



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769  
www.epa.state.oh.us

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

December 16, 2009

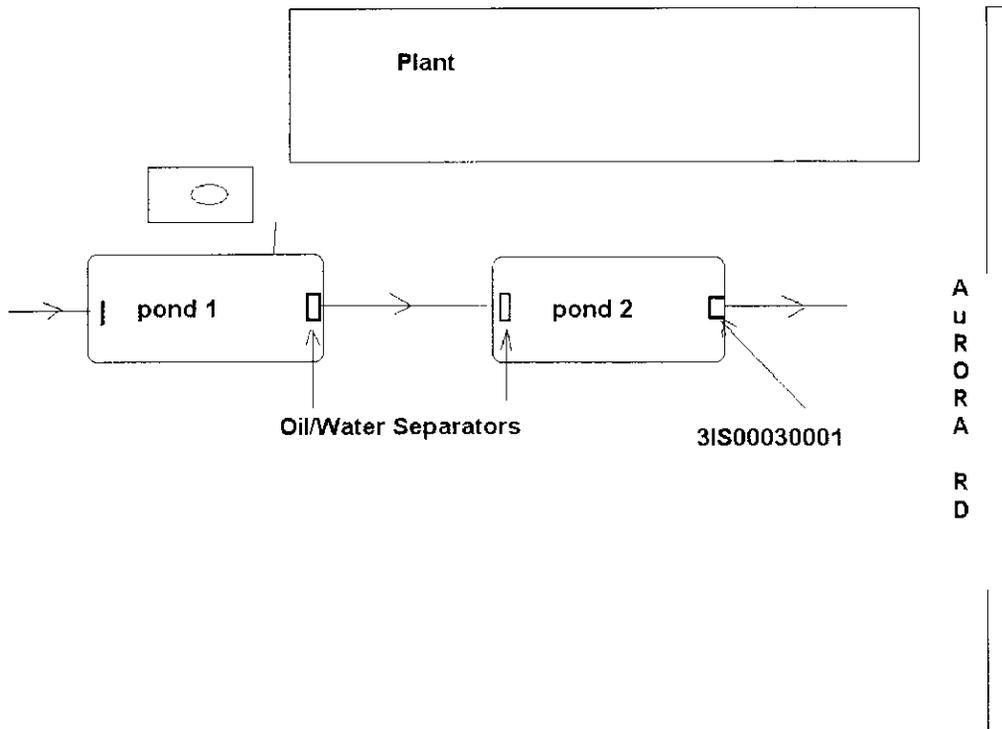
RE: DAIMLER CHRYSLER  
3IS00030\*GD  
SUMMIT COUNTY

Mr. John A. Bodziony  
Facility Engineering Manager  
Chrysler Group LLC Twinsburg Stamping Plant  
2000 East Aurora Road  
Twinsburg, Ohio 44087

Dear Mr. Bodziony:

On December 15, 2009 this writer conducted an inspection of your facility. The purpose of the inspection was to gather information necessary to renew the above referenced NPDES permit. Daimler Chrysler is a manufacturer of stamped steel parts for the automobile industry. The facility is served by the City of Twinsburg for sanitary sewers. No process wastewaters are discharged via this permit. No non-contact cooling water is discharge either as a total recycle system is utilized. Wastewater generated consists of stormwater and groundwater collected in sumps located within the stamping plant which is pumped to the ponds.

Treatment consists of two lined ponds connected in series. Each pond is equipped with an oil/water separator. As depicted below.



Inspection observations

At the time of the inspection the flow from outfall 001 was clear and there was no visual sheen. The belt skimmer in the first pond was operating and removing oil from the surface of the pond. The rope skimmer in the second pond was not operational. The discharge flows north from the second pond towards Aurora Road entering an unnamed tributary to Tinkers Creek.

