



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

July 16, 2012

RE: GENEVA SCHOOLS, CORK ELEMENTARY
NPDES PERMIT NO. 3PT00136
HARPERSFIELD TWP, ASHTABULA COUNTY
COMPLIANCE INSPECTION EVALUATION

Mary Zappitelli, Superintendent
Geneva Area City School District
135 South Eagle Street
Geneva, OH 44041

Dear Ms. Zappitelli:

On June 12, 2012, a site inspection was conducted at the above referenced facility at 341 State Route 534, Harpersfield Township, Ashtabula County. The inspection was conducted by John Schmidt of this office. Gary Hydinger represented the City of Geneva, contract operator to Geneva Area City School District (GACSD). 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 inspection was conducted on April 26, 2012.

The system consists of a pump station aerated flow equalization tank, a 5,700 gpd extended aeration system consisting of extended aeration tanks, clarification, and surface sand filtration, ultraviolet disinfection, and post-aeration. Sludge management consists of sludge removal from an aerated sludge tank when needed to another publicly owned treatment works (POTW). The facility discharges to an unnamed tributary to Bronson Creek adjacent to the west and north side of the facility. No backup power is provided to the facility, but the facility is provided with alarms.

Observations

Following are observations made during the inspection:

1. The design flow of the extended aeration plant is 5,700 gallons per day. The plant is currently only filled with water for startup purposes to verify operation of equipment. Sanitary flow to the plant is currently being held at the influent pump station located along the south side of the school building. Sanitary waste is currently being pumped and transported to the Ashtabula City Water Pollution Control Facility. The plant is expected to be started in mid-August 2012.
2. The plant is operated by Gary Hydinger, Gary Copeland, Brandon Averill, Mike Parker, and Beverly Hoffman from the City of Geneva on behalf of GACSD. Ohio EPA has received the operator notification form for this facility on May 4, 2012. The Ohio Revised Code (ORC) assumed control at the facility on June 27, 2012. The City of Geneva collects samples, performs laboratory analyses, and electronically submits the data to the electronic discharge monitoring report (eDMR) system. The plant is inspected twice weekly.
3. Log books, the NPDES permit, a copy of the ORC contract, and the operation and maintenance manual are maintained at the site. A copy of the permit, contract, and

operation and maintenance manual must be kept in the same location as the log book. The information was found compliant with Ohio Administrative Code (OAC) 3745-7-09. The plant is currently seen twice weekly by the ORC. Mr. Hydinger anticipates that small storage structure will be placed at the plant in July 2012, and the log book, copy of the contract, and NPDES permit will be placed in that building. Ohio EPA will follow up in mid-August to ensure that this material is available when the plant starts operations.

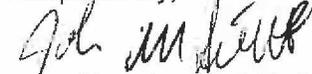
4. Per discussions with Mack Industries, your plant manufacturer, Mack has indicated that it is not necessary to seed the plant prior to startup. If the plant is seeded, the log book must reflect how much sewed sludge was brought to the plant and its origin.
5. The overall condition of the treatment plant during this inspection was satisfactory. The facility will still require some adjustment once seeded and the proper water levels provided in all tanks. The plant will need to continue to be inspected twice weekly to verify water levels in the pump station that is functioning as a holding tank.
6. Surface sand filters were inspected, with the east beds noted as raked level. Consideration should be given to adding rip-rap to the splash pad to aid in controlling any erosion in the bed. The effluent discharged to the sand filter during the inspection was clear and free of color and turbidity. The wastewater percolated freely through the sand indicating that the beds were not clogged.
7. The ultraviolet disinfection system and post aeration system appear to be operating as designed. The outfall sign must be installed as prescribed by your permit. GACSD is aware of the requirement and will provide the signage as prescribed by the permit.

NPDES Permit Compliance Review

A review of the eDMRs received by Ohio EPA for the period April 1, 2012 through July 1, 2012 indicates no apparent noncompliance of the terms and conditions of your NPDES permit, with the exception of failing to file a May 2012 eDMR report. Please submit the May 2012 eDMR report indicating no flow from this facility.

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: Gary Hydinger, City of Geneva

File: SP/Ashtabula/Harpersfield Twp./Cork Elementary School (3PT00136)