------------------------|------------|-------|----------------|----------------|
| Reporting Period | Station | Parameter | Limit Type | Limit | Reported Value | Violation Date |
| April 2012 | 001 | Total Suspended Solids | 30D Conc | 30 | 30.5 | 4/1/2012 |
| October 2012 | 001 | Total Suspended Solids | 30D Conc | 30.0 | 61. | 10/1/2012 |
| October 2012 | 001 | Iron, Suspended (Fe) | 30D Conc | 1000 | 1100. | 10/1/2012 |
| October 2012 | 001 | Total Suspended Solids | 1D Conc | 45.0 | 61. | 10/26/2012 |

NPDES Compliance Inspection Report

| SECTION A: NATIONAL DATA SYSTEM CODING | | | | |
|--|------------|-----------------|---------------------|----------------------------|
| Permit # | NPDES # | Inspection Type | Inspector | Facility Type |
| 2IV00112 | OH0130141 | CEI | S | 2 |
| Inspection Date | Entry Time | Exit Time | Notice of Violation | Significant Non-Compliance |
| 3/28/2013 | 12:00 | 1:00 | No | No |

| SECTION B: FACILITY DATA | |
|---|------------------------|
| Name and Location of Facility Inspected | Permit Effective Date |
| Ney WTP Ney-Williams Center Road Ney, Defiance County | 7/1/2012 |
| | Permit Expiration Date |
| | 6/30/2017 |
| Name(s) and Title(s) of On-Site Representatives | Phone Numbers |
| Neil Pry, IFM Herb Mack, Village of Hicksville | (419)748-7438 |
| Name and Title of Responsible Official | Phone Number |
| Tom Vance, Mayor | (419) 658-4027 |

| SECTION C: AREAS EVALUATED DURING INSPECTION | | |
|--|--------------------------|--|
| Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated | | |
| S | NPDES Compliance | |
| S | Operations & Maintenance | |
| S | Facility Site Review | |
| N | Collection System | |
| N | Flow Measurement | |
| S | Receiving Waters | |
| N | Laboratory | |

Comments:

| Signatures | |
|---|--|
|  6/12/13 |  6/13/13 |
| Dana Martin-Hayden, Inspector Compliance & Enforcement Division of Surface Water Northwest District Office | Thomas Poffenberger, P.E., Reviewer Compliance & Enforcement Supervisor Division of Surface Water Northwest District Office |

SECTION D: PERMIT VERIFICATION

- (a) Correct name and mailing address of permittee Y
- (b) Correct name and location of receiving waters Y
- (c) Products and production rates conform with permit application Y
- (d) Flows and loadings conform with NPDES permit Y
- (e) Treatment processes are as described in permit application Y
- (f) New treatment process added since last inspection N
- (g) Notification given to State of new, different or increased discharges NA
- (h) All discharges are permitted Y
- (i) Number and location of discharge points are as described in permit Y

Comments:

SECTION E: COMPLIANCE

- (a) Any significant violations since the last inspection Y
- (b) Permittee is taking actions to resolve violations Y
- (c) Permittee has a compliance schedule Y
- (d) Permittee is meeting compliance schedule Y

Comments:

SECTION F: OPERATION AND MAINTENANCE

- (a) Standby power available NE
If yes, what type?
- (b) Adequate alarm system available for power or equipment failures NE
- (c) All treatment units in service other than backup units Y
- (d) Wastewater Treatment Works classification NA
- (e) Operator of Record holds unexpired license of class required by Permit .. NA
Class held:
- (f) Copy of certificate of Operator of Record displayed on-site NA
- (g) Minimum operator staffing requirements fulfilled NA
- (h) Routine and preventative maintenance scheduled and performed Y
- (i) Any major equipment breakdown since last inspection N
- (j) Operation and maintenance manual provided and maintained Y
- (k) Any plant bypasses since last inspection N
- (l) Regulatory agency notified of bypasses NA
By MOR and/or Spill Hotline (1-800-282-9378)
- (m) Any hydraulic or organic overloads since last inspection N

Comments:

