



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: Ottawa County  
Miller Ferry – Put-in-Bay  
NPDES Permit

October 5, 2007

Mr. Scott Market, VP Operations  
Miller Boat Line, Inc.  
P.O. Box 239  
Put-in-Bay, OH 43456

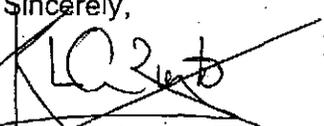
Dear Mr. Market:

On August 28, 2007, an inspection was made of the wastewater treatment facilities serving the Miller Boat Line. In general, both operation and maintenance of the plant appeared fair. Our comments and recommendations are as follows:

At the time of our visit, all treatment units were in operation and a clear and stable final effluent was observed in the contact tank prior to discharge. The mixed liquor in the aeration tank was dilute indicating light loading. The sand filters would be raked and leveled. The dechlorination tablet feeder was empty. Both disinfection/ dechlorination tablets need to be maintained through October 31<sup>st</sup>, the end of the summer disinfection season. A review of NPDES permit monthly operating reports since last summer indicates general compliance with only a few violations noted.

Enclosed is our completed inspection report, and NPDES permit violations. If you have any questions, please feel free to call me at (419) 373-3020, or email at [rick.zuzik@epa.state.oh.us](mailto:rick.zuzik@epa.state.oh.us)

Sincerely,

  
Richard A. Zuzik, MSE  
Division of Surface Water

/lb  
Enclosure

pc: Eastwood Environmental  
~~DSW: NWDO: File~~

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No.                     159                    

Facility Name Miller Boat Lines Expiration Date 1-30-09

Facility Address Langiam Rd, west end of ferry rd Date            Time 2:10 am  pm

City Put-in-Bay County Ottawa Township Put-in-Bay

Name and Address of Owner Scott Market, Village of Put-in-Bay, 139. 81B

Person Contacted None Owner Phone (419) 285-2929

Flow: Design 5000 GPD Present Unknown GPD (metered - estimated)

Trib. Pop. 100 = 1/2 way deli (actual - estimated) Weather at time of inspection: Temp 80 ° Clear

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	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: Lake Erie

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	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

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

4.             Yes  No Compliance with NPDES Permit
- Periodic Violations             Y  N            Parameters: Ammonia, TSS
- Chronic Violations             Y  N
5.             Adequate plant safety No fence
6.             Operation and Maintenance Service Name Eastwood Environmental
- Frequency of Visits Unknown

Facility Name: Miller Boat

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	<i>IN</i>
Aeration Equipment		Plant Timer. <u>  </u> Y. <u>  </u> N	Cycle Time:
	2	Motor/Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: <i>Light Brown, Dilute</i> Adequate Aeration: Y. <input checked="" type="checkbox"/> N. <input type="checkbox"/>
Final Settling	1	Clarifier	<i>scum covered</i>
	2	Sludge Return	In <input checked="" type="checkbox"/> Out <input checked="" type="checkbox"/>
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>OK, needs to be leveled and raked</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	1	Raw Wastewater (type)	<i>submersible</i>
	1	Sand Filter Effluent Dosing	
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	

9/1/06 - 8/28/07

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	LimitType	Limit	Reported Value	Violation Date
2PR00154*AD	August 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.505	8/1/2006
2PR00154*AD	August 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	5.66	8/1/2006
2PR00154*AD	August 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.02	.06633	8/1/2006
2PR00154*AD	August 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.03	.10712	8/1/2006
2PR00154*AD	June 2007	001	00530	Total Suspended Solids	30D Conc	12	19.	6/1/2007
2PR00154*AD	June 2007	001	00530	Total Suspended Solids	7D Conc	18	19.	6/1/2007
2PR00154*AD	June 2007	001	00530	Total Suspended Solids	30D Qty	0.23	.35958	6/1/2007
2PR00154*AD	June 2007	001	00530	Total Suspended Solids	7D Qty	0.34	.35958	6/1/2007



\*2PR0015420081010\*

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OTTAWA	MILLER BOAT LINE INC	2PR00154	2008/10/10	ZUZIK, RICHARD	PUT-IN-BAY
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Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

