



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
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: Huron County
Firelands Manor MHP
NPDES Permit Inspection

March 9, 2009

Mr. Dan Inks
I&R Properties Ltd.
dba Firelands Manor MHP
9 Corporation Center
Broadview Heights, Ohio 44147

Dear Mr. Inks,

On February 10, 2009, a pre-permit inspection was made of the wastewater treatment plant serving the Firelands Manor MHP (WWTP). Mr. Bob Davis was present and provided information on the maintenance and operation of the plant. Firelands Manor MHP is currently operating under National Pollutant Discharge Elimination System Permit (NPDES) No. 2PY00017*CD. Our comments and recommendation are as follows:

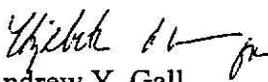
1. At the time of the inspection the contents of the aeration tank were light brown and no foam was observed. One of the plants three blowers had broken down and was in the process of being repaired during the visit. Mr. Davis indicated that two blowers are normally operated.
2. The contents of the clarifier were cloudy. This was due to the high flows being experienced as a result of snow melt and rain.
3. The sand filters were online and appeared to be functioning properly. Mr. Davis indicated that in winter solids that build up on the beds are raked to the side to help prevent ponding. It was noted that connections are in place to be able to install a pipe to bypass the sand filters to the disinfection tank. Please be aware that **Part III of your NPDES permit states "At all times, the permittee shall maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee necessary to achieve compliance with terms and conditions of this permit". Therefore, the bypass should only be used as a last resort to prevent the filters from overflowing.**

Mr. Dan Inks
March 9, 2009
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4. Sludge is wasted from the clarifiers to the aerated sludge holding tank. When full, this tank is pumped and hauled to a municipal WWTP for disposal.
5. The plant discharge was not observed due to the sampling manhole being flooded. However, it was noted that the contents of the disinfection tank were slightly cloudy due to the high flows.
6. Discharge Monitoring Reports have been submitted as required by your NPDES permit. **A review of these reports since 2004 shows continuous violations of the Nitrogen Ammonia (NH3), Total Suspended Solids (TSS) and CBOD 5 limits of your permit.** As a result of these continued violations, we consider this plant to be in **significant non-compliance** with its existing NPDES permit. The renewal NPDES permit will contain a compliance schedule to complete a formal evaluation of plant operations and treatment capacities and if necessary complete upgrades to eliminate issues identified during the evaluation in order to achieve compliance with final effluent limits.

We have received your NPDES permit application. A draft copy of the renewal permit will be sent to you in the next several weeks. You will have 30 days to provide written comments prior to the final permit being issued. Please take the time to look it over with your operator and contact me at (419) 373-3003 or via email at andrew.gall@epa.state.oh.us with any questions. A copy of our inspection report and permit violations have been included for your review.

Sincerely,


Andrew Y. Gall
Environmental Specialist II
Division of Surface Water

/lb

Enclosures

pc: Mr. Robert Lyn Makeever, Operator w/enclosures
~~Huron County Health Department~~
~~NWDO DSW File w/enclosures~~

