OHIO E.P.A.

BEFORE THE
OHIO ENVIRONMENTAL PROTECTION AGENCY

ENTERED DIRECTOR'S JOURNAL

In the matter of:

Jacques Mobile Home Park LP :
12860 Mayfield Road :
Chardon, Ohio 44024 :

Director's Final Findings and Orders

Respondent:

PREAMBLE

It is agreed by the parties hereto as follows:

I. JURISDICTION

These Director's Final Findings and Orders ("Orders") are issued to Jacques Mobile Home Park LP ("Respondent") pursuant to the authority vested in the Director of the Ohio Environmental Protection Agency ("Ohio EPA") under Ohio Revised Code ("ORC") §§ 6111.03, and 3745.01.

II. PARTIES BOUND

These Orders shall apply to and be binding upon Respondent and its successors in interest liable under Ohio law.

III. DEFINITIONS

Unless otherwise stated, all terms used in these Orders shall have the same meaning as defined in ORC Chapter 6111 and the rules promulgated there under.

IV. FINDINGS

The Director of Ohio EPA has determined the following findings:

1. Respondent owns and operates a wastewater treatment plant ("WWTP") located at 12860 Mayfield Road, Chardon Ohio, 44024.

2. Respondent holds a valid, unexpired National Pollutant Discharge Elimination System ("NPDES") permit, number 3PV00007*ED, for the discharges from the WWTP.

3. Respondent discharges to an unnamed tributary of West Branch of the Cuyahoga River. The Respondent discharges to "waters of the state" as defined by ORC Section 6111.01.

4. This document does not modify NPDES Permit No. 3PV00007*ED. The purpose of this document is to correct a condition of noncompliance with NPDES Permit No. 3PV00007*ED and not to alter said permit.

5. Pursuant to ORC Section 6111.04(C), no person to whom a permit has been issued shall place or discharge, or cause to be placed or discharged, in any waters of the state any sewage, sludge, sludge materials, industrial waste, or other wastes in excess of the permissive discharges specified under an existing permit.

6. Pursuant to ORC Section 6111.07(A), no person shall violate or fail to perform any duty imposed by ORC Sections 6111.01 to 6111.08 or violate any order, rule, or term or condition of a permit issued or adopted by the Director of Ohio EPA pursuant to those sections. Each day of violation is a separate offense.

7. The Ohio EPA has sent Respondent at least two (2) Notice of Violations ("NOVs") in an effort to address the compliance issues at the WWTP. Attachment I contains three of the Respondent's NOV letters. Attachment I is hereby incorporated into these Findings and Orders as if fully stated herein.

8. The following Orders do not constitute authorization or approval of the construction of any physical structure or facilities, or the modification of any existing treatment works or sewer system. Any such construction or modification is subject to the PTI requirements of Ohio Administrative Code ("OAC") Chapter 3745-42.

9. Compliance with the ORC Chapter 6111 is not contingent upon the availability or receipt of financial assistance.

10. The Director has given consideration to, and based his determination on, evidence relating to the technical feasibility and economic reasonableness of complying with these Orders and to evidence relating to conditions calculated to result from compliance with these Orders, and its relation to the benefits to the people of the State to be derived from such compliance in accomplishing the purposes of ORC Chapter 6111.

V. ORDERS

The Director hereby issues the following Orders:

1. Respondent shall not cause, permit or allow the installation or modification of a disposal system at any location in Ohio without first receiving a permit to install (PTI) or plan approval from the Director as required by OAC Rule 3745-42-02 and ORC 6111.45.

2. Respondent shall comply with the requirements below in subsection a. as expeditiously as practicable, but not later than the milestone dates of the following compliance schedules:

    a. Within one hundred and fifty (150) days of the effective date of these Orders, Respondent shall submit to Ohio EPA a complete and approvable PTI application and detail plans for upgrading the current collection system and WWTP including upgrading the flow equalization tank.

3. Respondent shall submit revisions to the PTI application and detailed plans, for Order 2 within thirty (30) days of receipt of notification of deficiencies from Ohio EPA. Revisions shall be submitted to Ohio EPA in accordance to Section X. of these Orders.

4. Within sixty (60) days of the effective date of these Orders, Respondent must submit to Ohio EPA NEDO the "Smoke Testing Report" and all other findings from any sanitary sewer investigations including the smoke test, manhole investigation and sanitary sewer connections.

5. Respondent shall commence construction of the upgrades to the WWTP (Order 2) in accordance with the approved PTI within thirty (30) days of approval of the PTI, unless a later date for commencing construction is approved in the PTI.

6. Respondent shall complete construction of the upgrades to the WWTP (Order 2) in accordance with the approved PTI within ninety (90) days of approval of the PTI, unless a later date for commencing construction is approved in the PTI.

7. Until the date specified in the schedule listed in Order No. 6 in which Respondent's WWTP is able to attain compliance with final effluent limitations in its currently-effective NPDES permit, No., 3PV00007*ED, or any successor permit, Respondent shall properly operate and maintain its existing WWTP to achieve the best quality effluent possible.

8. Respondent shall pay the amount of five thousand dollars ($5,000) in settlement of Ohio EPA's claims for civil penalties, which may be assessed pursuant to ORC Chapter 6111. Within thirty (30) days after the effective date of these Orders, payment to Ohio EPA shall be made by an official check made payable to "Treasurer, State of Ohio". The official check shall be submitted to Brenda Case, or her successor, together with a letter identify the Respondent, to:

    Office of Fiscal Administration
    Ohio Environmental Protection Agency
    P.O. Box 1049
    Columbus, Ohio 43216-1049

A copy of the check shall be sent to Mark Mann, Environmental Manager, Storm Water and Enforcement Section, or his successor, at the following address:

Ohio EPA
Division of Surface Water
P.O. Box 1049
Columbus, Ohio 43216-1049

VI. TERMINATION

Respondent's obligations under these Orders shall terminate when Respondent certifies in writing and demonstrates to the satisfaction of Ohio EPA that Respondent has performed all obligations under these Orders and the Chief of Ohio EPA's Division of Surface Water acknowledges, in writing, the termination of these Orders. If Ohio EPA does not agree that all obligations have been performed, then Ohio EPA will notify Respondent of the obligations that have not been performed, in which case Respondent shall have an opportunity to address any such deficiencies and seek termination as described above.

The certification shall contain the following attestation: "I certify that the information contained in or accompanying this certification is true, accurate and complete."

This certification shall be submitted by Respondent to Ohio EPA and shall be signed by a responsible official of the Respondent. For purposes of these Orders, a responsible official is defined in OAC Rule 3745-33-03(D)(1) for a corporation, OAC Rule 3745-33-03(D)(2) for a partnership, OAC Rule 3745-33-03(D)(3) for a sole proprietorship, and OAC Rule 3745-33-03(D)(4) for a municipal, state, or other public facility.

VII. OTHER CLAIMS

Nothing in these Orders shall constitute or be construed as a release from any claim, cause of action or demand in law or equity against any person, firm, partnership or corporation, not a party to these Orders, for any liability arising from, or related to activities occurring on or at the site.

VIII. OTHER APPLICABLE LAWS

All actions required to be taken pursuant to these Orders shall be undertaken in accordance with the requirements of all applicable local, state and federal laws and regulations. These Orders do not waive or compromise the applicability and enforcement of any other statutes or regulations applicable to Respondent.

IX. MODIFICATIONS

These Orders may be modified by agreement of the parties hereto. Modifications shall be in writing and shall be effective on the date entered in the journal of the Director of Ohio EPA.

X. RESERVATION OF RIGHTS

Ohio EPA and Respondent each reserve all rights, privileges and causes of action, except as specifically waived in Section XI of these Orders.

XI. WAIVER

In order to resolve disputed claims, without admission of fact, violation or liability, and in lieu of further enforcement action by Ohio EPA for only the violations specifically cited in these Orders, Respondent consents to the issuance of these Orders and agrees to comply with these Orders. Compliance with these Orders shall be a full accord and satisfaction for Respondent's liability for the violations specifically cited herein.

Respondent hereby waives the right to appeal the issuance, terms and conditions, and service of these Orders, and Respondent hereby waives any and all rights Respondent may have to seek administrative or judicial review of these Orders either in law or equity.

Notwithstanding the preceding, Ohio EPA and Respondent agree that if these Orders are appealed by any other party to the Environmental Review Appeals Commission, or any court, Respondent retains the right to intervene and participate in such appeal. In such an event, Respondent shall continue to comply with these Orders notwithstanding such appeal and intervention unless these Orders are stayed, vacated or modified.

XII. EFFECTIVE DATE

The effective date of these Orders is the date these Orders are entered into the Ohio EPA Director's journal.

XIII. SIGNATORY AUTHORITY

Each undersigned representative of a party to these Orders certifies that he or she is fully authorized to enter into these Orders and to legally bind such party to these Orders.

IT IS SO ORDERED AND AGREED:

Ohio Environmental Protection Agency

Scott J. Nally, Director — **Date** 5/10/12

IT IS SO AGREED:

Jacques Mobile Home Park LP

Signature — Date 4-24-12.

MARK COLEMAN
Printed or Typed Name

MANAGING MEMBER
Title

Attachment 1

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

June 24, 2008

RE: GEAUGA COUNTY
CLARIDON TOWNSHIP
JACQUES MOBILE HOME PARK
NPDES #3PV00007*ED/OH0044491

CERTIFIED MAIL

Mr. Mark Coleman
Managing Member of General Partnership
990 Beach Avenue, Suite 114
Vancouver, B.C., Canada V6Z 2N9

Dear Mr. Coleman:

I recently conducted a compliance evaluation inspection of the Wastewater Treatment Plant (WWTP) serving Jacques Mobile Home Park, owned by your corporation and operated under NPDES Discharge permit that you signed the application for, #3PV00007*ED. On the plant inspection, I was accompanied by Helen Hayes, representing Geauga County Health Department.

The WWTP operation is unsatisfactory. A review of plant performance records shows that since January 1, 2007, there have been 181 instances when the plant violated permitted limits for the discharge. There have been 26 instances when daily plant performance measurements were not reported. The entire months of September 2007, March 2008, and April 2008 have no performance reports submitted. Sixteen of the seventeen months reported are in violation because of violating permitted limits or failure to report one or more parameters. Most permitted facilities operate successfully with a very small number of permit violations. This office is prepared to refer each of these violations to our legal department for enforcement action. Each of these violations of Ohio Revised Code 6111 can result in fines of up to $25,000 per day of occurrence.

The plant comprises a trash trap, flow equalization tank, aeration tanks, clarifiers, dosing tank, two slow surface sand filters, and a UV disinfection system. At the time of the physical inspection, the plant was producing a cloudy, visually unacceptable quality effluent.

The clarifiers were covered with solids, and the north sand filter was flooded during the inspection. The south sand filter was covered with wastewater solids and vegetation, including cattails. These sand filters appear to be in need of a thorough inspection of the filter media, careful removal of all vegetation, replacement of missing filter sand, and raking to a level surface. It may be necessary to replace all of the filter media.

Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1924

330 | 963 1200
330 | 487 0769 (fax)
www.epa.ohio.gov

The disinfection process, a UV system, is not functional as installed. It appears to have been installed without a permit-to-install from the Director of Ohio EPA. Last summer, your effluent violated permit limits for E.Coli bacteria eleven times. The installation is not a standard design. The UV bulbs are suspended above the surface of the water which is covered with scum. Ultraviolet light must impinge upon the bacteria in the water to disinfect. A normal installation places the UV bulbs into the flow of clear water to gain proximity to the bacteria.

This office is prepared to refer each of the above-described violations to our legal department for enforcement action. Each of these violations of Ohio Revised Code 6111 can result in fines of up to $25,000 per day of occurrence

You should hire a professional engineer to evaluate your entire plant to determine causes of the failure to meet permit limits. You may have a defective plant, or poor operation, or other causes for the very high violation count. The many shortcomings at your wastewater treatment plant suggest that your early attention to operation and maintenance and necessary capital improvements is necessary.