A review of your compliance history, as generated by our SWIMS computer tracking system beginning September 2006 through October 2009, identified the following violations:

Limit violations

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	pH	1D Conc	9.0	9.18	10/16/2006
001	pH	1D Conc	6.5	6.42	6/19/2007
001	pH	1D Conc	6.5	6.3	12/4/2007
001	pH	1D Conc	6.5	6.07	12/19/2007
001	pH	1D Conc	6.5	6.19	12/27/2007
001	pH	1D Conc	6.5	5.89	7/7/2008
001	pH	1D Conc	6.5	5.89	7/14/2008
001	pH	1D Conc	9.0	9.17	7/28/2008
001	pH	1D Conc	6.5	5.86	11/19/2007
001	pH	1D Conc	6.5	6.29	11/26/2007
001	Total Suspended Solids	1D Conc	30	33.	2/6/2008
001	Total Suspended Solids	30D Conc	20	20.6666	2/1/2008
001	pH	1D Conc	6.5	6.11	6/23/2008
001	pH	1D Conc	6.5	6.14	8/5/2009
001	pH	1D Conc	6.5	.	8/12/2009
001	Total Suspended Solids	1D Conc	30	33.	9/8/2009
001	Total Suspended Solids	1D Conc	30	40.	9/29/2009
001	Total Suspended Solids	30D Conc	20	21.4	9/1/2009
001	Oil and Grease, Total	1D Conc	15	16.1	2/26/2009
001	pH	1D Conc	6.5	.	6/1/2009
001	pH	1D Conc	6.5	.	6/8/2009
001	pH	1D Conc	6.5	.	6/15/2009

Frequency Violations

Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	Total Suspended Solids	1/Week	1	0	11/15/2006
001	Flow Rate	1/Week	1	0	11/15/2006
001	pH	1/Week	1	0	11/15/2006

Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	Oil and Grease, Total	1/Week	1	0	11/15/2006
001	Total Suspended Solids	1/Week	1	0	03/01/2007
001	Flow Rate	1/Week	1	0	03/01/2007
001	pH	1/Week	1	0	03/01/2007
001	Oil and Grease, Total	1/Week	1	0	03/01/2007
001	Flow Rate	1/Week	1	0	03/08/2007
001	Flow Rate	1/Week	1	0	03/15/2007
001	Flow Rate	1/Week	1	0	03/22/2007
001	Total Suspended Solids	1/Week	1	0	05/08/2007
001	Flow Rate	1/Week	1	0	05/08/2007
001	pH	1/Week	1	0	05/08/2007
001	Oil and Grease, Total	1/Week	1	0	05/08/2007
001	Total Suspended Solids	1/Week	1	0	05/22/2007
001	Flow Rate	1/Week	1	0	05/22/2007
001	pH	1/Week	1	0	05/22/2007
001	Oil and Grease, Total	1/Week	1	0	05/22/2007
001	Flow Rate	1/Week	1	0	11/01/2007
001	Flow Rate	1/Week	1	0	11/08/2007
001	Flow Rate	1/Week	1	0	11/15/2007
001	Flow Rate	1/Week	1	0	11/22/2007
001	Flow Rate	1/Week	1	0	12/01/2007
001	Oil and Grease Severit	1/Day	1	0	12/01/2007
001	Oil and Grease Severit	1/Day	1	0	12/02/2007
001	Oil and Grease Severit	1/Day	1	0	12/03/2007
001	Oil and Grease Severit	1/Day	1	0	12/04/2007
001	Oil and Grease Severit	1/Day	1	0	12/05/2007
001	Oil and Grease Severit	1/Day	1	0	12/06/2007
001	Oil and Grease Severit	1/Day	1	0	12/07/2007
001	Flow Rate	1/Week	1	0	12/08/2007
001	Oil and Grease Severit	1/Day	1	0	12/08/2007
001	Oil and Grease Severit	1/Day	1	0	12/09/2007
001	Oil and Grease Severit	1/Day	1	0	12/10/2007
001	Oil and Grease Severit	1/Day	1	0	12/11/2007
001	Oil and Grease Severit	1/Day	1	0	12/12/2007
001	Oil and Grease Severit	1/Day	1	0	12/13/2007
001	Oil and Grease Severit	1/Day	1	0	12/14/2007
001	Flow Rate	1/Week	1	0	12/15/2007
001	Oil and Grease Severit	1/Day	1	0	12/15/2007
001	Oil and Grease Severit	1/Day	1	0	12/16/2007
001	Oil and Grease Severit	1/Day	1	0	12/17/2007
001	Oil and Grease Severit	1/Day	1	0	12/18/2007
001	Oil and Grease Severit	1/Day	1	0	12/19/2007

Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	Oil and Grease Severit	1/Day	1	0	12/20/2007
001	Oil and Grease Severit	1/Day	1	0	12/21/2007
001	Flow Rate	1/Week	1	0	12/22/2007
001	Oil and Grease Severit	1/Day	1	0	12/22/2007
001	Oil and Grease Severit	1/Day	1	0	12/23/2007
001	Oil and Grease Severit	1/Day	1	0	12/24/2007
001	Oil and Grease Severit	1/Day	1	0	12/25/2007
001	Oil and Grease Severit	1/Day	1	0	12/26/2007
001	Oil and Grease Severit	1/Day	1	0	12/27/2007
001	Oil and Grease Severit	1/Day	1	0	12/28/2007
001	Oil and Grease Severit	1/Day	1	0	12/29/2007
001	Oil and Grease Severit	1/Day	1	0	12/30/2007
001	Oil and Grease Severit	1/Day	1	0	12/31/2007
001	Total Suspended Solids	1/Week	1	0	02/08/2008
001	Flow Rate	1/Week	1	0	02/08/2008
001	pH	1/Week	1	0	02/08/2008
001	Oil and Grease, Total	1/Week	1	0	02/08/2008
001	Oil and Grease Severit	1/Day	1	0	02/26/2008
001	Oil and Grease Severit	1/Day	1	0	02/27/2008
001	Oil and Grease Severit	1/Day	1	0	02/28/2008
001	Oil and Grease Severit	1/Day	1	0	02/29/2008
001	Total Suspended Solids	1/Week	1	0	04/22/2008
001	Flow Rate	1/Week	1	0	04/22/2008
001	pH	1/Week	1	0	04/22/2008
001	Oil and Grease, Total	1/Week	1	0	04/22/2008
001	Oil and Grease Severit	1/Day	1	0	05/28/2008
001	Oil and Grease Severit	1/Day	1	0	05/29/2008
001	Oil and Grease Severit	1/Day	1	0	05/30/2008
001	Oil and Grease Severit	1/Day	1	0	05/31/2008
001	Total Suspended Solids	1/Week	1	0	10/15/2008
001	Flow Rate	1/Week	1	0	10/15/2008
001	pH	1/Week	1	0	10/15/2008
001	Oil and Grease, Total	1/Week	1	0	10/15/2008
001	Total Suspended Solids	1/Week	1	0	12/22/2008
001	Flow Rate	1/Week	1	0	12/22/2008
001	pH	1/Week	1	0	12/22/2008
001	Oil and Grease, Total	1/Week	1	0	12/22/2008
001	Total Suspended Solids	1/Week	1	0	04/15/2009
001	Flow Rate	1/Week	1	0	04/15/2009
001	pH	1/Week	1	0	04/15/2009
001	Oil and Grease, Total	1/Week	1	0	04/15/2009

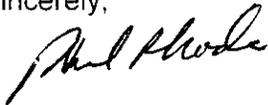
Mr. John A. Bodziony  
Daimler Chrysler  
December 16, 2009  
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Concerning the above listed numeric violations, we discussed the possibility of algae being the source of the violations for pH and Total Suspended Solids (TSS). I relayed to you that algae can be responsible for pH swings depending upon the time of the day. At night with no sunlight, algae will respire putting CO<sub>2</sub> into the water. During the day with sunlight, the algae is growing removing CO<sub>2</sub> in the water. CO<sub>2</sub> in water forms a weak acid and may cause pH swings up or down. I advise you to measure the pH at different times of the day to determine if this is actually happening in your pond. You indicated that the effluent was to be evaluated to determine if algae is also contributing to the TSS violations listed above. Samples have been sent to a lab for evaluation. Please let this writer know as soon as possible the results of your investigation into the aforementioned pH and TSS violations.

You were requested to submit a copy of your Stormwater Pollution Prevention Plan. Please submit it to this office no later than December 31, 2009.

If you should have any questions concerning this letter, feel free to contact this writer at (330) 963-1136.

Sincerely,



Philip P. Rhodes, P.E.  
Environmental Specialist II  
Division of Surface Water

PPR/mt

File: Industrial/ Permit Compliance