



**Environmental  
Protection Agency**

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



\*1IN0011620080529\*

CLERMONT USEPA EXPERIMENTAL STREAM FAC

ZIMMERMAN, MICH | 2008/05/29



State of Ohio Environmental Protection Agency

**Southwest District Office**

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Dayton, Ohio 45402

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

May 28, 2008

Mr. Donald S. Brown  
USEPA Experimental Stream Facility  
1003 US Hwy 50  
Milford, OH 45150

**Re: USEPA Experimental Stream Research Facility  
NPDES Permit No. 11N00116\*FD; OH0096300  
NPDES Compliance Inspection**

Dear Mr. Brown:

On May 7, 2008, I conducted a National Pollutant Discharge Elimination System (NPDES) permit compliance inspection at the research facility referenced above. The purpose of the inspection was to evaluate the operation of the facility with regards to compliance with the NPDES permit. Balaji Ramakrishnan, contract operator with Shaw Environmental, and you provided a very informative tour of the work being conducted at this ecological research site.

The facility appeared to be operating in compliance with the terms and conditions of the NPDES permit. All areas evaluated during the inspection received satisfactory ratings. Review of the monthly Discharge Monitoring Reports submitted by USEPA from January, 2005 to the present indicated only one permit limitation violation. A pH value of 9.77 s.u. (permit limit of 9.0 s.u. max.) was reported at internal monitoring station 601 for May 29, 2007. Please provide a written explanation for this exceedance.

A copy of the inspection report is attached. If you have any questions, don't hesitate to contact me at (937) 285-6102.

Sincerely,

Michael W. Zimmerman  
Permits Group  
Division of Surface Water

Copy: Balaji Ramakrishnan, Shaw Environmental Group





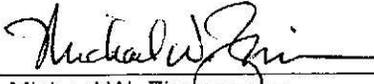
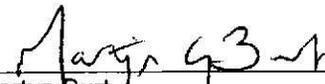
State of Ohio Environmental Protection Agency  
Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
11N00116*FD	OH0096300	05/07/2008	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
USEPA Experimental Stream Research Facility 1003 U.S. Route 50 Milford, Ohio Mailing: 26 W MLK Drive MS 691 Cincinnati, Ohio 45268	1:50 pm	3/1/2006
	Exit Time	Permit Expiration Date
	2:20 pm	2/28/2011
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Donald Brown, facility manager Balaji Ramakrishnan	(513) 965-4805 (513) 965-4805	
Name, Address and Title of Responsible Official	Phone Number	
Donald Brown		

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

Section D: Summary of Findings (Attach additional sheets if necessary)	
<p>The research facility typically operates seasonally from April through October. During the winter of 2007 – 2008 the facility pumped water at approximately 25% of the normal flow rate. The flow rate during the inspection was approx. 0.7 MGD (489 gpm). The discharge flow is metered using a Parker Bowles flume with a bubbler located just outside the building.</p> <p>Eight experimental stream runs are used for ecological research. Each run is monitored continuously for pH, D.O., and temperature.</p> <p>The facility was operating in compliance with the terms and conditions of the NPDES permit.</p> <p>Review of monthly Discharge Monitoring Reports from Jan., 2005 through April, 2008 revealed only one final effluent limitation violation at Outfall 601 on May 29, 2007 for pH. The value report was 9.77 s.u.; the permit limit is 9.0 s.u. (maximum).</p>	
Inspector	Reviewer
 Michael W. Zimmerman Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
5-21-08 Date	5/22/08 Date