Re: Ottawa County  
South Bass Island  
Miller Boat Lines  
NPDES Permit

October 10, 2008

Mr. Scott Market, VP Operations  
Miller Boat Line, Inc.  
P.O. Box 239  
Put-in-Bay, OH 43456

Dear Mr. Market:

On September 4, 2008, an inspection was made of the wastewater treatment facilities serving the Miller Boat Line. In general, both operation and maintenance of the plant appeared good, and improved, since my last visit. Our comments and recommendations are as follows:

At the time of my visit, all treatment units were in operation and a clear final effluent was observed in the contact tank prior to discharge. The mixed liquor in the aeration tank was dilute indicating light loading. Chlorination and dechlorination tablets were in the tube feeders, however, lids were missing. They should be located and replaced. Monthly discharge monitoring reports are being received and indicated only one suspended solids violation in August.

I appreciate your support in ensuring proper operation and maintenance is provided to this facility, and I look forward to your continuing cooperation next season. Enclosed is my completed inspection report. If you have any questions, please feel free to call me at (419) 373-3020, or email at [rick.zuzik@epa.state.oh.us](mailto:rick.zuzik@epa.state.oh.us)

Sincerely,

Richard A. Zuzik, MSE  
Division of Surface Water

/csj  
Enclosure  
pc: Eastwood Environmental  
(DSW-NWDO File)

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PRO0154

Facility Name Miller Boat Lines Expiration Date 11-30-09  
 Facility Address Langram Road, just w. of dock Date 9-4-08 Time 10<sup>00</sup> (am) pm  
 City S. Bass Island County Ottawa Township Put-in-Bay  
 Name and Address of Owner P.O. Box 239, PIB, Scott Market, VP  
 Person Contacted none Owner Phone (419) 285-2924  
 Flow: Design 5000 GPD Present Unknown GPD (metered - estimated)  
 Trib. Pop. 100<sup>+</sup>, Irvings Deli (actual estimated) Weather at time of inspection: Temp 75° Cloudy  
 OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of effluent on Receiving Stream Name: L. Erie

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	<u>None</u>		<u>Clear</u>		<u>None</u>		<u>Colorless</u>
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	
<u>/</u>	<u>/</u>	Chlorination Tablets
<u>/</u>	<u>/</u>	Dechlorination Tablets
<u>/</u>	<u>/</u>	Ultraviolet (U.V.)

Yes  No

4.  Compliance with NPDES Permit

Periodic Violations Y N Parameters: SS

Chronic Violations \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service

Name Eastwood

Frequency of Visits 1/wk

Facility Name: Miller Boat Line

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	/	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	/	Flow Equalization	3850 gal
Aeration Equipment	/	Plant Timer ____Y ____N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment	/	Aeration Tank	Color: Diluted Brown Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	/	Clarifier	clear
	/	Sludge Return	In <input checked="" type="checkbox"/> Out
	/	Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	OK
		Polishing Pond:	
		Other	
Disinfection	/	Contact Tank	
	/	Chlorine Tube Feeder	No LID
	/	Dechlorination Tube Feeder	NO LID
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	/	Raw Wastewater (type)	
	/	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	



\*2PB0003220090723\*

OTTAWA IOAK HARBOR WWTP

2PB00032 2009/07/23 ZUZIK, RICHARD

OAK HARBOR



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: Ottawa County  
Village of Oak Harbor  
NPDES Permit

July 23, 2009

Mayor and Council  
Village of Oak Harbor  
146 Church Street  
Oak Harbor, Ohio 43449

Dear Mayor and Council:

On June 17, 2009, Mr. Rick Zuzik conducted an inspection of the Oak Harbor Wastewater Treatment Plant. Mr. Jerry Neff, Superintendent, was present and provided information on plant operations. Mr. Dan Gill, of our Central Office was also present to review the collection system and will issue a report under separate cover. The inspection consisted of an interview utilizing an inspection checklist covering major plant operations and a tour of the plant. At the time of our visit, a slightly turbid final effluent was observed being discharged to the Portage River. Our comments and recommendations are as follows:

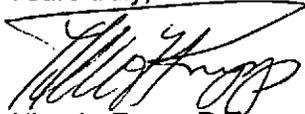
- 1) The new main interceptor trunk sewer, 5 million gallon combined sewage retention basin, and influent pump station recently came on line in May. This fulfills the milestone of your NPDES permit schedule of compliance to have the project completed by July 2009. Diversion of flow to the basin is set just below the level of the secondary plant bypass. Please notify us in writing when the project is totally complete.
- 2) Seven of the nine combined sewer overflows (CSO's) are now eliminated with only Locust and E. Water Street remaining. Mr. Neff indicated that a flap gate is scheduled to be installed on the E. Water Street river outfall instead of a duckbill type, which is used at Locust. Flap gates are more prone to obstructions and this issue should be discussed with your consultant. The goal of the CSO Long Term Control Plan is to reduce overflows to four events or less per year.
- 3) The plant appeared to be very well maintained. NPDES discharge monitoring reports are being submitted utilizing our new web-based eDMR reporting system. Mr. Neff reported final effluent ammonia violations following the initial usage of the retention basin. This should be monitored closely. Density baffles were installed in the final clarifiers last August. The east clarifier is still experiencing settling problems and Mr. Neff will be following up with this issue.

Mayor and Council  
July 23, 2009  
Page Two

We appreciate Mr. Neff and his staff's efforts, as well as the Village's commitment to implementing the CSO Long Term Control Plan. The reduced number of overflow events should result in improved water quality in the Portage River.

Our completed inspection form is enclosed. If you have any questions, please feel free to contact Mr. Zuzik at (419) 373-3020, or by email at [rick.zuzik@epa.state.oh.us](mailto:rick.zuzik@epa.state.oh.us).

Yours truly,



Allen L. Rupp, P.E.  
District Engineer/Section Manager  
Division of Surface Water

RAZ/cs

Enclosure

pc: Jerry Neff, WWTP Superintendent  
DSW;NWDO;File

# NPDES COMPLIANCE INSPECTION REPORT

## Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
<u>OH0026841</u>	<u>2PB00032</u>	<u>09/06/17</u>	<u>C</u>	<u>S</u>	<u>1</u>

## Section B: Facility Data

Name and Location of Facility Inspected  Oak Harbor WWTP 355 East Water Oak Harbor, Ohio 43449	Entry Time	Permit Effective Date
	Exit Time	Permit Expiration Date
	10:30 a.m.	07/01/07
	12:00 p.m.	06/30/12

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Jerry Neff, Superintendent	(419) 898-0517

Name, Address and Title of Responsible Official	Phone Number
Mayor & Council Village of Oak Harbor 146 Church Street Oak Harbor, Ohio 43449	

## Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

<u>S</u> Permit	<u>S</u> Flow Measurement	<u>-</u> Pretreatment
<u>S</u> Records/Reports	<u>N</u> Laboratory	<u>S</u> Compliance Schedules
<u>S</u> Operations & Maintenance	<u>S</u> Effluent/Receiving Waters	<u>S</u> Self-Monitoring Program
<u>S</u> Facility Site Review	<u>S</u> Sludge Storage/Disposal	<u>-</u> Other
<u>S</u> Collection System		

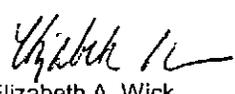
## Section D: Summary of Findings/Comments (Attach additional sheets if necessary)



Richard A. Zuzik, MSE  
Name(s) and Signature(s) of Inspector(s)

7-23-09

Date Ohio EPA, Northwest  
District Office



Elizabeth A. Wick  
Name and Signature of Reviewer

Date Ohio EPA, Northwest  
District Office

Sections E thru K: Complete on all inspections as appropriate. N/A - Not Applicable N/E - Not Evaluated