Please respond to this letter in writing by July 16, 2008, describing corrective actions and the schedule you intend to accomplish in order to bring your wastewater treatment plant into compliance with your NPDES Permit #3PV00007*ED.

Contact me directly at (330) 963-1260 or at Doug.Hiestand@epa.state.oh.us to discuss any comments or questions you may have regarding this letter.

Sincerely,

Douglas Hiestand
Environmental Engineer
Division of Surface Water

DH/mt

enc: Tables of violations

cc: Richard Vyeno
Steve Howe, Chief of Operations, AKE Laboratory, Inc.
Helen Hayes, Geauga County Health Department

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

March 5, 2010

RE: GEAUGA COUNTY
CLARIDON TWP.
JACQUES MHP
NPDES #3PV00007*ED

CERTIFIED MAIL

Mr. Mark Coleman
Managing Member of General Partnership
990 Beach Avenue, Suite 114
Vancouver, B.C., Canada V6Z 2N9

Dear Mr. Coleman:

On March 2, 2010, this writer, accompanied by Dave Sage of the Geauga County Health Department, conducted an unannounced Compliance Evaluation Inspection (CEI) of the Jacques Mobile Home Park. The intent of the inspection was to determine the condition of the treatment plant and evaluate compliance with your NPDES permit.

A review of the wastewater treatment plant discharge monitoring reports revealed the facility is in significant non compliance with the NPDES permit. The summary of discharge violations and frequency violations from January 1, 2008 has been attached to this letter. These are violations of Ohio Revised Code (ORC) 6111.07 for failure to discharge effluent in compliance with the NPDES permit. Such violations are subject to enforcement action per ORC 6111.99 which specifies a maximum fine of up to $25,000 per day of violation. Due to continued significant non compliance, this office is prepared to refer the matter to our legal staff for further enforcement action.

INSPECTION

Below are the findings and recommendations from the inspection:

At the time of the inspection, the condition of the wastewater treatment plant was unsatisfactory. The wastewater treatment plant was producing an unsatisfactory quality effluent.

The wastewater treatment plant consists of a trash trap, flow equalization tank, extended aeration system, sludge holding tank, dosing tank, surface sand filter and UV disinfection.

The flow equalization tank was in operation and provided with adequate aeration. The splitter box to the wastewater treatment plant appeared to be in satisfactory condition. At the time of the inspection, there was evidence of sewage overflows in the area surrounding the flow equalization tank. It is understood the flow equalization tank can becomes full due to the excessive Inflow and Infiltration within the collection system. The blowers providing air to the flow equalization tank may be set to a higher level than needed during these high

flow events and may cause the contents of the tank to splash onto the surrounding ground. It is understood the operators attempt to turn the blowers down once the tank becomes too full. Please be aware, per Part III of your NPDES permit, any sanitary sewer overflow must be reported to the Ohio EPA within 24 hours of occurrence.

The aeration tank was provided with adequate aeration and within the tanks was acceptable. The contents of the aeration tank were a light chocolate brown color and the sludge return lines were returning solids that were a light brown color. The skimmer return line was in operation and returning clear liquid.

At the time of the inspection, there were solids accumulating on the effluent weir and sidewalls of the clarifier/settling tank portion of the plant. It appears the sidewalls of the clarifier have not been scraped down in a while. The surface of the clarifier contained some floating solids and the skimmer was visible. The effluent weir trough was overloaded with solids. It was noted that solids were passing over the effluent weir and passing through to the surface sand filters. There were solids located in the effluent chamber located immediately after the clarifier/settling tank.

The dosing chamber contained an unsatisfactory amount of solids. The solids accumulating in the dosing chamber are passed through to the surface sand filters.

The surface sand filters were in unsatisfactory condition. The south sand filter was in operation at the time of the inspection. Both sand filters were clogged with solids. The wastewater had ponded in both filters to near overflow conditions. Upon further inspection of the sand filters, leaks were noted in the sidewalls located between the two filter cells and on the exterior walls. Due to the heavy accumulation of sludge, the sand media was not visible in both filters. Throughout both filters, there were areas where a "sink hole" had formed in the media. The sand filters are in need of immediate attention and must be examined for structural durability by a Professional Engineer. At minimum, the sidewalls must be replaced or refurbished and the media must be completely replaced. Any media brought into the sand filters must meet Ohio EPA specifications which include an effective size between 0.4 and 1.0 mm, with a uniformity coefficient not greater than 3.0.

At the time of the inspection, the UV disinfection unit was not in operation. Per your NPDES permit, the facility is not required to disinfect during the winter months. The UV unit disinfects the effluent through the effluent pipe/trough. The UV unit disinfects the effluent as it travels through the effluent pipe to the final outfall, located east of the wastewater treatment plant. The UV unit is housed in the old chlorination tank. At the time of the inspection, water was accumulating in this tank and contained debris and the carcass of a dead animal. As such, a strong odor was present around this tank.

It is understood the water from the disinfection tank is pumped and discharged to Waters of the State. This is a violation of 6111 for discharging untreated sewage to the environment without an NPDES permit. Continuing to discharge this water from the UV tank without

adding the outfall to the NPDES permit is a violation of 6111.07 and subject to fines of up to $25,000 per day of violation. The discharge from this tank must cease and desist to avoid the referral of this matter to our legal section for enforcement action. Options available to the facility are to pump the tank contents to the flow equalization tank or submit an NPDES permit modification to add this outfall to your permit. The addition of this outfall to your permit would require disinfection of the wastewater prior to discharge. In addition, the tank is subject to rainwater and snow melt inflow. Adding a cover over the tank may assist in the accumulation of the rainwater and runoff.