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00017*CD	May 2004	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.20	.23081	5/1/2004
2PY00017*CD	May 2004	001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.3	2.33	5/8/2004
2PY00017*CD	May 2004	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.31	.44095	5/8/2004
2PY00017*CD	June 2004	001	00530	Total Suspended Solids	7D Conc	18	22.	6/1/2004
2PY00017*CD	June 2004	001	00530	Total Suspended Solids	7D Qty	2.45	2.83118	6/1/2004
2PY00017*CD	June 2004	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	7.07	6/1/2004
2PY00017*CD	June 2004	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.20	.68463	6/1/2004
2PY00017*CD	June 2004	001	00400	pH	1D Conc	6.5	.	6/2/2004
2PY00017*CD	June 2004	001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.3	12.4	6/8/2004
2PY00017*CD	June 2004	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.31	1.07948	6/8/2004
2PY00017*CD	June 2004	001	00400	pH	1D Conc	6.5	.	6/9/2004
2PY00017*CD	June 2004	001	00400	pH	1D Conc	6.5	.	6/16/2004
2PY00017*CD	June 2004	001	00400	pH	1D Conc	6.5	.	6/23/2004
2PY00017*CD	August 2004	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	5.605	8/1/2004
2PY00017*CD	August 2004	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.20	.27778	8/1/2004
2PY00017*CD	August 2004	001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.3	11.	8/22/2004
2PY00017*CD	August 2004	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.31	.54126	8/22/2004
2PY00017*CD	January 2005	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3	9.31	1/1/2005
2PY00017*CD	January 2005	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.41	1.07967	1/1/2005
2PY00017*CD	January 2005	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	16.8	1/15/2005
2PY00017*CD	January 2005	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.62	1.78046	1/15/2005
2PY00017*CD	February 2005	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3	9.87	2/1/2005
2PY00017*CD	February 2005	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	16.1	2/1/2005
2PY00017*CD	February 2005	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.41	.82585	2/1/2005
2PY00017*CD	February 2005	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.62	1.27971	2/1/2005
2PY00017*CD	March 2005	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3	8.195	3/1/2005
2PY00017*CD	March 2005	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	9.58	3/1/2005
2PY00017*CD	March 2005	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.41	.62801	3/1/2005
2PY00017*CD	March 2005	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.62	.68895	3/1/2005
2PY00017*CD	March 2005	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	6.81	3/15/2005
2PY00017*CD	April 2005	001	00530	Total Suspended Solids	30D Conc	12	15.	4/1/2005
2PY00017*CD	April 2005	001	00530	Total Suspended Solids	7D Conc	18	23.	4/1/2005
2PY00017*CD	April 2005	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3	3.765	4/1/2005
2PY00017*CD	May 2005	001	00530	Total Suspended Solids	30D Conc	12	16.75	5/1/2005
2PY00017*CD	May 2005	001	00530	Total Suspended Solids	7D Conc	18	21.	5/1/2005
2PY00017*CD	May 2005	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	8.795	5/1/2005
2PY00017*CD	May 2005	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.20	.56272	5/1/2005
2PY00017*CD	May 2005	001	31616	Fecal Coliform	30D Conc	1000	11000.	5/1/2005
2PY00017*CD	May 2005	001	31616	Fecal Coliform	7D Conc	2000	11000.	5/1/2005
2PY00017*CD	May 2005	001	00530	Total Suspended Solids	7D Conc	18	30.	5/15/2005
2PY00017*CD	May 2005	001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.3	16.	5/15/2005
2PY00017*CD	May 2005	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.31	.96896	5/15/2005
2PY00017*CD	June 2005	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	3.724	6/1/2005
2PY00017*CD	June 2005	001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.3	7.21	6/1/2005
2PY00017*CD	July 2005	001	31616	Fecal Coliform	30D Conc	1000	18000.	7/1/2005
2PY00017*CD	July 2005	001	31616	Fecal Coliform	7D Conc	2000	18000.	7/1/2005
2PY00017*CD	August 2005	001	31616	Fecal Coliform	30D Conc	1000	16000.	8/1/2005
2PY00017*CD	August 2005	001	31616	Fecal Coliform	7D Conc	2000	16000.	8/1/2005
2PY00017*CD	February 2006	001	00530	Total Suspended Solids	30D Qty	1.63	2.66843	2/1/2006
2PY00017*CD	February 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3	11.105	2/1/2006
2PY00017*CD	February 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.41	3.36657	2/1/2006
2PY00017*CD	February 2006	001	00530	Total Suspended Solids	7D Qty	2.45	4.88265	2/8/2006
2PY00017*CD	February 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	22.	2/8/2006
2PY00017*CD	February 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.62	6.6616	2/8/2006
2PY00017*CD	March 2006	001	00530	Total Suspended Solids	30D Qty	1.63	7.13473	3/1/2006
2PY00017*CD	March 2006	001	00530	Total Suspended Solids	7D Qty	2.45	4.6177	3/1/2006