SECTION G: RECORD KEEPING

- a) Log book provided..... NA
- b) Format of log book (i.e. computer log, hard bound book)
- c) Log book(s) kept onsite in an area protected from weather..... NA
- d) Log book contains the following:
 - i) Identification of treatment works..... NA
 - ii) Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7 NA
 - iii) Daily record of operation and maintenance activities (including preventative maintenance, repairs and request for repairs) NA
 - iv) Laboratory results (unless documented on bench sheets) NA
 - v) Identification of person making log entries NA
- e) Has the Operator of Record submitted written notification to the permittee, Ohio EPA and any applicable local environmental agencies when a collection system overflow, treatment plant bypass or effluent limit violation has occurred?.... NA

Comments:

SECTION H: COLLECTION SYSTEM

- a) Percent combined system: 0%
- b) Any collection system overflows since last inspection..... NA
 CSO SSO
- c) Regulatory agency notified of overflows NA
- d) CSO O&M plan provided and implemented..... NA
- e) CSOs monitored and reported in accordance with permit..... NA
- f) Portable pumps are used to relieve system..... NA
- g) Lift station alarms provided and maintained NA
- h) Lift stations equipped with permanent standby power or equivalent NA
- i) Is there an inflow/infiltration problem (separate sewer system), or were there any major repairs to collection system since last inspection..... NA
- j) Any complaints received since last inspection of basement flooding NA
- k) Are any portions of the sewer system at or near capacity NA
- l) Are operations changed during high-flow events?..... NA

Comments:

SECTION I: SLUDGE MANAGEMENT

- a) Sludge management plan (SMP) last audited by Ohio EPA:
Audit Date:
- b) Sludge adequately disposed NA
Method:
- c) If sludge is incinerated, where is ash disposed of NA
- d) Is sludge disposal contracted NA
Name:
- e) Has amount of sludge generated changed significantly NA
- f) Adequate sludge storage provided at plant NA
- g) Records kept in accordance with State and Federal law NA
- h) Any complaints received last year regarding sludge NA
- i) Is sludge adequately processed (digestion, pathogen control) NA

Comments:

SECTION J: SELF-MONITORING PROGRAM

- a) Primary flow measuring device operated and maintained NA
Type of device: Estimated Device location: Treatment system run time
- b) Calibration frequency adequate
Date of last calibration:
- c) Secondary instruments operated and maintained NA
- d) Flow measurements equipment adequate to handle full range of flows NA
- e) Actual flow discharged is measured N
- f) Flow measuring equipment inspection frequency _____ NA
- g) Sampling location(s) are as specified by permit Y
- h) Parameters and sampling frequency agree with permit Y
- i) Monitoring records (i.e., flow, pH, DO) maintained for a minimum of three years including all original strip chart recordings (i.e. continuous monitoring instrumentation, calibration and maintenance records) Y

Comments: a) consistent time to backwash and therefore the backwash water is estimated

SECTION K: Laboratory

- a) EPA applicable analytical testing procedures used (40 CFR 136.3) Y
- b) If alternate procedures are used, are they properly approved? NA
- c) Analysis performed more frequency Y
If yes, are results recorded in permittee's report? Y
- d) Commercial laboratory used:

Name: IFM

Parameters analyzed: pH, Filterable solids

- e) Quality assurance manual provided and maintained..... NA
- f) Calibration and maintenance of instruments is satisfactory?..... NA
- g) Results of last U.S. EPA quality assurance..... NE

Date:

Comments:

SECTION L: EFFLUENT/RECEIVING WATER OBSERVATIONS

| Outfall Number | Outfall sign in place | Oil Sheen | Grease | Turbidity | Foam | Solids | Color | Other |
|----------------|-----------------------|-----------|--------|-----------|------|--------|-------|-------|
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |

Comments: no discharge was observed during the time of the inspection. The stream did not appear to be adversely impacted by the discharge from the sand filter wastewater treatment system.

SECTION M: MULTIMEDIA OBSERVATIONS

- a) Are there indications of sloppy housekeeping or poor maintenance in work and storage areas or laboratories.....
- b) Do you notice staining or discoloration of soils, pavement or floors
- c) Do you notice distressed (unhealthy, discolored, dead) vegetation.....
- d) Do you see unidentified dark smoke or dust clouds coming from sources other than smokestacks.....
- e) Do you notice any unusual odors or strong chemical smells.....
- f) Do you see any open or unmarked drums, unsecured liquids, or damaged containment facilities

If any of the above are observed, ask the following questions:

- 1) What is the cause of the condition?
- 2) Is the observed condition or source a waste product?
- 3) Where is the suspected contaminant normally disposed?
- 4) Is this disposal permitted?
- 5) How long has the condition existed and when did it begin?

Comments: