



Re: Mendon WWTP
NPDES Permit 2PA00058
Mercer County

September 25, 2013

Mr. Randy Severns, Superintendent
Mendon WWTP
P.O. Box 167
Mendon, Ohio 45862

Dear Mr. Severns:

On September 10, 2013, a Compliance Evaluation Inspection (CEI) was conducted at the Mendon Wastewater Treatment Plant (WWTP). You were present for the inspection and provided a tour and information to me.

The purpose of the inspection was to evaluate compliance with the terms and conditions of your National Pollutant Discharge Elimination System (NPDES) permit and to evaluate the operation and maintenance of the plant. The plant is a three cell lagoon system that operates in series. A Solar Bee is operated in each cell. The system last discharged in April for about one month and will be discharging again in October or November. You have been keeping a logbook, but it is not a bound book as required by the rule. You indicated that you have already ordered bound books for the logbook after an inspection with Drinking Water. A sign was observed at the outfall.

The inspection report shows 127 SSO events. It appears that the final effluent flow was reported at this station 300 as well as station 001. As discussed during the inspection, the 300 table is used to report sanitary sewer overflows from the collection system. These overflows include water in basements, overflows from manholes, etc. If overflows do not occur in the system, no discharge should be marked for that month. Please revise your discharge monitoring reports to make them accurately reflect SSO events.

This inspection was completed in conjunction with the upcoming renewal of your NPDES permit. We are currently working on drafting this permit and you should be receiving a copy in the near future. Please carefully review the permit as there is a 30 day comment period to address any issues that you may have.

If you have any questions or comments concerning the enclosed inspection report, please contact me at 419-373-3019 or e-mail at Michelle.Sharp@epa.ohio.gov.

Sincerely

Michelle Mix
Division of Surface Water

/jlm
Enclosure
ec: Tracking

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
2PA00058	OH0053601	CEI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
9/10/2013	1:30 PM	2:00 PM	No	No

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Mendon WWTP North Washington Street Mendon, Ohio 45862	5/1/2009
	Permit Expiration Date
	4/30/2014
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Randy Severns, Superintendent	(419) 795-7131
Name and Title of Responsible Official	Phone Number
Randy Severns, Superintendent	(419) 795-7131

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
S	NPDES Compliance	
S	Operations & Maintenance	
S	Facility Site Review	
N	Collection System	
N	Flow Measurement	
N	Receiving Waters	System was not discharging during inspection
N	Laboratory	

Comments:

Signatures	
<i>Michelle Mix</i> 9/24/13	<i>Thomas Poffenbarger</i> 9/18/13
Michelle Mix, Inspector Compliance & Enforcement Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E., Reviewer Compliance & Enforcement Supervisor Division of Surface Water Northwest District Office

Compliance Data for Mendon WWTP between 5/1/2009 to 9/1/2013

Summary

Permit Effluent Limit Violations: 5
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: * 31
 Compliance Schedule Milestones Not Entered: 0
 Reported SSO Events: 127

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
April 2011	001	pH	1D Conc	9.0	9.07	4/15/2011
April 2011	001	pH	1D Conc	9.0	9.04	4/25/2011
April 2011	001	pH	1D Conc	9.0	9.86	4/28/2011
April 2011	001	pH	1D Conc	9.0	9.09	4/29/2011
November 2012	001	Total Suspended Solids	30D Conc	65.0	83.6666	11/1/2012

Frequency Violations							
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date	
May 2009	601	pH	1/Day	1	0	5/1/2009	
May 2009	601	pH	1/Day	1	0	5/2/2009	
May 2009	601	pH	1/Day	1	0	5/3/2009	
May 2009	601	pH	1/Day	1	0	5/4/2009	
May 2009	601	pH	1/Day	1	0	5/5/2009	
May 2009	601	pH	1/Day	1	0	5/6/2009	
May 2009	601	pH	1/Day	1	0	5/7/2009	
May 2009	601	pH	1/Day	1	0	5/8/2009	
May 2009	601	pH	1/Day	1	0	5/9/2009	
May 2009	601	pH	1/Day	1	0	5/10/2009	
May 2009	601	pH	1/Day	1	0	5/11/2009	
May 2009	601	pH	1/Day	1	0	5/12/2009	
May 2009	601	pH	1/Day	1	0	5/13/2009	
May 2009	601	pH	1/Day	1	0	5/14/2009	
May 2009	601	pH	1/Day	1	0	5/15/2009	
May 2009	601	pH	1/Day	1	0	5/16/2009	
May 2009	601	pH	1/Day	1	0	5/17/2009	