The condition of the wastewater treatment plant is a violation of Part III.3.A of your NPDES permit. As such, Jacques MHP is in violation of Ohio Revised Code 6111.07(A). This regulation states:

> (A) No person shall violate or fail to perform any duty imposed by sections 6111.01 to 6111.08 of the Revised Code or violate any order, rule or term or condition of a permit issued or adopted by the director of environmental protection pursuant to those sections. Each day of violation is a separate offense.

It is recommended you hire a Professional Engineer to evaluate the entire treatment system for any potential operational failures and potential replacements or repairs that are needed.

The Ohio EPA Compliance Assistant Unit is available to owners and operators of wastewater treatment systems. The CAU may be able to offer your treatment plant diagnostic services in addition to operation and maintenance assistance. If you are interested in contacting the CAU, please contact Jon van Dommelen at (614) 644-2011 or by e-mail at: jon.vandommelen@epa.state.oh.us.

SUMMARY

The wastewater treatment plant must be upgraded to a satisfactory condition. At the minimum, the following improvements must be made:

1) The sand filter walls must be rebuilt.

2) The sand filters must be cleaned and refurbished with any replacements made where needed. Both sand filters must be thoroughly inspected for acceptable performance by a Professional Engineer. At minimum, the underdrain system must be thoroughly inspected and the sand filter media must be inspected for depth and the condition of the media.

3) The treatment processes, including pumps, blowers and piping must be evaluated. Any process or system that is not in adequate operation must be replaced or refurbished.

You must provide a response within 30 days of receipt of this letter explaining action that will or have been taken to return the treatment system to full compliance with the NPDES permit. The response must include a schedule for completing each identified action. This office is prepared to initiate enforcement action against Jacques MHP if the facility fails to provide a response within 30 days of receipt of this letter, fails to take action to return the treatment plant to compliance in a timely manner, or failure to properly maintain and operate the treatment system in accordance with the requirements of the NPDES permit. If you believe this timeline is inadequate, you must contact this office immediately.

If you have any questions or comments regarding this letter, please contact this office at (330) 963-1299.

Respectfully,

Laura A. Weber, P.E.
Environmental Engineer
Division of Surface Water

LAW/mt

cc: Dave Sage, Geauga County Health Department
Mrs. Carolyn Loschiavo, Jacques MHP (with attachments)
Steve Howe, AKE Laboratory, Inc. (with attachments)

File: Semi-Public/Geauga/ClaridonTwp/JacquesMHP

Discharge Violations January 1, 2008 through February 1, 2010:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2008	001	80082	CBOD 5 day	30D Conc	10	20.025	1/1/2008
January 2008	001	80082	CBOD 5 day	30D Qty	1.0	2.04365	1/1/2008
January 2008	001	80082	CBOD 5 day	1D Conc	15	23.7	1/3/2008
January 2008	001	80082	CBOD 5 day	1D Qty	1.4	2.33232	1/3/2008
January 2008	001	80082	CBOD 5 day	1D Conc	15	42.7	1/8/2008
January 2008	001	80082	CBOD 5 day	1D Qty	1.4	4.04049	1/8/2008
February 2008	001	80082	CBOD 5 day	30D Conc	10	44.2333	2/1/2008
February 2008	001	80082	CBOD 5 day	30D Qty	1.0	6.17228	2/1/2008
February 2008	001	80082	CBOD 5 day	1D Conc	15	37.1	2/12/2008
February 2008	001	80082	CBOD 5 day	1D Qty	1.4	5.89779	2/12/2008
February 2008	001	80082	CBOD 5 day	1D Conc	15	40.8	2/21/2008
February 2008	001	80082	CBOD 5 day	1D Qty	1.4	3.84526	2/21/2008
February 2008	001	80082	CBOD 5 day	1D Conc	15	54.8	2/26/2008
February 2008	001	80082	CBOD 5 day	1D Qty	1.4	8.77378	2/26/2008
March 2008	001	80082	CBOD 5 day	30D Conc	10	21.5	3/1/2008
March 2008	001	80082	CBOD 5 day	30D Qty	1.0	3.83326	3/1/2008
March 2008	001	80082	CBOD 5 day	1D Conc	15	16.5	3/5/2008
March 2008	001	80082	CBOD 5 day	1D Conc	15	32.9	3/12/2008
March 2008	001	80082	CBOD 5 day	1D Qty	1.4	5.97727	3/12/2008
March 2008	001	80082	CBOD 5 day	1D Qty	1.4	4.70476	3/19/2008
March 2008	001	80082	CBOD 5 day	1D Conc	15	25.6	3/26/2008
March 2008	001	80082	CBOD 5 day	1D Qty	1.4	4.65101	3/26/2008
April 2008	001	80082	CBOD 5 day	30D Conc	10	39.08	4/1/2008
April 2008	001	80082	CBOD 5 day	30D Qty	1.0	3.62225	4/1/2008
April 2008	001	80082	CBOD 5 day	1D Qty	1.4	1.67146	4/2/2008
April 2008	001	80082	CBOD 5 day	1D Conc	15	36.1	4/9/2008
April 2008	001	80082	CBOD 5 day	1D Qty	1.4	3.27932	4/9/2008
April 2008	001	80082	CBOD 5 day	1D Conc	15	30.5	4/16/2008
April 2008	001	80082	CBOD 5 day	1D Qty	1.4	2.77062	4/16/2008
April 2008	001	80082	CBOD 5 day	1D Conc	15	72.	4/23/2008
April 2008	001	80082	CBOD 5 day	1D Qty	1.4	5.99544	4/23/2008
April 2008	001	80082	CBOD 5 day	1D Conc	15	43.	4/30/2008
April 2008	001	80082	CBOD 5 day	1D Qty	1.4	4.39439	4/30/2008
May 2008	001	80082	CBOD 5 day	30D Conc	10	54.175	5/1/2008
May 2008	001	80082	CBOD 5 day	30D Qty	1.0	4.0931	5/1/2008
May 2008	001	80082	CBOD 5 day	1D Conc	15	137.5	5/7/2008
May 2008	001	80082	CBOD 5 day	1D Qty	1.4	8.84744	5/7/2008
May 2008	001	80082	CBOD 5 day	1D Conc	15	32.1	5/14/2008
May 2008	001	80082	CBOD 5 day	1D Qty	1.4	3.03746	5/14/2008
May 2008	001	80082	CBOD 5 day	1D Conc	15	24.9	5/21/2008
May 2008	001	80082	CBOD 5 day	1D Qty	1.4	2.6389	5/21/2008
May 2008	001	80082	CBOD 5 day	1D Conc	15	22.2	5/28/2008
May 2008	001	80082	CBOD 5 day	1D Qty	1.4	1.84859	5/28/2008