**Section E: Permit Verification**

	Yes	No	N/A	N/E
INSPECTION OBSERVATIONS VERIFY THE PERMIT				
(a) CORRECT NAME AND MAILING ADDRESS OF PERMITTEE	<u>X</u>	___	___	___
(b) CORRECT NAME AND LOCATION OF RECEIVING WATERS	<u>X</u>	___	___	___
(c) PRODUCT(S) AND PRODUCTION RATES CONFORM WITH PERMIT APPLICATION (INDUSTRIES)	___	___	<u>X</u>	___
(d) FLOWS AND LOADINGS CONFORM WITH NPDES PERMIT PERMIT APPLICATION/BRIEFING MEMO	<u>X</u>	___	___	___
(e) TREAT PROCESSES ARE AS DESCRIBED IN PERMIT APPLICATION/BRIEFING MEMO	___	___	<u>X</u>	___
(f) NEW TREATMENT PROCESS(ES) ADDED SINCE LAST INSPECTION	<u>X</u>	___	___	___
(g) NOTIFICATION GIVEN TO STATE OF NEW, DIFFERENT OR INCREASED DISCHARGES	___	___	<u>X</u>	___
(h) ALL DISCHARGES ARE PERMITTED	<u>X</u>	___	___	___
(i) NUMBER AND LOCATION OF DISCHARGE POINTS ARE AS DESCRIBED IN PERMIT	<u>X</u>	___	___	___

COMMENTS/STATUS:

7 of 9 CSOs eliminated, will remove from permit next renewal.

**Section F: Compliance Schedules/Violations**

	Yes	No	N/A	N/E
(a) ANY SIGNIFICANT VIOLATIONS SINCE THE LAST INSPECTION	___	<u>X</u>	___	___
(b) PERMITTEE IS TAKING ACTIONS TO RESOLVE VIOLATIONS	___	___	<u>X</u>	___
(c) PERMITTEE HAS COMPLIANCE SCHEDULE	<u>X</u>	___	___	___
(d) COMPLIANCE SCHEDULE CONTAINED IN <u>      </u> NPDES <u>      </u>	___	___	___	___
(e) PERMITTEE IS MEETING COMPLIANCE SCHEDULE	<u>X</u>	___	___	___

COMMENTS/STATUS:

Construction of new main interceptor sewer, and 5 mg EQ basin operational 5/09 meeting compliance schedule.

**Section G: Operation and Maintenance**

**TREATMENT WORKS:**

	Yes	No	N/A	N/E
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED				
(a) STANDBY POWER AVAILABLE GENERATOR <u>X</u> DUAL FEED	<u>X</u>	___	___	___
(b) ADEQUATE ALARM SYSTEM AVAILABLE FOR POWER OR EQUIPMENT FAILURES	<u>X</u>	___	___	___
(c) ALL TREATMENT UNITS IN SERVICE OTHER THAN BACKUP UNITS	<u>X</u>	___	___	___
(d) SUFFICIENT OPERATING STAFF PROVIDED # SHIFTS <u>1</u> DAYS/WEEK <u>5</u>	<u>X</u>	___	___	___
(e) OPERATOR HOLDS UNEXPIRED LICENSE OF CLASS REQUIRED BY PERMIT CLASS: <u>II</u>	<u>X</u>	___	___	___
(f) ROUTINE AND PREVENTIVE MAINTENANCE SCHEDULED/PERFORMED ON TIME	<u>X</u>	___	___	___
(g) ANY MAJOR EQUIPMENT BREAKDOWN SINCE LAST INSPECTION	___	<u>X</u>	___	___
(h) OPERATION AND MAINTENANCE MANUAL PROVIDED AND MAINTAINED	<u>X</u>	___	___	___
(i) ANY PLANT BYPASSES SINCE LAST INSPECTION	___	<u>X</u>	___	___
(j) REGULATORY AGENCY NOTIFIED OF BYPASSES <u>   </u> ON MORS <u>   </u> 800 NO. CSOs	<u>X</u>	___	___	___
(k) ANY HYDRAULIC AND/OR ORGANIC OVERLOADS EXPERIENCED SINCE LAST INSPECTION	<u>X</u>	___	___	___

