



Environmental
Protection Agency

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

7257

September 15, 2010

Fernald Preserve
Attn: Frank Johnston
Stoller, Inc.
10995 Hamilton Cleves Highway
Harrison, OH 45030

RE: Fernald Preserve CAWWTP/Reconnaissance Inspection, NPDES Permit
No. OH00009580/ OEPA Permit No. 11O00004*HD

Dear Mr. Johnston:

On September 8, 2010, I conducted an NPDES Reconnaissance Inspection while at the site.

Along with observing outfall 001, I also inspected the Bio-Treatment Wetland. Although flow was not observed at outfall 007, a large amount of water appeared to be contained in the surface flow wetland. With the lack of precipitation and the warm temperatures that have been experienced this summer, the volume of water found in the surface flow wetland was unexpected. Below are several questions regarding this issue:

1. What is the average daily flow rate for the bio-treatment wetland? How do the flow rates compare to the design?
2. What is your assessment of the plant coverage/growth in the surface flow wetland?
3. The Operations and Maintenance Manual calls for water levels to be maintained in the subsurface flow wetland by recirculation or the addition of clean water. Has the addition of clean water been necessary to maintain the proper water levels? If so, were the water level control plates in place or did large amounts of water pass into the surface flow wetland at one time?
4. Although there has been no recent precipitation, have there been further run on issues noted with the surface flow wetland earlier this season?
5. Can depths of the water in the different surface flow wetland sections be provided? As mentioned, the whole basin contained a significant amount of water, and by marks on the banks and vegetation it is clear that the water levels were even higher at some recent point.

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

Respectfully,

A handwritten signature in purple ink that reads "Michelle Waller".

Michelle Waller
Environmental Specialist II
Division of Surface Water

Enclosures

Cc: Tom Schneider, OEPA-SWDO

7257



State of Ohio Environmental Protection Agency
Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
11O00004*HD	OH00009580	9/8/2010	R	S	4

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
U.S. DOE Fernald Preserve 7400 Willey Road Harrison, Ohio 45013	12:00 PM	41/2009
	Exit Time	Permit Expiration Date
	12:20 PM	3/31/2014
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Name, Address and Title of Responsible Official	Phone Number	
Frank Johnston, Fernald Site Manager 10995 Hamilton-Cleves Highway Harrison, Ohio 45030	(513) 648-5294	

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
N	Permit	N	Flow Measurement	N/A	Pretreatment
N	Records/Reports	N	Laboratory	N/A	Compliance Schedule
N	Operations & Maintenance	S	Effluent/Receiving Waters	N	Self-Monitoring Program
N	Facility Site Review	N	Sludge Storage/Disposal		Other
N/A	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
<p>Outfall 001 appeared clear, with no solids or foam observed.</p> <p>Outfall 007 was not flowing.</p>	
Inspector	Reviewer
<p><i>Michelle Waller</i></p> <p>Michelle Waller Division of Surface Water Southwest District Office</p>	<p><i>Martyr Burt</i></p> <p>Martyr Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office</p>
<p>9/16/10</p> <p>Date</p>	<p>9/17/10</p> <p>Date</p>