



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

December 20, 2011

Brian Smith, Director
National Trails Local School District
6940 Oxford-Gettysburg Rd.
New Paris, Ohio 45347

RE: National Trails High School WWTP Compliance Enforcement Inspection (CEI)

Dear Mr. Smith:

On December 16, 2011, I conducted a CEI at the National Trails High School WWTP. Gary Wagner represented this facility. A copy of my inspection report is enclosed. Nothing was found to be deficient.

I appreciate the time and courtesy that was extended to me during the inspection. If you have any questions or comments concerning the contents of this letter, please feel free to contact me at this office.

Sincerely,

Maureen M. Ware
Division of Surface Water

Enclosures

Ec: Gary Wagner (gwagner2@woh.rr.com)
Ec: Preble County Health Dept.

Permit #: 1PT00082
 NPDES #: OH0118966

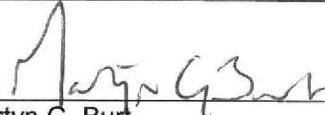


State of Ohio Environmental Protection Agency
 Southwest District Office

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 |
| 1PT00082 | OH0118966 | 12/16/11 | C | S | 2 |

| Section B: Facility Data | | |
|---|-----------------|------------------------|
| Name and Location of Facility Inspected | Entry Time | Permit Effective Date |
| National Trails High School 6940 Oxford Gettysburg Rd New Paris, Ohio 45347 | 1:40PM | 5/1/2007 |
| | Exit Time | Permit Expiration Date |
| | 2:10PM | 4/30/2012 |
| Name(s) and Title(s) of On-Site Representatives | Phone Number(s) | |
| Gary Wagner, ORC | 937-533-0082 | |
| Name(s), Address and Title(s) of Operator of Record | Phone Number(s) | |
| Gary Wagner, ORC | 937-533-0082 | |
| Name, Address and Title of Responsible Official | Phone Number | |
| National Trail Local School District 6940 Oxford Gettysburg Rd. New Paris, Ohio 45347 | | |

| Ohio EPA Inspector | Ohio EPA Reviewer |
|---|---|
|  Maureen M. Ware Division of Surface Water Southwest District Office Date 12/20/11 |  Martyn G. Burt Environmental Supervisor Division of Surface Water Southwest District Office Date 12/20/11 |

Permit # : 1PT00082
 NPDES # : OH0118966

| | |
|--|---|
| Average Daily Design Flow: | 30,000 Gallons/Day |
| Plant Serves: | High School |
| Average Daily Flow: (Period of Review): | 7,400 Gallons/Day (12/1/2010-10/31/2011) |
| Method of flow monitoring: | Pump meter |
| Type of alarms for plant: | audio |

Pretreatment

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

Comments/Status:

Trash trap is pumped once per year.

**Secondary Treatment
(Aeration)**

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

| | Yes | No | | Yes | No |
|----------------------------|-------------------------------------|--------------------------|------------------------|-------------------------------------|-------------------------------------|
| Aeration is taking place | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Plant is septic | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Blowers are operating | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Blowers are on a timer | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Skimmers are operating | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Plant is flooded | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Diffusers are operating | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Grating is present | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Sludge return is operating | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |

Maintenance of aerating equipment is...**Excellent**

Comments/Status:

Grating is present outside the building that contains all units except EQ, disinfection, and sand filters.

**Secondary Treatment
(Settling)**

Clarity: **Clear**
 Condition of Weir: **Clean**
 Weir is level: **Yes**

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Effluent in weir: **Clear**
Clarifier walls need scraped: **No**

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

Comments/Status:

Tertiary Treatment

| | Yes | No | | Yes | No |
|-----------------------------------|-------------------------------------|-------------------------------------|------------------------|-------------------------------------|-------------------------------------|
| Surface sand Filters: Slow | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Subsurface | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Distribution box operating | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Beds alternated | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Are filters ponding/flooding | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Beds raked | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Sand filters overgrown | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Chlorination present | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| UV present | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Dechlorination present | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Overall maintenance of components is: **Excellent**

Comments/Status:

chlorination is not present due to it not being disinfection season.

Sludge Handling/Storage Disposal

Hauler name: Freck
Disposal Site: New Madison WWTP and New Paris WWTP
Sludge wasted from: Sludge holding tank
How often is sludge wasted: once per year
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Excellent**

Comments/Status:

Plant Discharge

Discharge point is a: **an enclosed pipe to Seven Mile Creek**
Name of discharge point: **Seven Mile Creek**
Discharge is visible: **No** Quality of Effluent: **Clear**

Comments/Status:

Effluent was clear leaving the dechlorination area.

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EFFLUENT LIMIT VIOLATIONS
(Period of Review: 9/1/2006-11/30/2010)

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

| <u>Month Reported</u> | <u>Parameter</u> | <u>Frequency / Units</u> | <u>Limit</u> | <u>Value</u> |
|-----------------------|------------------|--------------------------|--------------|--------------|
| Aug. 2011 | Chlorine Resid. | Daily Maximum | 0.038 | 0.06 |