June 2008	001	80082	CBOD 5 day	30D Conc	10	24.8	6/1/2008
June 2008	001	80082	CBOD 5 day	30D Qty	1.0	1.63275	6/1/2008
June 2008	001	80082	CBOD 5 day	1D Conc	15	28.1	6/4/2008
June 2008	001	80082	CBOD 5 day	1D Qty	1.4	2.5526	6/4/2008
June 2008	001	80082	CBOD 5 day	1D Conc	15	30.4	6/11/2008
June 2008	001	80082	CBOD 5 day	1D Qty	1.4	1.84102	6/11/2008
June 2008	001	80082	CBOD 5 day	1D Conc	15	22.9	6/18/2008
June 2008	001	80082	CBOD 5 day	1D Conc	15	17.8	6/25/2008
November 2008	001	80082	CBOD 5 day	1D Conc	15	19.8	11/12/2008
November 2008	001	80082	CBOD 5 day	1D Qty	1.4	1.64875	11/12/2008
February 2009	001	80082	CBOD 5 day	30D Qty	1.0	1.41483	2/1/2009
February 2009	001	80082	CBOD 5 day	1D Qty	1.4	1.98864	2/11/2009
February 2009	001	80082	CBOD 5 day	1D Qty	1.4	1.41559	2/18/2009
August 2009	001	80082	CBOD 5 day	1D Conc	15	21.5	8/12/2009
August 2009	001	80082	CBOD 5 day	1D Qty	1.4	1.54617	8/12/2009
March 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	1.7	3/5/2008
March 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	1.3	3/12/2008
March 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	4.9	3/19/2008
March 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	2.6	3/26/2008
April 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	4.6	4/2/2008
April 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	.02	4/9/2008
April 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	2.6	4/16/2008
April 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	.01	4/23/2008
April 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	.8	4/30/2008
May 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.02	5/7/2008
May 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.02	5/14/2008
May 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.02	5/21/2008
May 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.8	5/28/2008
June 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.02	6/4/2008
June 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.01	6/11/2008
June 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.3	6/18/2008
June 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.4	6/25/2008
July 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.02	7/2/2008
July 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.06	7/9/2008
July 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	.1	7/16/2008
August 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	1.4	8/13/2008
August 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	2.1	8/20/2008
August 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	1.2	8/27/2008
September 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	1.3	9/3/2008
September 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	3.8	9/17/2008
September 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	3.	9/24/2008
October 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	2.6	10/1/2008
October 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	2.5	10/8/2008
October 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	2.1	10/15/2008
October 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	2.	10/22/2008
October 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	3.	10/29/2008
November 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	4.6	11/12/2008
February 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	2.9	2/4/2009

February 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	2.7	2/11/2009
February 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	4.3	2/18/2009
February 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	2/25/2009
March 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	2.2	3/4/2009
March 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	2.3	3/11/2009
March 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	3.7	3/18/2009
April 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	4.7	4/1/2009
April 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	3.7	4/8/2009
April 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	4/15/2009
April 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	2.8	4/22/2009
May 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	5.5	5/6/2009
May 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	5.2	5/20/2009
May 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	5.1	5/27/2009
June 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	3.7	6/3/2009
June 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	5.3	6/10/2009
July 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	5.2	7/1/2009
July 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	4.4	7/8/2009
July 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	4.	7/15/2009
July 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	3.5	7/22/2009
July 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	3.5	7/29/2009
August 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	5.9	8/5/2009
August 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	.9	8/12/2009
August 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	1.9	8/19/2009
August 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	1.6	8/26/2009
September 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	4.9	9/2/2009
September 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	3.8	9/9/2009
September 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	4.7	9/16/2009
September 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	2.6	9/23/2009
September 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	5.7	9/30/2009
January 2010	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	1/20/2010
January 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	4.0	11.4725	1/1/2008
January 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.38	1.29816	1/1/2008
January 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	12.1	1/3/2008
January 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	1.19076	1/3/2008
January 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	12.6	1/8/2008
January 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	1.19228	1/8/2008
January 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	17.6	1/17/2008
January 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	2.34488	1/17/2008
February 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	4.0	15.5333	2/1/2008
February 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.38	2.12486	2/1/2008
February 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	11.3	2/12/2008
February 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	1.79636	2/12/2008
February 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	16.3	2/21/2008
February 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	1.53622	2/21/2008
February 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	19.	2/26/2008
February 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	3.042	2/26/2008
March 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	4.0	9.875	3/1/2008
March 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.38	1.96744	3/1/2008

March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	10.55	3/5/2008
March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	9.2	3/19/2008
March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	3.93489	3/19/2008
April 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	4.0	19.4166	4/1/2008
April 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.38	2.01173	4/1/2008
April 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	15.	4/2/2008
April 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	1.8168	4/2/2008
April 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	17.75	4/16/2008
April 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	1.61241	4/16/2008
April 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	25.5	4/30/2008
April 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	2.60597	4/30/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	38.	5/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	3.32465	5/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	28.25	5/14/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	2.67316	5/14/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	47.75	5/28/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	3.97614	5/28/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	42.5	6/1/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	2.4858	6/1/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	38.5	6/11/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	2.33156	6/11/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	46.5	6/25/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	2.64004	6/25/2008
July 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	27.75	7/1/2008
July 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	3.15101	7/1/2008
July 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	27.75	7/9/2008
July 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	3.15101	7/9/2008
August 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	3.55	8/1/2008
August 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	.2553	8/1/2008
August 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	3.55	8/20/2008
August 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.2553	8/20/2008
September 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	6.725	9/1/2008
September 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	.63389	9/1/2008
September 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	12.8	9/17/2008
September 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	1.2112	9/17/2008
October 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	11.65	10/1/2008
October 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	10.31	10/1/2008
October 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	1.27876	10/1/2008
October 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	1.25667	10/1/2008
October 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	13.15	10/15/2008
October 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	1.84159	10/15/2008
October 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	6.13	10/29/2008
October 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.64966	10/29/2008
February 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	4.0	8.775	2/1/2009
February 2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.38	1.39439	2/1/2009
February 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	.8486	2/4/2009
February 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	11.65	2/18/2009
February 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	1.94019	2/18/2009