May	2009	601	pH	1/Day	1	0	5/18/2009
May	2009	601	pH	1/Day	1	0	5/19/2009
May	2009	601	pH	1/Day	1	0	5/20/2009
May	2009	601	pH	1/Day	1	0	5/21/2009
May	2009	601	pH	1/Day	1	0	5/22/2009
May	2009	601	pH	1/Day	1	0	5/23/2009
May	2009	601	pH	1/Day	1	0	5/24/2009
May	2009	601	pH	1/Day	1	0	5/25/2009
May	2009	601	pH	1/Day	1	0	5/26/2009
May	2009	601	pH	1/Day	1	0	5/27/2009
May	2009	601	pH	1/Day	1	0	5/28/2009
May	2009	601	pH	1/Day	1	0	5/29/2009
May	2009	601	pH	1/Day	1	0	5/30/2009
May	2009	601	pH	1/Day	1	0	5/31/2009

Parameter	Units	Date	Reported Value
Overflow Occurrence	No./Month	10/1/2010	0.7555
Overflow Occurrence	No./Month	10/2/2010	0.795
Overflow Occurrence	No./Month	10/3/2010	0.7951
Overflow Occurrence	No./Month	10/4/2010	0.7951
Overflow Occurrence	No./Month	10/5/2010	0.7011
Overflow Occurrence	No./Month	10/6/2010	0.6904
Overflow Occurrence	No./Month	10/7/2010	0.7857
Overflow Occurrence	No./Month	10/8/2010	0.7331
Overflow Occurrence	No./Month	10/9/2010	0.5921
Overflow Occurrence	No./Month	10/10/2010	0.5922
Overflow Occurrence	No./Month	10/11/2010	0.5922
Overflow Occurrence	No./Month	10/12/2010	0.3351
Overflow Occurrence	No./Month	10/13/2010	0.3544
Overflow Occurrence	No./Month	10/14/2010	0.379
Overflow Occurrence	No./Month	10/15/2010	0.7159
Overflow Occurrence	No./Month	10/16/2010	0.5555
Overflow Occurrence	No./Month	10/17/2010	0.5555
Overflow Occurrence	No./Month	10/18/2010	0.5555
Overflow Occurrence	No./Month	10/19/2010	0.5282
Overflow Occurrence	No./Month	10/20/2010	0.3398
Overflow Occurrence	No./Month	10/21/2010	0.3857
Overflow Occurrence	No./Month	10/22/2010	0.2986

Overflow Occurrence	No./Month	10/23/2010	0.219
Overflow Occurrence	No./Month	10/24/2010	0.219
Overflow Occurrence	No./Month	10/25/2010	0.219
Overflow Occurrence	No./Month	10/26/2010	0.2828
Overflow Occurrence	No./Month	10/27/2010	0.302
Overflow Occurrence	No./Month	10/28/2010	0.356
Overflow Occurrence	No./Month	4/1/2011	0.9087
Overflow Occurrence	No./Month	4/2/2011	0.9688
Overflow Occurrence	No./Month	4/3/2011	0.9688
Overflow Occurrence	No./Month	4/4/2011	0.9688
Overflow Occurrence	No./Month	4/5/2011	0.9464
Overflow Occurrence	No./Month	4/6/2011	0.9567
Overflow Occurrence	No./Month	4/7/2011	0.9394
Overflow Occurrence	No./Month	4/8/2011	0.8879
Overflow Occurrence	No./Month	4/9/2011	0.8652
Overflow Occurrence	No./Month	4/10/2011	0.8652
Overflow Occurrence	No./Month	4/11/2011	0.8652
Overflow Occurrence	No./Month	4/12/2011	0.8577
Overflow Occurrence	No./Month	4/13/2011	0.8067
Overflow Occurrence	No./Month	4/14/2011	0.7887
Overflow Occurrence	No./Month	4/15/2011	0.7371
Overflow Occurrence	No./Month	4/16/2011	0.6663
Overflow Occurrence	No./Month	4/17/2011	0.6663
Overflow Occurrence	No./Month	4/18/2011	0.6663
Overflow Occurrence	No./Month	4/19/2011	0.5629
Overflow Occurrence	No./Month	4/20/2011	0.5547
Overflow Occurrence	No./Month	4/21/2011	0.5224
Overflow Occurrence	No./Month	4/22/2011	0.5108
Overflow Occurrence	No./Month	4/23/2011	0.4654
Overflow Occurrence	No./Month	4/24/2011	0.4654
Overflow Occurrence	No./Month	4/25/2011	0.4654
Overflow Occurrence	No./Month	4/26/2011	0.315
Overflow Occurrence	No./Month	4/27/2011	0.3124
Overflow Occurrence	No./Month	4/28/2011	0.3106
Overflow Occurrence	No./Month	4/29/2011	0.2748
Overflow Occurrence	No./Month	4/30/2011	0.2654
Overflow Occurrence	No./Month	11/1/2011	0.6428
Overflow Occurrence	No./Month	11/2/2011	1.148
Overflow Occurrence	No./Month	11/3/2011	1.1571
Overflow Occurrence	No./Month	11/4/2011	1.0883
Overflow Occurrence	No./Month	11/5/2011	1.0091
Overflow Occurrence	No./Month	11/6/2011	1.0091
Overflow Occurrence	No./Month	11/7/2011	1.0091