Firelands Manor MHP - Limit Violations Pg. 2

2PY00017*CD	March 2006	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3	8.455	3/1/2006
2PY00017*CD	March 2006	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	16.7	3/1/2006
2PY00017*CD	March 2006	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.41	7.96478	3/1/2006
2PY00017*CD	March 2006	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.62	15.8023	3/1/2006
2PY00017*CD	March 2006	001	80082	CBOD 5 day	30D Qty	1.36	4.30544	3/1/2006
2PY00017*CD	March 2006	001	80082	CBOD 5 day	7D Qty	2.04	7.09688	3/1/2006
2PY00017*CD	March 2006	001	00530	Total Suspended Solids	7D Conc	18	28.	3/8/2006
2PY00017*CD	March 2006	001	00530	Total Suspended Solids	7D Qty	2.45	16.9568	3/8/2006
2PY00017*CD	March 2006	001	80082	CBOD 5 day	7D Qty	2.04	3.028	3/8/2006
2PY00017*CD	April 2006	001	00530	Total Suspended Solids	30D Qty	1.63	3.00908	4/1/2006
2PY00017*CD	April 2006	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3	4.905	4/1/2006
2PY00017*CD	April 2006	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.41	3.69719	4/1/2006
2PY00017*CD	April 2006	001	00530	Total Suspended Solids	7D Qty	2.45	4.542	4/8/2006
2PY00017*CD	April 2006	001	00530	Total Suspended Solids	7D Qty	2.45	3.785	4/15/2006
2PY00017*CD	April 2006	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	9.6	4/15/2006
2PY00017*CD	April 2006	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.62	7.2672	4/15/2006
2PY00017*CD	April 2006	001	00530	Total Suspended Solids	7D Qty	2.45	2.4981	4/22/2006
2PY00017*CD	May 2006	001	00530	Total Suspended Solids	30D Qty	1.63	4.65555	5/1/2006
2PY00017*CD	May 2006	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.20	.24044	5/1/2006
2PY00017*CD	May 2006	001	00530	Total Suspended Solids	7D Qty	2.45	5.2233	5/8/2006
2PY00017*CD	May 2006	001	00530	Total Suspended Solids	7D Qty	2.45	11.8092	5/15/2006
2PY00017*CD	July 2006	001	00530	Total Suspended Solids	7D Qty	2.45	3.3308	7/1/2006
2PY00017*CD	July 2006	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.20	.2464	7/1/2006
2PY00017*CD	July 2006	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.31	.34973	7/1/2006
2PY00017*CD	July 2006	001	31616	Fecal Coliform	30D Conc	1000	5100.	7/1/2006
2PY00017*CD	July 2006	001	31616	Fecal Coliform	7D Conc	2000	5100.	7/1/2006
2PY00017*CD	August 2006	001	00530	Total Suspended Solids	7D Qty	2.45	2.4981	8/8/2006
2PY00017*CD	December 2006	001	00530	Total Suspended Solids	30D Conc	12	18.75	12/1/2006
2PY00017*CD	December 2006	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3	13.1	12/1/2006
2PY00017*CD	December 2006	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.41	1.07532	12/1/2006
2PY00017*CD	December 2006	001	00530	Total Suspended Solids	7D Conc	18	38.	12/15/2006
2PY00017*CD	December 2006	001	00530	Total Suspended Solids	7D Qty	2.45	3.02043	12/15/2006
2PY00017*CD	December 2006	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	23.2	12/15/2006
2PY00017*CD	December 2006	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.62	1.84405	12/15/2006
2PY00017*CD	February 2007	001	00530	Total Suspended Solids	30D Conc	12	15.5	2/1/2007
2PY00017*CD	February 2007	001	80082	CBOD 5 day	30D Conc	10	11.25	2/1/2007
2PY00017*CD	February 2007	001	00530	Total Suspended Solids	7D Conc	18	21.5	2/15/2007
2PY00017*CD	February 2007	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	4.53	2/15/2007
2PY00017*CD	February 2007	001	80082	CBOD 5 day	7D Conc	15	22.5	2/15/2007
2PY00017*CD	March 2007	001	00530	Total Suspended Solids	30D Conc	12	19.25	3/1/2007
2PY00017*CD	March 2007	001	00530	Total Suspended Solids	30D Qty	1.63	2.13285	3/1/2007
2PY00017*CD	March 2007	001	00530	Total Suspended Solids	7D Conc	18	33.	3/8/2007
2PY00017*CD	March 2007	001	00530	Total Suspended Solids	7D Qty	2.45	4.74639	3/8/2007
2PY00017*CD	April 2007	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3	4.09	4/1/2007
2PY00017*CD	April 2007	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	7.97	4/1/2007
2PY00017*CD	April 2007	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.62	.72399	4/1/2007
2PY00017*CD	May 2007	001	00530	Total Suspended Solids	7D Conc	18	22.	5/1/2007
2PY00017*CD	July 2007	001	31616	Fecal Coliform	30D Conc	1000	10400.	7/1/2007
2PY00017*CD	July 2007	001	31616	Fecal Coliform	7D Conc	2000	10400.	7/8/2007
2PY00017*CD	August 2007	001	31616	Fecal Coliform	30D Conc	1000	3100.	8/1/2007
2PY00017*CD	August 2007	001	31616	Fecal Coliform	7D Conc	2000	3100.	8/1/2007
2PY00017*CD	December 2007	001	00530	Total Suspended Solids	30D Conc	12	13.75	12/1/2007
2PY00017*CD	December 2007	001	00530	Total Suspended Solids	7D Conc	18	42.	12/22/2007
2PY00017*CD	December 2007	001	00530	Total Suspended Solids	7D Qty	2.45	3.02043	12/22/2007
2PY00017*CD	February 2008	001	80082	CBOD 5 day	30D Conc	10	12.25	2/1/2008
2PY00017*CD	February 2008	001	80082	CBOD 5 day	7D Conc	15	18.	2/8/2008
2PY00017*CD	February 2008	001	80082	CBOD 5 day	7D Conc	15	25.	2/22/2008
2PY00017*CD	March 2008	001	00530	Total Suspended Solids	30D Conc	12	39.5	3/1/2008
2PY00017*CD	March 2008	001	00530	Total Suspended Solids	7D Conc	18	28.	3/1/2008
2PY00017*CD	March 2008	001	00530	Total Suspended Solids	30D Qty	1.63	9.55145	3/1/2008
2PY00017*CD	March 2008	001	00530	Total Suspended Solids	7D Qty	2.45	5.72292	3/1/2008