April 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	.59163	4/1/2009
August 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	11.65	8/1/2009
August 2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	.86658	8/1/2009
August 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	13.	8/5/2009
August 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.83649	8/5/2009
August 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	10.3	8/19/2009
August 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.89667	8/19/2009
September 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	6.82333	9/1/2009
September 2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	.47937	9/1/2009
September 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	11.9	9/2/2009
September 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.76571	9/2/2009
September 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	8.	9/16/2009
September 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.57532	9/16/2009
January 2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.38	.40878	1/1/2010
January 2008	001	00530	Total Suspended Solids	30D Conc	12	47.5	1/1/2008
January 2008	001	00530	Total Suspended Solids	30D Qty	1.2	4.99999	1/1/2008
January 2008	001	00530	Total Suspended Solids	1D Conc	18	52.	1/3/2008
January 2008	001	00530	Total Suspended Solids	1D Qty	1.7	5.11732	1/3/2008
January 2008	001	00530	Total Suspended Solids	1D Conc	18	88.	1/8/2008
January 2008	001	00530	Total Suspended Solids	1D Qty	1.7	8.327	1/8/2008
January 2008	001	00530	Total Suspended Solids	1D Conc	18	22.	1/17/2008
January 2008	001	00530	Total Suspended Solids	1D Qty	1.7	2.9311	1/17/2008
January 2008	001	00530	Total Suspended Solids	1D Conc	18	28.	1/24/2008
January 2008	001	00530	Total Suspended Solids	1D Qty	1.7	3.62452	1/24/2008
February 2008	001	00530	Total Suspended Solids	30D Conc	12	43.6666	2/1/2008
February 2008	001	00530	Total Suspended Solids	30D Qty	1.2	6.24109	2/1/2008
February 2008	001	00530	Total Suspended Solids	1D Conc	18	68.	2/12/2008
February 2008	001	00530	Total Suspended Solids	1D Qty	1.7	10.8099	2/12/2008
February 2008	001	00530	Total Suspended Solids	1D Conc	18	33.	2/21/2008
February 2008	001	00530	Total Suspended Solids	1D Qty	1.7	3.11013	2/21/2008
February 2008	001	00530	Total Suspended Solids	1D Conc	18	30.	2/26/2008
February 2008	001	00530	Total Suspended Solids	1D Qty	1.7	4.80317	2/26/2008
March 2008	001	00530	Total Suspended Solids	30D Conc	12	13.	3/1/2008
March 2008	001	00530	Total Suspended Solids	30D Qty	1.2	1.90007	3/1/2008
March 2008	001	00530	Total Suspended Solids	1D Conc	18	21.	3/5/2008
March 2008	001	00530	Total Suspended Solids	1D Qty	1.7	3.27024	3/12/2008
March 2008	001	00530	Total Suspended Solids	1D Qty	1.7	3.42164	3/19/2008
April 2008	001	00530	Total Suspended Solids	30D Conc	12	17.8	4/1/2008
April 2008	001	00530	Total Suspended Solids	30D Qty	1.2	1.67297	4/1/2008
April 2008	001	00530	Total Suspended Solids	1D Qty	1.7	1.93792	4/2/2008
April 2008	001	00530	Total Suspended Solids	1D Conc	18	36.	4/23/2008
April 2008	001	00530	Total Suspended Solids	1D Qty	1.7	2.99772	4/23/2008
May 2008	001	00530	Total Suspended Solids	30D Conc	12	31.25	5/1/2008
May 2008	001	00530	Total Suspended Solids	30D Qty	1.2	2.49242	5/1/2008
May 2008	001	00530	Total Suspended Solids	1D Conc	18	58.	5/7/2008
May 2008	001	00530	Total Suspended Solids	1D Qty	1.7	3.73201	5/7/2008
May 2008	001	00530	Total Suspended Solids	1D Conc	18	34.	5/14/2008
May 2008	001	00530	Total Suspended Solids	1D Qty	1.7	3.21725	5/14/2008

