



State of Ohio Environmental Protection Agency

Southeast District Office

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Logan, Ohio 43138

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

August 3, 2009

**Re: Guernsey County
Buffalo Duke & Duchess
Compliance Evaluation Inspection
Correspondence (PWW)**

Mr. John Gordon
Englefield Oil Company
Mid Ohio Industrial Park
447 James Parkway
Heath, Ohio 43056

Dear Mr. Gordon:

On July 14, 2009, I conducted a compliance evaluation inspection (CEI) at the Buffalo Duke & Duchess wastewater treatment plant. The purpose of the inspection was to determine compliance status with the terms and conditions of National Pollutant Discharge Elimination System (NPDES) permit number OPR00098*BD. Mr. Tim Shumaker, plant operator was present at the time of my inspection.

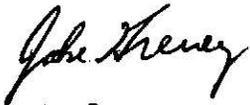
Based on the findings of my inspection and the review of our records, I have the following comments:

1. According to the operator, the trash trap was pumped last month in addition to some old sludge which was present in the clarifier. The plant experienced some toxic conditions due to the use of strong industrial cleaners in the store and the activated sludge became ineffective. Mr. Shumaker informed me that the plant was seeded with some activated sludge from another wastewater treatment plant although additional seed is needed. The appearance of the mixed liquor was a light tan color which should be a more chocolate brown color to achieve the proper mixed liquor suspended solids concentration. I informed the operator that additional seed volume should be provided to get the plant back in balance.
2. During my inspection, I was informed the trash trap was pumped monthly which could be reduced to semi-annual or annual as long as effective settling and removal of non-biodegradable substances continue. Due to the fact this plant receives minimal organic loading the sludge volume in the trash trap should be increased through longer pumping frequencies to help feed the plant.
3. At the time of my inspection, a moderate layer of scum was observed on the surface of the clarifier tank and in the weir trough. It was instructed to Mr. Shumaker that the clarifier walls should be scraped weekly and the surface hosed down to encourage settling of the sludge. The weir plants and trough should also be cleaned as needed to prevent the accumulation of solids.

4. Inspection of the filter beds showed both to be in good condition with only a minimal accumulation of solids. The filter beds should continue to be operated in a manner to prevent excessive ponding and rotated as needed upon the accumulation of solids. Any solids removed from the filter beds should be bagged for disposal at a landfill.

At the time of my inspection, the effluent was clear with very little suspended solids and no objectionable odor. Attached is a copy of my detailed inspection report. If you have any questions, please contact me at (740) 380-5416.

Sincerely,



Jake Greuey
District Representative
Division of Surface Water

JGG/jg

Enclosure

c: Tim Shumaker, Operator, TCCI Laboratories

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPR00098*BD	OH0104027	July 14, 2009	C	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Buffalo Duke & Duchess 11830 Clay Pike Road Pleasant City, Ohio	12:15 p.m.	January 1, 2008
	Exit Time	Permit Expiration Date
	12:54 p.m.	December 31, 2012

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Tim Shumaker, Plant Operator	(740) 342-1110
Name, Address and Title of Responsible Official	Phone Number
Mr. John Gordon Englefield Oil Company Mid Ohio Industrial Park 447 James Parkway Heath, Ohio 43056	

C. AREAS EVALUATED DURING INSPECTION

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

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

D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

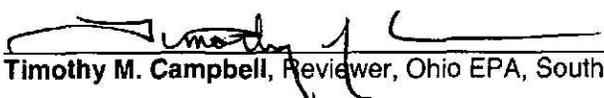
* Contract Laboratory used and not evaluated.
See attached letter.



Jake Greney, Inspector, Ohio EPA, Southeast District Office

8/4/09

Date



Timothy M. Campbell, Reviewer, Ohio EPA, Southeast District Office

8/4/09

Date