OhioEPA

State of Ohio Environmental Protection Agency
Southwest 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**
1PP00002	OH0037541	4/8/2011	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Hueston Woods Beach and Marina 6301 Park Office Road College Corner, Ohio 45003	9:30AM	8/1/8
	Exit Time	**Permit Expiration Date**
	10:00AM	7/31/13
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Tom Gabbard		
Name(s), Address and Title(s) of Operator of Record	**Phone Number(s)**	
Tom Gabbard		
Name, Address and Title of Responsible Official	**Phone Number**	
Ohio Department of Natural Resources 2045 Morse Rd. Columbus, Ohio 43229	614-265-6561	

Ohio EPA Inspector	Ohio EPA Reviewer
4/12/11	
Maureen M. Ware Date Division of Surface Water Southwest District Office	Martyn G. Burt Date Environmental Supervisor Division of Surface Water Southwest District Office

Average Daily Design Flow:	**50,000 Gallons/Day**
Plant Serves:	**Beach and Marina**
Average Daily Flow: (Period of Review):	**35,000 Gallons/Day**
Method of flow monitoring:	**Estimated from water use records.**
Type of alarms for plant:	**None.**

Pretreatment

Type of Pretreatment: bar screen
Does the Trash Trap need pumped: N/A
Maintenance of pretreatment components is: good

Comments/Status:

Secondary Treatment (Aeration)

Color of sludge: brown
Quality of Sludge: good
Foam: none
Odor: none

	Yes	No		Yes	No
Aeration is taking place	☒	☐	Plant is septic	☐	☒
Blowers are operating	☒	☐	Blowers are on a timer	☐	☒
Skimmers are operating	☒	☐	Plant is flooded	☐	☒
Diffusers are operating	☒	☐	Grating is present	☐	☒
Sludge return is operating	☒	☐			

Maintenance of aerating equipment is... good

Comments/Status:

Blowers run continuously. No grating is over the WWTP tanks, but the entire WWTP is surrounded by a fence with a locked gate.

Secondary Treatment (Settling)

Clarity: fairly clear
Condition of Weir: weir is leaking in multiple places.
Weir is level: appears to be.
Effluent in weir: fairly clear
Clarifier walls need scraped: no

Overall maintenance of settling components is: poor

Comments/Status:

The weir has so many leaks on the sides and bottom that the effluent does not get to the level of the weir notches.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: **Slow**	☒	☐	**Subsurface**	☒	☐
Distribution box operating	☒	☐	Beds alternated	☐	☒
Are filters ponding/flooding	☒	☐	Beds raked	☐	☒
Sand filters overgrown	☒	☒	Chlorination present	☒	☐
UV present	☐	☒	Dechlorination present	☒	☐

Overall maintenance of components is: fair

Comments/Status:

The internal grating is gone in the upflow filter, as such it effectively acts like a second clarifier. Effluent from it goes to the surface sand filters. It was noted that soil was added around the sides of the slow sand filters to prevent freezing. As most heat loss is going to rise rather than go out through the sides, and as the soil presents maintenance difficulties, it is not necessary to keep the soil around the sand filter sides. The sand filters will need to be scraped as there is left over dead plant material from the prior season.

Sludge Handling/Storage Disposal

Hauler name: Rumpke
Disposal Site: sanitary landfill
Sludge wasted from: digesters
How often is sludge wasted: from digester to beds two times per year.
Sludge drying beds: 4 beds Sludge holding tank: digester/holding tank

Overall maintenance of components is: good

Comments/Status:

Plant Discharge

Discharge point is a: **Lake**
Name of discharge point: **Acton Lake**
Discharge is visible: **no**
Quality of Effluent: **clear from dechlorination tank.**

Comments/Status:

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	Nitrogen, Ammonia (NH3	30D Conc	2.0	3.25	6/1/2008
001	Nitrogen, Ammonia (NH3	7D Conc	3.0	6.5	6/1/2008
001	Nitrogen, Ammonia (NH3	7D Qty	0.57	.68887	6/1/2008
001	Total Suspended Solids	7D Conc	18	22.	7/8/2008
001	Total Suspended Solids	7D Qty	3.4	3.49734	7/8/2008
001	Nitrogen, Ammonia (NH3	30D Conc	2.0	12.85	7/1/2008
001	Nitrogen, Ammonia (NH3	7D Conc	3.0	16.	7/1/2008
001	Nitrogen, Ammonia (NH3	7D Conc	3.0	9.7	7/15/2008
001	Nitrogen, Ammonia (NH3	30D Qty	0.38	1.8308	7/1/2008
001	Nitrogen, Ammonia (NH3	7D Qty	0.57	2.1196	7/1/2008
001	Nitrogen, Ammonia (NH3	7D Qty	0.57	1.54201	7/15/2008
001	Nitrogen, Ammonia (NH3	30D Conc	2.0	7.8505	7/1/2009
001	Nitrogen, Ammonia (NH3	7D Conc	3.0	15.2	7/22/2009
001	Nitrogen, Ammonia (NH3	30D Qty	0.38	1.43608	7/1/2009
001	Nitrogen, Ammonia (NH3	7D Qty	0.57	2.81907	7/22/2009
001	Nitrogen, Ammonia (NH3	30D Conc	2.0	12.305	6/1/2009
001	Nitrogen, Ammonia (NH3	7D Conc	3.0	7.71	6/1/2009
001	Nitrogen, Ammonia (NH3	7D Conc	3.0	16.9	6/15/2009
001	Nitrogen, Ammonia (NH3	30D Qty	0.38	1.75185	6/1/2009
001	Nitrogen, Ammonia (NH3	7D Qty	0.57	.81711	6/1/2009
001	Nitrogen, Ammonia (NH3	7D Qty	0.57	2.68659	6/15/2009