May 2008	001	00530	Total Suspended Solids	1D Conc	18	21.	5/28/2008
May 2008	001	00530	Total Suspended Solids	1D Qty	1.7	1.74867	5/28/2008
June 2008	001	00530	Total Suspended Solids	30D Conc	12	65.75	6/1/2008
June 2008	001	00530	Total Suspended Solids	30D Qty	1.2	5.31319	6/1/2008
June 2008	001	00530	Total Suspended Solids	1D Conc	18	188.	6/4/2008
June 2008	001	00530	Total Suspended Solids	1D Qty	1.7	17.0779	6/4/2008
June 2008	001	00530	Total Suspended Solids	1D Conc	18	20.	6/18/2008
June 2008	001	00530	Total Suspended Solids	1D Conc	18	37.	6/25/2008
June 2008	001	00530	Total Suspended Solids	1D Qty	1.7	2.10068	6/25/2008
July 2008	001	00530	Total Suspended Solids	30D Conc	12	26.	7/1/2008
July 2008	001	00530	Total Suspended Solids	30D Qty	1.2	2.0868	7/1/2008
July 2008	001	00530	Total Suspended Solids	1D Conc	18	35.	7/2/2008
July 2008	001	00530	Total Suspended Solids	1D Qty	1.7	2.6495	7/2/2008
July 2008	001	00530	Total Suspended Solids	1D Conc	18	22.	7/9/2008
July 2008	001	00530	Total Suspended Solids	1D Qty	1.7	2.4981	7/9/2008
July 2008	001	00530	Total Suspended Solids	1D Conc	18	21.	7/16/2008
August 2008	001	00530	Total Suspended Solids	30D Conc	12	14.	8/1/2008
August 2008	001	00530	Total Suspended Solids	1D Conc	18	22.	8/27/2008
August 2008	001	00530	Total Suspended Solids	1D Qty	1.7	1.91521	8/27/2008
December 2008	001	00530	Total Suspended Solids	1D Qty	1.7	1.85465	12/31/2008
March 2009	001	00530	Total Suspended Solids	1D Conc	18	19.	3/11/2009
March 2009	001	00530	Total Suspended Solids	1D Qty	1.7	2.66086	3/11/2009
April 2009	001	00530	Total Suspended Solids	1D Qty	1.7	4.37168	4/1/2009
April 2009	001	00530	Total Suspended Solids	30D Qty	1.2	1.63815	4/1/2009
April 2009	001	00530	Total Suspended Solids	1D Qty	1.7	1.74867	4/15/2009
July 2009	001	00530	Total Suspended Solids	1D Conc	18	24.	7/22/2009
July 2009	001	00530	Total Suspended Solids	1D Qty	1.7	2.81604	7/22/2009
December 2009	001	00530	Total Suspended Solids	1D Qty	1.7	2.86146	12/30/2009

Frequency Violations:

Reporting Period	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
January 2008	00400	pH	1/Week	1	0	01/08/2008
January 2008	00300	Dissolved Oxygen	1/Week	1	0	01/08/2008
January 2008	00010	Water Temperature	1/Day	1	0	01/12/2008
January 2008	00010	Water Temperature	1/Day	1	0	01/13/2008
February 2008	00530	Total Suspended Solids	1/Week	1	0	02/01/2008
February 2008	80082	CBOD 5 day	1/Week	1	0	02/01/2008

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

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September 14, 2011

RE: GEAUGA COUNTY
CLARIDON TWP
JACQUES MHP
NPDES # 3PV00007
COMPLIANCE INSPECTION EVALUATION

Mr. Mark Coleman
Managing Member of General Partnership
990 Beach Avenue, Suite 114
Vancouver, B.C., Canada V6Z 2N9

Dear Mr. Coleman:

On September 1, 2011, this writer conducted an inspection of the sewage treatment plant serving the above referenced facility located at 12860 Mayfield Road, Claridon Township, Geauga County. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the facility's National Pollutant Discharge Elimination System (NPDES) permit in conjunction with the renewal of said permit. The monthly operating reports (MORs) from August 1st, 2010 to September 1st, 2011 were reviewed for compliance with the current NPDES permit with multiple violations during that time period (attachment).

The following are observations during the inspection:

- The plant consists of a trash trap, flow equalization, two extended aeration tanks, dosing pumps, two slow sand filters and UV disinfection. Both aeration tanks appeared to be provided with air.
- Both of the clarifiers are in need of major cleaning. The discharge weirs were covered in moss and other floating solids and there was a lot of pin floc in the clarifier indicating old sludge that should be removed.
- Both sand filters need cleaned and repaired. The south filter was in use at the time of inspections. Sludge had accumulated on the surface of the bed and the filter was ponding water. The north filter bed was completely covered in thick black sludge and had a strong septic smell. The solids and old sand must be removed from the bed and disposed of at a landfill.
- The UV disinfection channel was installed in the old chlorination contact chamber. According to Dennis Meek, engineer for the facility, a sump pump is installed in the vault to pump waste water that either overflows from the channel or seeps into the vault from back to the system above the sand filters for treatment. At the time of the inspection the pump was discharging water from the

Northeast District Office
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Twinsburg, OH 44087-1924

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vault into the field nearby. This is a violation of your NPDES permit and Ohio Revised Code 6111.

- Log books and the operation and maintenance manual could not be located at the site and were unavailable for inspection.

Summary:

Please inform this office, in writing, within 21 days of the date of this letter as to the actions taken to correct the above mentioned problems and to schedule a follow up inspection. Ohio EPA will process the NPDES permit renewal after re-inspection of the facility.

Should you have any comments or questions regarding this letter, please contact this office at (330) 963-1299 or by email at laura.weber@epa.state.oh.us.

Respectfully,

David J. Rischar
Assistant to the District Engineer
Division of Surface Water

DJR/cl
Enclosure

cc: Mr. Dennis Meek, DM Engineering, LLC

Figure 1: Discharge weirs in need of cleaning

Figure 2: Surface of the north sand filter covered in thick black sludge.