Firelands Major MHP - Limit Violate Pg. 3

2PY00017*CD	March 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3	5.815	3/1/2008
2PY00017*CD	March 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.41	1.70656	3/1/2008
2PY00017*CD	March 2008	001	80082	CBOD 5 day	30D Conc	10	16.	3/1/2008
2PY00017*CD	March 2008	001	80082	CBOD 5 day	30D Qty	1.36	3.72349	3/1/2008
2PY00017*CD	March 2008	001	80082	CBOD 5 day	7D Qty	2.04	2.24829	3/1/2008
2PY00017*CD	March 2008	001	00530	Total Suspended Solids	7D Conc	18	19.	3/8/2008
2PY00017*CD	March 2008	001	00530	Total Suspended Solids	7D Qty	2.45	2.51703	3/8/2008
2PY00017*CD	March 2008	001	80082	CBOD 5 day	7D Conc	15	18.	3/8/2008
2PY00017*CD	March 2008	001	80082	CBOD 5 day	7D Qty	2.04	2.38455	3/8/2008
2PY00017*CD	March 2008	001	00530	Total Suspended Solids	7D Conc	18	42.	3/15/2008
2PY00017*CD	March 2008	001	00530	Total Suspended Solids	7D Qty	2.45	13.5124	3/15/2008
2PY00017*CD	March 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	8.83	3/15/2008
2PY00017*CD	March 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.62	2.84083	3/15/2008
2PY00017*CD	March 2008	001	80082	CBOD 5 day	7D Conc	15	23.	3/15/2008
2PY00017*CD	March 2008	001	80082	CBOD 5 day	7D Qty	2.04	7.39968	3/15/2008
2PY00017*CD	March 2008	001	00530	Total Suspended Solids	7D Conc	18	69.	3/22/2008
2PY00017*CD	March 2008	001	00530	Total Suspended Solids	7D Qty	2.45	16.4534	3/22/2008
2PY00017*CD	March 2008	001	80082	CBOD 5 day	7D Qty	2.04	2.86146	3/22/2008
2PY00017*CD	April 2008	001	00530	Total Suspended Solids	7D Conc	18	19.	4/1/2008
2PY00017*CD	April 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3	7.31467	4/1/2008
2PY00017*CD	April 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	14.8	4/1/2008
2PY00017*CD	April 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.41	.72467	4/1/2008
2PY00017*CD	April 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.62	1.5685	4/1/2008
2PY00017*CD	April 2008	001	80082	CBOD 5 day	7D Conc	15	22.	4/1/2008
2PY00017*CD	April 2008	001	80082	CBOD 5 day	7D Qty	2.04	2.33156	4/1/2008
2PY00017*CD	April 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	6.71	4/15/2008
2PY00017*CD	June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	5.155	6/1/2008
2PY00017*CD	June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.20	.25643	6/1/2008
2PY00017*CD	June 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.3	10.1	6/15/2008
2PY00017*CD	June 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.31	.49697	6/15/2008
2PY00017*CD	July 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	12.6	7/1/2008
2PY00017*CD	July 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.3	12.6	7/1/2008
2PY00017*CD	July 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.20	.85844	7/1/2008
2PY00017*CD	July 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.31	.85844	7/1/2008
2PY00017*CD	July 2008	001	00530	Total Suspended Solids	7D Conc	18	29.	7/8/2008
2PY00017*CD	July 2008	001	00530	Total Suspended Solids	7D Qty	2.45	2.74413	7/8/2008
2PY00017*CD	July 2008	001	80082	CBOD 5 day	7D Conc	15	21.	7/8/2008
2PY00017*CD	September 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	1.625	9/1/2008
2PY00017*CD	September 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.3	3.04	9/1/2008
2PY00017*CD	November 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3	5.405	11/1/2008
2PY00017*CD	November 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	10.6	11/1/2008
2PY00017*CD	November 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.62	.68206	11/1/2008
2PY00017*CD	November 2008	001	00400	pH	1D Conc	6.5	6.4	11/26/2008



