Ohio | Environmental Protection Agency

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

1PZ0004520110330

WARREN JOY OUTDOOR EDUCATION CENTER WALLER, MICHELLE 2011/03/30

50 West Town Street, Suite 700
P.O. Box 1049
Columbus, OH 43216-1049

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Ohio | **Environmental Protection Agency**
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

March 30, 2011

Mr. Robert E. Miller, Jr.
Facility Director
Joy Outdoor Education Center, LLC.
Clarksville, Ohio 45113

Re: Joy Outdoor Education Center /Compliance Evaluation Inspection and **Notice of Violation**, NPDES Permit No. OH105392/OEPA Permit No. 1PA00045*AD

Mr. Miller:

On March 21, 2011 I conducted an NPDES Compliance Evaluation Inspection at the Joy Outdoor Education Center, during which you were present. The purpose of the inspection was to evaluate compliance with the terms and conditions of the facility's NPDES Permit.

All areas of the treatment facility appeared to be working properly with the exception of the one sludge drying bed which was flooded but out of service waiting to drain and be cleaned.

As discussed during the inspection, I have also reviewed your Discharge Monitoring Reports (DMRs) covering the months of February 2010 to February 2011 for the Joy Outdoor Education Center. My review indicates limit violations of the conditions of your NPDES Permit. The specific instances of noncompliance are noted at the end of the inspection report.

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES Permit may be cause for enforcement action pursuant to the Ohio Revised Code Chapter 6111.

We have reviewed your reports addressing the reasons for the above violations and the actions being taken to prevent further occurrences. No additional information is requested at this time. Future violations must continue to be reported as required by the NPDES Permit as detailed in Part III.12 titled "Noncompliance Notification".

If you have any questions, please contact me at (937) 285-6028 or michelle.waller@epa.state.oh.us.

Sincerely,

Michelle Waller

Michelle Waller
Division of Surface Water
michelle.waller@epa.state.oh.us

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**
1PZ00045*AD	OH0105392	3/21/2011	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Joy Outdoor Education Center 10117 Old 3-C Highway Clarksville, Ohio 45113	12:50PM	3/1/2007
	Exit Time	**Permit Expiration Date**
	1:50PM	2/29/2012
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Robert Miller – Facility Director	(937) 289-2031 ext. 223	
Name(s), Address and Title(s) of Operator of Record	**Phone Number(s)**	
Robert Miller – Class A Operator 10117 Old 3-C Highway P.O. Box 157 Clarksville, Ohio 45113	(937) 289-2031 ext. 223	
Name, Address and Title of Responsible Official	**Phone Number**	
Robert Miller 10117 Old 3-C Highway P.O. Box 157 Clarksville, Ohio 45113	(937) 289-2031 ext. 223	

Ohio EPA Inspector	Ohio EPA Reviewer
Michelle Waller 3/30/11	Martyn G Burt 3/30/11
Michelle Waller Division of Surface Water Southwest District Office Date	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office Date

Average Daily Design Flow:	12,000 Gallons/Day
Plant Serves:	*Number varies – seasonal camp*
Average Daily Flow: (Period of Review):	5,036 Gallons/Day (2/1/2010 – 2/1/2011)
Method of flow monitoring:	Flow meter
Type of alarms for plant:	EQ tank has a visual alarm

Pretreatment

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

Comments/Status:

Grease trap is pumped out once per month.

Secondary Treatment (Aeration)

Color of sludge: **Light Brown**
Quality of Sludge: **Thin**
Foam: **Light (white)**
Odor: **No objectionable odor present**

	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:

Secondary Treatment (Settling)

Clarity: **Clear**
Condition of Weir: **Some Algae/Solids Build Up**
Weir is level: **Yes**
Effluent in weir: **Clear**
Clarifier walls need scraped: **No**

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

Comments/Status:

Scraped once per month.

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: **Good**

Comments/Status:

Heavy rains sometimes wash solids through. The sand beds are alternated weekly. One is currently flooded, draining slowly while the other bed is in use.

Sludge Handling/Storage Disposal

Hauler name: Neal Septic Service
Disposal Site: Wilmington WWTP
Sludge wasted from: Sludge tank
How often is sludge wasted: Once per month when busy
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Excellent**

Comments/Status:

Sludge hasn't been hauled since December.

Plant Discharge

Discharge point is a: **Ravine**
Name of discharge point:
Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:

EFFLUENT LIMIT VIOLATIONS
(Period of Review: 2/2010 – 2/2011)

7D = Weekly 30D = Monthly 1D = Daily Conc. = Concentration (mg/l) Qty.= Quantity (Kg/Day)

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
February 2010	Nitrogen, Ammonia (NH3	30D Conc	3.0	7.57	2/1/2010
February 2010	Nitrogen, Ammonia (NH3	30D Qty	0.14	.30372	2/1/2010
February 2010	Nitrogen, Ammonia (NH3	1D Conc	4.5	7.57	2/25/2010
February 2010	Nitrogen, Ammonia (NH3	1D Qty	0.2	.30372	2/25/2010
May 2010	CBOD 5 day	30D Conc	10	12.4	5/1/2010
May 2010	Dissolved Oxygen	1D Conc	6.0	.	5/21/2010
May 2010	Chlorine, Total Residu	1D Conc	0.019	.16	5/27/2010
June 2010	CBOD 5 day	30D Conc	10	26.7	6/1/2010
June 2010	CBOD 5 day	30D Qty	0.5	.87922	6/1/2010
June 2010	CBOD 5 day	1D Conc	15	26.7	6/24/2010
June 2010	CBOD 5 day	1D Qty	0.7	.87922	6/24/2010
June 2010	Chlorine, Total Residu	1D Conc	0.019	.21	6/24/2010
July 2010	Chlorine, Total Residu	1D Conc	0.019	.16	7/7/2010
July 2010	Chlorine, Total Residu	1D Conc	0.019	.15	7/22/2010
August 2010	CBOD 5 day	30D Conc	10	11.8	8/1/2010
August 2010	Chlorine, Total Residu	1D Conc	0.019	.19	8/25/2010
September 2010	CBOD 5 day	30D Conc	10	11.2	9/1/2010
October 2010	Nitrogen, Ammonia (NH3	30D Conc	1.0	6.04	10/1/2010
October 2010	Nitrogen, Ammonia (NH3	30D Qty	0.05	.11431	10/1/2010
October 2010	CBOD 5 day	30D Conc	10	18.	10/1/2010
October 2010	Nitrogen, Ammonia (NH3	1D Conc	1.5	6.04	10/28/2010
October 2010	CBOD 5 day	1D Conc	15	18.	10/28/2010
November 2010	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.08	11/1/2010
November 2010	CBOD 5 day	30D Conc	10	10.5	11/1/2010
November 2010	Nitrogen, Ammonia (NH3	1D Conc	4.5	5.08	11/23/2010