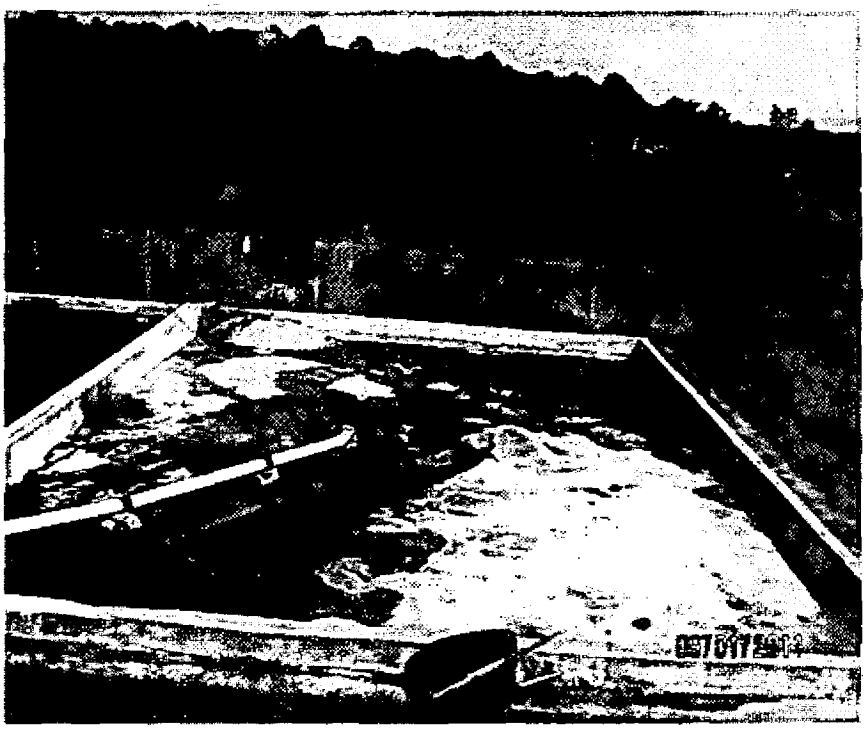

Figure 3: Surface of the south sand filter in need of cleaning and leveling

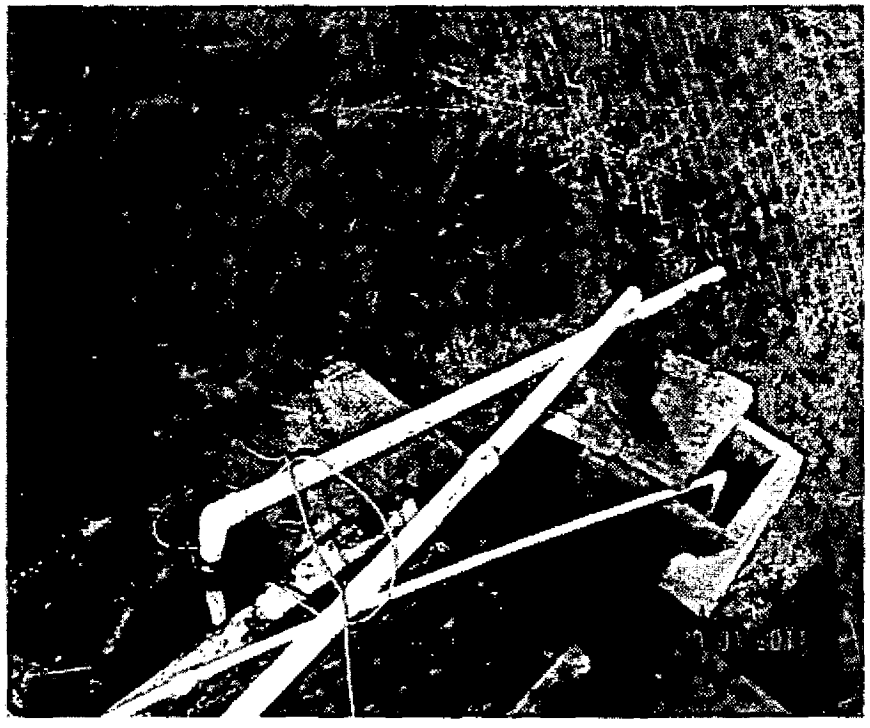

Figure 4: Pipe running from sump pump and discharging to the field.

JACQUES MHP : 3PV00007

Limit Violations

August 1, 2010 to September 1, 2011

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	8.05	8/1/2010
August 2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	.46366	8/1/2010
August 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	6.3	8/5/2010
August 2010	001	80082	CBOD 5 day	1D Conc	15	15.4	8/5/2010
August 2010	001	00300	Dissolved Oxygen	1D Conc	6.0	3.	8/5/2010
August 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	9.8	8/18/2010
August 2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.92733	8/18/2010
August 2010	001	00300	Dissolved Oxygen	1D Conc	6.0	2.3	8/18/2010
August 2010	001	00300	Dissolved Oxygen	1D Conc	6.0	5.2	8/25/2010
September 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	10.75	9/1/2010
September 2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	7.77667	9/1/2010
September 2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.93584	9/1/2010
September 2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	.63259	9/1/2010
September 2010	001	00300	Dissolved Oxygen	1D Conc	6.0	4.3	9/1/2010
September 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	5.03	9/15/2010
September 2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.2475	9/15/2010
September 2010	001	00300	Dissolved Oxygen	1D Conc	6.0	5.5	9/22/2010
September 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	7.55	9/29/2010
September 2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.71442	9/29/2010
September 2010	001	00300	Dissolved Oxygen	1D Conc	6.0	2.5	9/29/2010
October 2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	17.625	10/1/2010
October 2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	1.25615	10/1/2010
October 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	13.75	10/13/2010
October 2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.88474	10/13/2010
October 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	21.5	10/27/2010
October 2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	1.62755	10/27/2010
January 2011	001	00530	Total Suspended Solids	1D Conc	18	36.	1/18/2011
January 2011	001	00530	Total Suspended Solids	1D Qty	1.7	2.45268	1/18/2011
January 2011	001	00530	Total Suspended Solids	1D Conc	18	21.	1/25/2011
January 2011	001	00530	Total Suspended Solids	1D Qty	1.7	2.46404	1/25/2011
March 2011	001	00530	Total Suspended Solids	1D Conc	18	19.	3/8/2011
April 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.38	.72605	4/1/2011
April 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.0	6.73	4/5/2011
April 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.57	2.05313	4/5/2011
May 2011	001	00530	Total Suspended Solids	30D Qty	1.2	1.49666	5/1/2011
May 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	.17675	5/1/2011
May 2011	001	00530	Total Suspended Solids	1D Qty	1.7	2.59802	5/3/2011
May 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.75	3.54	5/3/2011
May 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.21	.83609	5/3/2011
May 2011	001	00530	Total Suspended Solids	1D Conc	18	24.	5/17/2011
May 2011	001	00530	Total Suspended Solids	1D Qty	1.7	3.27024	5/17/2011
July 2011	001	31616	Fecal Coliform	1D Conc	2000	2000.	7/13/2011
July 2011	001	31616	Fecal Coliform	1D Conc	2000	2000.	7/20/2011