State of Ohio Environmental Protection Agency
Northwest District Office

NPDES Compliance Inspection Report
Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
OH0116033	2PY00017*CD	02/10/2009	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Firelands Manor MHP 5810 US 20 East Wakeman, Ohio	10:30 AM	5/1/2008
	Exit Time	Permit Expiration Date
	11:30AM	4/30/2009
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Elmer Kidd, On-Site Manager		
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Bob Davis , Class 1 Operator, I&R Properties, Inc. Lyn Makeever, Class 1 Operator	440-336-1867	
Name, Address and Title of Responsible Official	Phone Number	
Daniel Inks, Managing Partner 9 Corporation Center Broadview Heights, OH 44147	440-838-4868	

Ohio EPA Inspector		Ohio EPA Reviewer	
		<i>Elizabeth A. Wick</i>	3/4/09
Andrew Y. Gall Environmental Specialist II Division of Surface Water Northwest District Office	Date	Elizabeth A. Wick, P.E. Water Quality Engineer Division of Surface Water Northwest District Office	Date

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 NPDES #: Error! Reference source not found.

Average Daily Design Flow:	36,000 Gallons/Day
Plant Serves:	127 Occupied Lots / 150 possible lots
Average Daily Flow: (Period of Review):	Gallons/Day ()
Method of flow monitoring:	Flow meter on
Type of alarms for plant:	Lights on Sand Filter Pumps

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the Trash Trap need pumped: **No**
 Maintenance of pretreatment components is: **Good**

Comments/Status:

**Secondary Treatment
(Aeration)**

Color of sludge: **Light Brown**
 Quality of Sludge: **Medium**
 Foam: **None present**
 Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Skimmers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is...**Good**

Comments/Status:

2 of 3 blowers were operating, 1 blower was down for repairs, 2 blowers normally operated to address NH3 levels.

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**Secondary Treatment
(Settling)**

Clarity: **Cloudy**
 Condition of Weir: **Clean**
 Weir is level: **Yes**
 Effluent in weir: **Light Solids**
 Clarifier walls need scraped: **No**

Overall maintenance of settling components is: **Good**

Comments/Status:

Plant was experiencing high flows due to snow melt and rain, causing turbidity.
 Grease is netted out of clarifier and disposed of in garbage dumpster.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Distribution box operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Beds raked	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Overall maintenance of components is: **Good**

Comments/Status:

2 Dosing pumps are rated at 75gpm, flow meter is installed on dosing filter pumps to measure flows.
 In winter solids/sludge is raked to the sides of the bed and removed in the spring.
 It was noted that provisions to install a bypass pipe to Chlorination tank were available for use when beds are ponded and frozen, Mr. Davis was directed that this should only be used as a last resort to prevent water from overflowing the filters.

Sludge Handling/Storage Disposal

Hauler name: **N/A**
 Disposal Site: **Municipal WWTP**
 Sludge wasted from: **Clarifiers**
 How often is sludge wasted: **As needed**
 Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:

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Plant Discharge

Discharge point is a: **Other**
Name of discharge point: **Field Tile/Storm Sewer that flows to Duggan
County Ditch #237**
Discharge is visible: **No** Quality of Effluent: **Cloudy**

Comments/Status:

Effluent sampling manhole was underwater from thawing snow, unable to observe discharge, contents of disinfection tank were slightly cloudy due to high flows