

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00217

Facility Name Maverick Innovative Expiration Date 9/30/2015

Facility Address 532 CR 1600 Date 9/30/11 Time 2:00 am

City Ashtland County Ashtland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 1500 GPD Present 400-800 GPD (metered estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 65° light rain

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: not observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent good _____ fair _____ poor operation
 b. Plant has _____ excellent good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent good _____ fair _____ poor maintenance

d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/ solids overload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct.31.)

IN	OUT	
_____	_____	Chlorination Tablets
_____	_____	Dechlorination Tablets
<input checked="" type="checkbox"/>	_____	U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y N Parameters: _____
 Chronic Violations NH₃, TSS, Bcol!

5. Adequate plant safety

6. Operation and Maintenance Service Name McGhee's TWSI

Frequency of Visits 3/week

Facility Name: Maverick Innovative

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> N Motor/ Blower Unit <i>running</i>	Cycle Time:
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>color & roll okay</i> Adequate Aeration: <u>Y</u> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>good clarity</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <u> </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <u> </u> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>Filters relatively clean</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>on</i>
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>on filter dosing station</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

06/21/2011 New Data

Maverick Innovative NPDES permit limit violations February through September 2011

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00217*BD	February 2011	001	00530	Total Suspended Solids	30D Conc	12.0	18.	2/1/2011
2PR00217*BD	March 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	11.5	3/1/2011
2PR00217*BD	March 2011	001	80082	CBOD 5 day	30D Conc	10.0	35.4	3/1/2011
2PR00217*BD	March 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	11.5	3/22/2011
2PR00217*BD	March 2011	001	80082	CBOD 5 day	7D Conc	15.0	35.4	3/22/2011
2PR00217*BD	April 2011	001	00530	Total Suspended Solids	30D Conc	12.0	22.	4/1/2011
2PR00217*BD	April 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.94	4/1/2011
2PR00217*BD	April 2011	001	00530	Total Suspended Solids	7D Conc	18.0	22.	4/15/2011
2PR00217*BD	April 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	5.94	4/15/2011
2PR00217*BD	May 2011	001	00530	Total Suspended Solids	30D Conc	12.0	21.6	5/1/2011
2PR00217*BD	May 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.32	5/1/2011
2PR00217*BD	May 2011	001	00530	Total Suspended Solids	7D Conc	18.0	21.6	5/8/2011
2PR00217*BD	May 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	2.32	5/8/2011
2PR00217*BD	June 2011	001	00530	Total Suspended Solids	30D Conc	12.0	37.3	6/1/2011
2PR00217*BD	June 2011	001	00530	Total Suspended Solids	30D Qty	0.0682	.12833	6/1/2011
2PR00217*BD	June 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	4.26	6/1/2011
2PR00217*BD	June 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.0056	.01466	6/1/2011
2PR00217*BD	June 2011	001	80082	CBOD 5 day	30D Conc	10.0	21.5	6/1/2011
2PR00217*BD	June 2011	001	80082	CBOD 5 day	30D Qty	0.0568	.07397	6/1/2011
2PR00217*BD	June 2011	001	31648	E. coli	30D Conc	161	2400.	6/1/2011
2PR00217*BD	June 2011	001	00530	Total Suspended Solids	7D Conc	18.0	37.3	6/22/2011
2PR00217*BD	June 2011	001	00530	Total Suspended Solids	7D Qty	0.103	.12833	6/22/2011
2PR00217*BD	June 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	4.26	6/22/2011
2PR00217*BD	June 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.0085	.01466	6/22/2011
2PR00217*BD	June 2011	001	80082	CBOD 5 day	7D Conc	15.0	21.5	6/22/2011
2PR00217*BD	June 2011	001	31648	E. coli	7D Conc	362	2400.	6/22/2011
2PR00217*BD	July 2011	001	00530	Total Suspended Solids	30D Conc	12.0	18.8	7/1/2011
2PR00217*BD	July 2011	001	00530	Total Suspended Solids	7D Conc	18.0	18.8	7/1/2011
2PR00217*BD	September 2011	001	31648	E. coli	30D Conc	161	2000.	9/1/2011
2PR00217*BD	September 2011	001	31648	E. coli	7D Conc	362	2000.	9/1/2011
2PR00217*BD	September 2011	001	00530	Total Suspended Solids	30D Conc	12.0	12.8	9/1/2011