Overflow Occurrence	No./Month	11/8/2011	1.0512
Overflow Occurrence	No./Month	11/9/2011	0.996
Overflow Occurrence	No./Month	11/10/2011	1.2334
Overflow Occurrence	No./Month	11/11/2011	1.1561
Overflow Occurrence	No./Month	11/12/2011	0.9766
Overflow Occurrence	No./Month	11/13/2011	0.9766
Overflow Occurrence	No./Month	11/14/2011	0.9766
Overflow Occurrence	No./Month	11/15/2011	0.9506
Overflow Occurrence	No./Month	11/16/2011	0.9023
Overflow Occurrence	No./Month	11/17/2011	0.8874
Overflow Occurrence	No./Month	11/18/2011	0.8763
Overflow Occurrence	No./Month	11/19/2011	0.7935
Overflow Occurrence	No./Month	11/20/2011	0.7935
Overflow Occurrence	No./Month	11/21/2011	0.7935
Overflow Occurrence	No./Month	11/22/2011	0.8242
Overflow Occurrence	No./Month	11/23/2011	0.7782
Overflow Occurrence	No./Month	11/24/2011	0.7246
Overflow Occurrence	No./Month	11/25/2011	0.7246
Overflow Occurrence	No./Month	11/26/2011	0.6647
Overflow Occurrence	No./Month	11/27/2011	0.6647
Overflow Occurrence	No./Month	11/28/2011	0.6647
Overflow Occurrence	No./Month	11/29/2011	0.6364
Overflow Occurrence	No./Month	11/30/2011	0.6128
Overflow Occurrence	No./Month	5/1/2012	1.0092
Overflow Occurrence	No./Month	5/2/2012	1.0064
Overflow Occurrence	No./Month	5/3/2012	1.0032
Overflow Occurrence	No./Month	5/4/2012	1.4608
Overflow Occurrence	No./Month	5/5/2012	1.584
Overflow Occurrence	No./Month	5/6/2012	1.584
Overflow Occurrence	No./Month	5/7/2012	1.584
Overflow Occurrence	No./Month	5/8/2012	1.5351
Overflow Occurrence	No./Month	5/9/2012	1.3227
Overflow Occurrence	No./Month	5/10/2012	1.1854
Overflow Occurrence	No./Month	5/11/2012	1.0248
Overflow Occurrence	No./Month	5/12/2012	1.1445
Overflow Occurrence	No./Month	5/13/2012	1.1446
Overflow Occurrence	No./Month	5/14/2012	1.1446
Overflow Occurrence	No./Month	5/15/2012	1.2383
Overflow Occurrence	No./Month	5/16/2012	0.9485
Overflow Occurrence	No./Month	5/17/2012	1.0937
Overflow Occurrence	No./Month	5/18/2012	1.0898
Overflow Occurrence	No./Month	5/19/2012	0.718
Overflow Occurrence	No./Month	5/20/2012	0.718