**COLLECTION SYSTEM:**

	Yes	No	N/A	N/E
(a) PERCENT COMBINED SYSTEM <u>60 - 70%</u>				
(b) ANY COLLECTION SYSTEM OVERFLOWS SINCE LAST INSPECTION (CSO <u>X</u> SSO <u>   </u> )	<u>X</u>	___	___	___
(c) REGULATORY AGENCY NOTIFIED OF OVERFLOWS (SSOs)	___	<u>X</u>	___	___
(d) CSO O AND M PLAN PROVIDED AND IMPLEMENTED	<u>X</u>	___	___	___
(e) CSOs MONITORED AND REPORTED IN ACCORDANCE WITH PERMIT	<u>X</u>	___	___	___
(f) PORTABLE PUMPS USED TO RELIEVE SYSTEM	___	<u>X</u>	___	___
(g) LIFT STATION ALARM SYSTEMS PROVIDED AND MAINTAINED	<u>X</u>	___	___	___
(h) ARE LIFT STATIONS EQUIPPED WITH PERMANENT STANDBY POWER OR EQUIVALENT	___	<u>X</u>	___	___
(i) IS THERE AN INFLOW INFILTRATION PROBLEM (SEPARATE SEWER SYSTEM) OR WERE THERE ANY MAJOR REPAIRS TO COLLECTION SYSTEM SINCE LAST INSPECTION	<u>X</u>	___	___	___
(j) ANY COMPLAINTS RECEIVED SINCE LAST INSPECTION OF BASEMENT FLOODING	___	<u>X</u>	___	___
(k) ARE ANY PORTIONS OF THE SEWER SYSTEM AT OR NEAR CAPACITY	___	<u>X</u>	___	___

**COMMENTS/STATUS:**

- \* 7 of 9 CSOs eliminated
- \* 4 lift stations - all w/telemetry, portable pump available
- \* Having problem with one of the density baffles in clarifier
- \* Middle primary septic, plugged w/sludge ATOV

**Section H: Sludge Management**

(a) SLUDGE MANAGEMENT PLAN (SMP)  
SUBMITTED DATE \_\_\_\_\_ APPROVAL # \_\_\_\_\_ NOT SUBMITTED \_\_\_\_\_ N/A \_\_\_\_\_

	Yes	No	N/A	N/E
(b) SLUDGE MANAGEMENT PLAN CURRENT	<u>X</u>	_____	_____	_____
(c) SLUDGE ADEQUATELY DISPOSED (METHOD: _____)	<u>X</u>	_____	_____	_____
(d) IF SLUDGE IS INCINERATED, WHERE IS ASH DISPOSED OF <u>Land Applied</u>	_____	_____	_____	_____
(e) IS SLUDGE DISPOSAL CONTRACTED (NAME: <u>Mid Ohio</u> )	<u>X</u>	_____	_____	_____
(f) HAS AMOUNT OF SLUDGE GENERATED CHANGED SIGNIFICANTLY SINCE LAST INSPECTION	_____	<u>X</u>	_____	_____
(g) ADEQUATE SLUDGE STORAGE PROVIDED AT PLANT	<u>X</u>	_____	_____	_____
(h) LAND APPLICATION SITES MONITORED AND INSPECTED PER SMP	<u>X</u>	_____	_____	_____
(i) RECORDS KEPT IN ACCORDANCE WITH STATE AND FEDERAL LAW	<u>X</u>	_____	_____	_____
(j) ANY COMPLAINTS RECEIVED IN LAST YEAR REGARDING SLUDGE	<u>X</u>	_____	_____	_____
(k) IS SLUDGE ADEQUATELY PROCESSED (DIGESTION, DEWATERING, PATHOGEN CONTROL)	<u>X</u>	_____	_____	_____

COMMENTS/STATUS:

Belt filter press - Class B

Dried solids hauled 2 x / year

**Section I: Self-Monitoring Program**

Part 1. Flow measurement

	Yes	No	N/A	N/E
(a) PRIMARY FLOW MEASURING DEVICE PROPERLY OPERATED & MAINTAINED <u>X</u>	<u>X</u>	_____	_____	_____
TYPE OF DEVICE: <u>X</u> ULTRASONIC & PARSHALL FLUME _____ ULTRASONIC & WEIR _____ WEIR _____ CALCULATED FROM INFLUENT _____ OTHER (Specify _____)	_____	_____	_____	_____
(b) CALIBRATION FREQUENCY ADEQUATE (Date of last calibration <u>04/09</u> )	<u>X</u>	_____	_____	_____
(c) SECONDARY INSTRUMENTS (totalizers, recorders, etc.) PROPERLY OPERATED AND MAINTAINED	<u>X</u>	_____	_____	_____
(d) FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGES OF FLOWS	<u>X</u>	_____	_____	_____
(e) ACTUAL FLOW DISCHARGED IS MEASURED	<u>X</u>	_____	_____	_____
(f) FLOW MEASURING EQUIPMENT INSPECTION FREQUENCY: <u>X</u> DAILY _____ WEEKLY _____ MONTHLY _____ OTHER	_____	_____	_____	_____

COMMENTS/STATUS:

Influent and effluent measured

.370 mgd ATOV

**Part 2. Sampling**

	Yes	No	N/A	N/E
(a) SAMPLING LOCATION(S) ARE AS SPECIFIED BY PERMIT	<u>X</u>	___	___	___
(b) PARAMETERS AND SAMPLING FREQUENCY AGREE WITH PERMIT	<u>X</u>	___	___	___
(c) PERMITTEE USES REQUIRED SAMPLING METHOD	<u>X</u>	___	___	___
(d) SAMPLE COLLECTION PROCEDURES ARE ADEQUATE	<u>X</u>	___	___	___
(i) SAMPLES REFRIGERATED DURING COMPOSITING	<u>X</u>	___	___	___
(ii) PROPER PRESERVATION TECHNIQUES USED	<u>X</u>	___	___	___
(iii) CONTAINERS AND SAMPLE HOLDING TIMES PRIOR TO ANALYSES CONFORM WITH 40 CFR 136.3	<u>X</u>	___	___	___
(e) MONITORING RECORDS (e.g., flow, pH, D.O., etc.) MAINTAINED FOR A MINIMUM OF THREE YEARS INCLUDING ALL ORIGINAL STRIP CHART RECORDINGS (e.g., continuous monitoring instrumentation, calibration and maintenance records)	<u>X</u>	___	___	___
(f) ADEQUATE RECORDS MAINTAINED OF SAMPLING DATE, TIME, EXACT LOCATION, ETC.	<u>X</u>	___	___	___

COMMENTS/STATUS:

**Part 3. Laboratory**

	Yes	No	N/A	N/E
<b>GENERAL</b>				
(a) EPA APPROVED ANALYTICAL TESTING PROCEDURES USED (40 CFR 136.3)	<u>X</u>	___	___	___
(b) IF ALTERNATE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED	___	<u>X</u>	___	___
(c) ANALYSES BEING PERFORMED MORE FREQUENTLY THAN REQUIRED BY PERMIT	___	<u>X</u>	___	___
(d) IF (c) IS YES, ARE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT	<u>X</u>	___	___	___
(e) COMMERCIAL LABORATORY USED	<u>X</u>	___	___	___
(1) PARAMETERS ANALYZED BY COMMERCIAL LAB <u>Metals, O&amp;G, Sludge</u>				

(2) LAB NAME: Jones & Henry

**QUALITY CONTROL/QUALITY ASSURANCE**

(f) QUALITY ASSURANCE MANUAL PROVIDED AND MAINTAINED	<u>X</u>	___	___	___
(g) SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT	<u>X</u>	___	___	___
(h) ADEQUATE RECORDS MAINTAINED	<u>X</u>	___	___	___
(i) RESULTS OF LATEST USEPA QUALITY ASSURANCE PERFORMANCE SAMPLING PROGRAM DATE : <u>N/A</u> ___ SATISFACTORY      ___ MARGINAL      ___ UNSATISFACTORY				

COMMENTS/STATUS:

**Section J: Effluent/Receiving Water Observations**

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	VISIBLE FLOAT SOLIDS	COLOR	OTHER
001	NONE	NONE	SLIGHT	NONE	NONE	NONE	

COMMENTS/STATUS:

**Section K: Multimedia Observations**

	Yes	No	N/A	N/E
(a) ARE THERE INDICATIONS OF SLOPPY HOUSEKEEPING OR POOR MAINTENANCE IN WORK AND STORAGE AREAS OR LABORATORIES	___	<u>X</u>	___	___
(b) DO YOU NOTICE STAINING OR DISCOLORATION OF SOILS, PAVEMENT, OR FLOORS	___	<u>X</u>	___	___
(c) DO YOU NOTICE DISTRESSED (UNHEALTHY, DISCOLORED, DEAD) VEGETATION	___	<u>X</u>	___	___
(d) DO YOU SEE UNIDENTIFIED DARK SMOKE OR DUSTCLOUDS COMING FROM SOURCES OTHER THAN SMOKESTACKS	___	<u>X</u>	___	___
(e) DO YOU NOTICE ANY UNUSUAL ODORS OR STRONG CHEMICAL SMELLS	___	<u>X</u>	___	___
(f) DO YOU SEE ANY OPEN OR UNMARKED DRUMS, UNSECURED LIQUIDS, OR DAMAGED CONTAINMENT FACILITIES?	___	<u>X</u>	___	___

IF ANY OF THE ABOVE ARE OBSERVED, ASK THE FOLLOWING QUESTIONS:

- (1) WHAT IS THE CAUSE OF THE CONDITION?
- (2) IS THE OBSERVED CONDITION OR SOURCE A WASTE PRODUCT?
- (3) WHERE IS THE SUSPECTED CONTAMINANT NORMALLY DISPOSED?
- (4) IS THIS DISPOSAL PERMITTED?
- (5) HOW LONG HAS THE CONDITION EXISTED AND WHEN DID IT BEGIN?

COMMENTS/STATUS:

GUIDE - VISUAL OBSERVATION - UNIT PROCESS

RATING CODES: S = Satisfactory; U = Unsatisfactory; M = Marginal; IN = In Operation; OUT = Out of Operation

	CONDITION OR APPEARANCE	RATING	COMMENTS
General	Grounds	S	
	Buildings	S	
	Potable Water Supply Prot.	S	
	Safety Features	S	
	Bypasses	OUT	SECONDARY
	Stormwater Overflows	OUT	7 of 9 ELIMINATED
	Alternate Power Source	S	BACK-UP GENERATOR
Preliminary	Maintenance of Collection Systems	S	60 - 70% COMBINED
	Pump Station	IN	4 -- 2 VILLAGE, 2 IN COUNTY
	Ventilation	S	
	Bar Screen	OUT	BYPASS
	Disposal of Screenings		
	Comminutor - MUFFIN MONSTER	IN	
	Grit Chamber	IN	
Primary	Disposal of Grit	S	LANDFILL
	EQ BASIN	OUT	5 mg w/DEBRIS NETTING; OPERATIONAL 05/09
	Settling Tanks	IN	MIDDLE TANK SEPTIC - PLUGGED W/SLUDGE - 3 TOTAL
	Scum Removal	IN	
Sludge Disposal	Sludge Removal	IN	
	Effluent	S	GREY
	Digesters	IN	3 AEROBIC
	Temperature and pH	--	
	Gas Production	--	
	Heating Equipment	--	
	Sludge Pumps	IN	5 WAS; 8 RAS
	Drying Beds	--	
	Vacuum Filter	--	
	Disposal of Sludge	S	LAND APPLIED - MID OHIO
Other	BELT FILTER PRESS	OUT	RUN WEEKLY
	Flow Meter and Recorder	IN	
	Records	S	
	Lab Controls	S	
Secondary-Tertiary List items as required	Chemical Treatment	--	NONE
	TRICKLING FILTERS	IN	NORMAL
	FINAL CLARIFIERS	IN	2 ROUND; EAST SIDE STILL BULKING DENSITY BAFFLES INSTALLED 11/08
Disinfection			
	Effluent	S	SLIGHTLY TURBID
	Disinfection System	IN	ULTRA VIOLET
	Effective Dosage	--	
	Contact Time	S	
	Contact Tank	IN	
	Dechlorination	--	
POST AERATION	IN		