



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Seneca County
Meadowbrook Park
Sewerage

May 12, 2009

Hopewell Township Trustees
P.O. Box 309
Bascom, OH 44809

Dear Hopewell Township Trustees:

On September 9, 2008, an inspection of the wastewater treatment plants (WWTP) which serve Meadowbrook Park was made. Mr. Brad Borer, Technical Consultant /Certified Operator, was present and provided information regarding the plant's operation. Observations and recommendations noted during the inspection are as follows:

East WWTP

1. The plant was operating and had what appeared to be adequate aeration at the time of the inspection.
2. It was noted that the RV dump station is connected directly to the WWTP.
3. The sludge returns and skimmers were operational.
4. The effluent weir was full of solids due to sludge rising and overflowing from the clarifier tank.
5. A run timer connected to the pump within the chlorine contact tank is being used for flow data collection.
6. Ultraviolet (UV) disinfection was in use.

West WWTP

7. The plant was operating and appeared to have adequate aeration at the time of the inspection.
8. Both sludge returns were operational.
9. The skimmer is being run as needed.
10. Some solids were observed in the clarifier effluent weir.
11. The south sand filter was in use. A slight weed growth was observed on the sand filter at the time of the inspection. The surface sand filters should be kept free of weed growth at all times.
12. Ultraviolet (UV) disinfection was in use.

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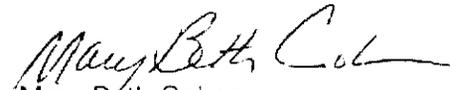
Other

13. The clarifier hopper walls should be scraped down once per day to increase the solids returned and prevent sludge from bulking and floating to the surface of the tank.
14. Disinfection must be provided from May through October.
15. The data reported on the discharge monitoring reports (DMRs) appears to be a monthly flow average of the two WWTPs during some months, and individual daily flows on others. Reported flows should reflect each individual plants daily flow as required by the NPDES permit.

A compliance review of the discharge monitoring reports (DMRs) has also been conducted. A list of permit violations (June 2007 – March 2009) is enclosed.

If there are any questions, please advise.

Yours truly,



Mary Beth Cohen
Division of Surface Water

/lb

Enclosure

pc: Seneca County General Health District
Mr. Brad Borer, Certified Operator
NWDO - DSW file

Meadowbrook Park 2PR00142*BD
Effluent limit violations (June 2007 thru March 2009)

