



State of Ohio Environmental Protection Agency

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\*1IN0002920080111\*

MONTGOME DELPHI AUTOMOTIVE SYSTEMS LLC \*

ZIMMERMAN, MICH 2008/01/11

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

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State of Ohio Environmental Protection Agency

**Southwest District Office**

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

January 11, 2008

Mr. Mark Ladd, Environmental Coordinator  
Delphi AHG, Kettering Operations  
2000 Forrer Boulevard  
Kettering, Ohio 45420

**Re: Delphi, Kettering Plant  
NPDES Permit No. 1IN00029\*FD; OH0009458  
NPDES GPS and Compliance Inspection**

Dear Mr. Garrison:

On December 18, 2007 I conducted a National Pollutant Discharge Elimination System (NPDES) permit compliance inspection at the above referenced facility. Matthew Potok, environmental engineer, and you represented Delphi during the inspection. The purpose of the inspection was to: 1) obtain Global Positioning System (GPS) coordinates for the plant and NPDES permitted outfalls, and 2) evaluate the wastewater and storm water treatment system operation and performance and to determine compliance with the NPDES permit.

GPS readings were successfully recorded for the discharge outfalls to the unnamed tributary of Little Beaver Creek. Observations of the wastewater and storm water retention systems indicated they were being operated properly. All compliance areas evaluated during the inspection received satisfactory ratings. 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: Joseph D. Campbell, Delphi (without enclosure)

Enclosure





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
1IN00029*FD	OH0009458-	12/18/2007	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Delphi AHG, Kettering Operations 2000 Forrer Boulevard Kettering, Ohio 45420 Mailing: P.O. Box 1042 Dayton, OH 45401	10:00am	12/1/2006
	Exit Time	Permit Expiration Date
	11:15am	11/30/2011
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mark Ladd, Environmental Coordinator Matthew Potok, Environmental Engineer	(937) 455-7954 (937) 545-4573 (cell)	
Name, Address and Title of Responsible Official	Phone Number	
Joseph D. Campbell, Plant Manager	(937) 455-7954	

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	S	Laboratory	N	Compliance Schedule
S	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
S	Facility Site Review	N	Sludge Storage/Disposal	N	Other
S	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
<p>1. All compliance areas evaluated during the inspection received a satisfactory rating. GPS readings were also taken at each outfall during the inspection.</p> <p>2. The renewed NPDES permit for Delphi Kettering reflects the changes made to the wastewater and stormwater retention systems in early 2006. The installation of these systems enables the facility to capture and inspect the non-contact cooling and storm water prior to discharge from the site.</p> <p>3. Final effluent violations:</p> <ul style="list-style-type: none"> <li>- oil and grease result for sample collected 9/28/2006 was 18.5 mg/l; duplicate sample result reported was &lt; 5 mg/l. Delphi considers the 18.5 mg/l result anomalous.</li> <li>- pH results measured by contract lab for samples collected on 11/13/07 and 11/27/07 were 6.26 and 5.37 su respectively. Delphi in-house measurements were 7.5 su for both dates.</li> </ul>	
Inspector	Reviewer
 Michael W. Zimmerman Division of Surface Water Southwest District Office Date 1-11-08	 Martyn G. Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office Date 1/14/08

**Section J: Effluent/Receiving Water Observations**

Outfall Number	Oil sheen	Grease	Turbidity	Visible Foam	Visible Floating Solids	Color	Other
001	No overflow						
002	No overflow						
003	No overflow						
004	No flow						
005	None	None	None	None	None	Clear	-

**Comments/Status:**

During normal conditions (no stormwater runoff), flow is collected at Outfalls 001 – 004 and pumped to the wastewater retention tanks. It is then released through Outfall 005. No oil sheen was observed at any location in the stream. Upstream from all the outfalls, the water was clear and the stream substrate was covered with sediment and algae/diatoms. The discharge from the wastewater and storm water retention system through 005 was clear with no visible oil sheen, foam, or solids.

**Section K: Multimedia Observations**

- (a) Are there indications of sloppy housekeeping or poor maintenance in work and storage areas or laboratories..... N
- (b) Do you notice staining or discoloration of soils, pavement or floors.. N
- (c) Do you notice distressed (unhealthy, discolored, dead) vegetation.. N
- (d) Do you see unidentified dark smoke or dust clouds coming from sources other than smokestacks..... N
- (e) Do you notice any unusual odors or strong chemical smells..... N
- (f) Do you see any open or unmarked drums, unsecured liquids, or damaged containment facilities..... N

If any of the above are observed, ask the following questions:

- (1) What is the cause of the condition?
- (2) Is the observed condition or source a waste product?
- (3) Where is the suspected contaminant normally disposed?
- (4) Is this disposal permitted?
- (5) How long has the condition existed and when did it begin?

**Comments/Status:**