Overflow Occurrence	No./Month	5/21/2012	0.718
Overflow Occurrence	No./Month	5/22/2012	0.4307
Overflow Occurrence	No./Month	5/23/2012	0.5382
Overflow Occurrence	No./Month	5/24/2012	0.4965
Overflow Occurrence	No./Month	5/25/2012	0.4813
Overflow Occurrence	No./Month	5/26/2012	0.5739
Overflow Occurrence	No./Month	5/27/2012	0.5739
Overflow Occurrence	No./Month	5/28/2012	0.5739
Overflow Occurrence	No./Month	5/29/2012	0.4069
Overflow Occurrence	No./Month	5/30/2012	0.4479
Overflow Occurrence	No./Month	5/31/2012	0.3912
Overflow Occurrence	No./Month	11/1/2012	0.72
Overflow Occurrence	No./Month	11/2/2012	0.648
Overflow Occurrence	No./Month	11/3/2012	0.576
Overflow Occurrence	No./Month	11/4/2012	0.576
Overflow Occurrence	No./Month	11/5/2012	0.576
Overflow Occurrence	No./Month	11/6/2012	0.5163
Overflow Occurrence	No./Month	11/7/2012	0.5307
Overflow Occurrence	No./Month	11/8/2012	0.5154
Overflow Occurrence	No./Month	11/9/2012	0.5277
Overflow Occurrence	No./Month	11/10/2012	0.4971
Overflow Occurrence	No./Month	11/11/2012	0.4971
Overflow Occurrence	No./Month	11/12/2012	0.4971
Overflow Occurrence	No./Month	11/13/2012	0.6996
Overflow Occurrence	No./Month	11/14/2012	0.7472
Overflow Occurrence	No./Month	11/15/2012	0.6788
Overflow Occurrence	No./Month	11/16/2012	0.6724
Overflow Occurrence	No./Month	11/17/2012	0.6106
Overflow Occurrence	No./Month	11/18/2012	0.6106
Overflow Occurrence	No./Month	11/19/2012	0.6106
Overflow Occurrence	No./Month	11/20/2012	0.575
Overflow Occurrence	No./Month	11/21/2012	0.7441
Overflow Occurrence	No./Month	4/1/2013	0.9416
Overflow Occurrence	No./Month	4/2/2013	0.8978
Overflow Occurrence	No./Month	4/3/2013	0.9363
Overflow Occurrence	No./Month	4/4/2013	0.9148
Overflow Occurrence	No./Month	4/5/2013	0.9652
Overflow Occurrence	No./Month	4/6/2013	0.9126
Overflow Occurrence	No./Month	4/7/2013	0.9126
Overflow Occurrence	No./Month	4/8/2013	0.9126
Overflow Occurrence	No./Month	4/9/2013	0.9233
Overflow Occurrence	No./Month	4/10/2013	0.9216
Overflow Occurrence	No./Month	4/11/2013	0.9361

Overflow Occurrence	No./Month	4/12/2013	0.9266
Overflow Occurrence	No./Month	4/13/2013	0.9452
Overflow Occurrence	No./Month	4/14/2013	0.9452
Overflow Occurrence	No./Month	4/15/2013	0.9452
Overflow Occurrence	No./Month	4/16/2013	0.8963
Overflow Occurrence	No./Month	4/17/2013	0.8651
Overflow Occurrence	No./Month	4/18/2013	0.8593
Overflow Occurrence	No./Month	4/19/2013	0.8162
Overflow Occurrence	No./Month	4/20/2013	0.7653
Overflow Occurrence	No./Month	4/21/2013	0.7653
Overflow Occurrence	No./Month	4/22/2013	0.7653
Overflow Occurrence	No./Month	4/23/2013	0.7358
Overflow Occurrence	No./Month	4/24/2013	0.6256
Overflow Occurrence	No./Month	4/25/2013	0.5764
Overflow Occurrence	No./Month	4/26/2013	0.5248
Overflow Occurrence	No./Month	4/27/2013	0.4769
Overflow Occurrence	No./Month	4/28/2013	0.4769
Overflow Occurrence	No./Month	4/29/2013	0.4769
Overflow Occurrence	No./Month	4/30/2013	0.4182

Flow Data for Mendon WWTP between 5/1/2009 and 1/1/2014

	Date	Flows (MGD)
Ten Highest Flows	11/2/2009	2.291
	5/5/2012	1.584
	5/6/2012	1.584
	5/7/2012	1.584
	5/8/2012	1.535
	5/4/2012	1.461
	11/25/2009	1.390
	5/9/2012	1.323
	5/15/2012	1.238
	11/10/2011	1.233
Average Flow Rate		0.780