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
West							
August 2007	001	80082	CBOD 5 day	30D Conc	10	10.5	8/1/2007
February 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	4.88	2/1/2008
February 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	4.88	2/4/2008
April 2008	001	80082	CBOD 5 day	30D Conc	10	13.	4/1/2008
July 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	10.	7/1/2008
July 2008	001	31616	Fecal Coliform	30D Conc	1000	8000.	7/1/2008
July 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	10.	7/7/2008
July 2008	001	31616	Fecal Coliform	1D Conc	2000	8000.	7/7/2008
September 2008	001	31616	Fecal Coliform	30D Conc	1000	1000.	9/1/2008
East							
June 2007	002	00530	Total Suspended Solids	30D Conc	12	17.	6/1/2007
June 2007	002	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	11.2	6/1/2007
June 2007	002	31616	Fecal Coliform	30D Conc	1000	36000.	6/1/2007
June 2007	002	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	11.2	6/4/2007
June 2007	002	31616	Fecal Coliform	1D Conc	2000	36000.	6/4/2007
July 2007	002	00530	Total Suspended Solids	30D Conc	12	15.	7/1/2007
July 2007	002	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	66.7	7/1/2007
July 2007	002	00610	Nitrogen, Ammonia (NH3	30D Qty	0.11	.14643	7/1/2007
July 2007	002	31616	Fecal Coliform	30D Conc	1000	1000.	7/1/2007
July 2007	002	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	66.7	7/9/2007
August 2007	002	00530	Total Suspended Solids	1D Conc	18	27.	8/1/2007
August 2007	002	00530	Total Suspended Solids	30D Conc	12	27.	8/1/2007
August 2007	002	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	10.6	8/1/2007
August 2007	002	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	10.6	8/1/2007
August 2007	002	31616	Fecal Coliform	30D Conc	1000	1500.	8/1/2007
October 2007	002	00530	Total Suspended Solids	30D Conc	12	13.	10/1/2007
October 2007	002	80082	CBOD 5 day	30D Conc	10	11.	10/1/2007
May 2008	002	00530	Total Suspended Solids	30D Conc	12	13.	5/1/2008
June 2008	002	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	20.	6/1/2008
June 2008	002	31616	Fecal Coliform	30D Conc	1000	1500.	6/1/2008
June 2008	002	80082	CBOD 5 day	30D Conc	10	11.	6/1/2008
June 2008	002	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	20.	6/2/2008
July 2008	002	00530	Total Suspended Solids	30D Conc	12	40.	7/1/2008
July 2008	002	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	114.	7/1/2008
July 2008	002	00610	Nitrogen, Ammonia (NH3	30D Qty	0.11	.79135	7/1/2008
July 2008	002	00610	Nitrogen, Ammonia (NH3	7D Qty	0.17	.79135	7/1/2008
July 2008	002	31616	Fecal Coliform	30D Conc	1000	10000.	7/1/2008
July 2008	002	80082	CBOD 5 day	30D Conc	10	75.	7/1/2008
July 2008	002	80082	CBOD 5 day	30D Qty	0.38	.52063	7/1/2008
July 2008	002	00530	Total Suspended Solids	1D Conc	18	40.	7/7/2008
July 2008	002	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	114.	7/7/2008
July 2008	002	31616	Fecal Coliform	1D Conc	2000	10000.	7/7/2008
July 2008	002	80082	CBOD 5 day	1D Conc	15	75.	7/7/2008
August 2008	002	00530	Total Suspended Solids	30D Conc	12	41.	8/1/2008
August 2008	002	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.7	8/1/2008
August 2008	002	80082	CBOD 5 day	30D Conc	10	16.	8/1/2008
August 2008	002	00530	Total Suspended Solids	1D Conc	18	41.	8/4/2008
August 2008	002	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	5.7	8/4/2008

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
	East						
August 2008	002	80082	CBOD 5 day	1D Conc	15	16.	8/4/2008
August 2008	002	00300	Dissolved Oxygen	1D Conc	6.0	5.97	8/18/2008
August 2008	002	00300	Dissolved Oxygen	1D Conc	6.0	5.88	8/25/2008
September 2008	002	00530	Total Suspended Solids	1D Conc	18	42.	9/1/2008
September 2008	002	00530	Total Suspended Solids	30D Conc	12	42.	9/1/2008
September 2008	002	00530	Total Suspended Solids	30D Qty	0.45	.9915	9/1/2008
September 2008	002	00530	Total Suspended Solids	7D Qty	0.68	.9915	9/1/2008
September 2008	002	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	12.5	9/1/2008
September 2008	002	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	12.5	9/1/2008
September 2008	002	00610	Nitrogen, Ammonia (NH3	30D Qty	0.11	.29509	9/1/2008
September 2008	002	00610	Nitrogen, Ammonia (NH3	7D Qty	0.17	.29509	9/1/2008
September 2008	002	31616	Fecal Coliform	1D Conc	2000	25000.	9/1/2008
September 2008	002	31616	Fecal Coliform	30D Conc	1000	25000.	9/1/2008
September 2008	002	80082	CBOD 5 day	1D Conc	15	23.	9/1/2008
September 2008	002	80082	CBOD 5 day	30D Conc	10	23.	9/1/2008
September 2008	002	80082	CBOD 5 day	30D Qty	0.38	.54296	9/1/2008
October 2008	002	00530	Total Suspended Solids	30D Conc	12	68.	10/1/2008
October 2008	002	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	17.9	10/1/2008
October 2008	002	80082	CBOD 5 day	30D Conc	10	20.	10/1/2008
October 2008	002	00530	Total Suspended Solids	1D Conc	18	68.	10/6/2008
October 2008	002	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	17.9	10/6/2008
October 2008	002	80082	CBOD 5 day	1D Conc	15	20.	10/6/2008