



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

October 16, 2007

RE: AKRON CANTON REGIONAL AIRPORT  
3IN00157  
SUMMIT COUNTY

Mr. Richard McQueen  
Akron Canton Regional Airport  
5400 Lauby Road NW #9  
North Canton, OH 44720

Dear Mr. McQueen:

On September 26, 2007, this writer conducted a compliance evaluation inspection of your facility for the purpose of determining compliance with the above referenced NPDES permit. This permit will expire on January 31, 2008. The application was received at our office on August 8, 2007. Noted during the inspection was that the de-icing pad treatment plant is now complete and operational.

A review of your compliance history for the time period November 2006 through August 2007 revealed the following violations of the National Pollutant Discharge Elimination System (NPDES) permit:

Numeric Violations

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
002	pH	1D Conc	6.5	6.19	12/27/2006
006	pH	1D Conc	9.0	9.35	1/20/2007
006	pH	1D Conc	9.0	9.23	2/3/2007
008	pH	1D Conc	9.0	9.35	2/3/2007
011	pH	1D Conc	9.0	9.35	2/3/2007
003	Oil and Grease, Hexane	1D Conc	20	20.7	2/19/2007

Frequency Violations

Violation Date	Station	Parameter	Sample Frequency	Expected	Reported
11/8/2006	002	Total Suspended Solids	1/Week	1	0
11/22/2006	002	Total Suspended Solids	1/Week	1	0
11/8/2006	002	Nitrogen, Ammonia (NH3	1/Week	1	0
11/22/2006	002	Nitrogen, Ammonia (NH3	1/Week	1	0
11/8/2006	002	CBOD 5 day	1/Week	1	0
11/22/2006	002	CBOD 5 day	1/Week	1	0
11/8/2006	002	pH	1/Week	1	0
11/22/2006	002	pH	1/Week	1	0

Mr. Richard McQueen  
 Akron Canton Regional Airport  
 October 16, 2007  
 Page 2

Violation Date	Station	Parameter	Sample Frequency	Expected	Re- ted
11/8/2006	002	Solids, Dissolved-Sum	1/Week	1	0
11/22/2006	002	Solids, Dissolved-Sum	1/Week	1	0
11/8/2006	002	Chemical Oxygen Demand	1/Week	1	0
11/22/2006	002	Chemical Oxygen Demand	1/Week	1	0
11/8/2006	002	Dissolved Oxygen	1/Week	1	0
11/22/2006	002	Dissolved Oxygen	1/Week	1	0
11/8/2006	002	Oil and Grease, Hexane	1/Week	1	0
11/22/2006	002	Oil and Grease, Hexane	1/Week	1	0
11/8/2006	003	Total Suspended Solids	1/Week	1	0
11/22/2006	003	Total Suspended Solids	1/Week	1	0
11/8/2006	003	Nitrogen, Ammonia (NH3	1/Week	1	0
11/22/2006	003	Nitrogen, Ammonia (NH3	1/Week	1	0
11/8/2006	003	Flow Rate	1/Week	1	0
11/22/2006	003	Flow Rate	1/Week	1	0
11/8/2006	003	CBOD 5 day	1/Week	1	0
11/22/2006	003	CBOD 5 day	1/Week	1	0
11/8/2006	003	pH	1/Week	1	0
11/22/2006	003	pH	1/Week	1	0
11/8/2006	003	Solids, Dissoived-Sum	1/Week	1	0
11/22/2006	003	Solids, Dissolved-Sum	1/Week	1	0
11/8/2006	003	Chemical Oxygen Demand	1/Week	1	0
11/22/2006	003	Chemical Oxygen Demand	1/Week	1	0
11/8/2006	003	Dissolved Oxygen	1/Week	1	0
11/22/2006	003	Dissolved Oxygen	1/Week	1	0
11/8/2006	003	Ethylene Glycol	1/Week	1	0
11/22/2006	003	Ethylene Glycol	1/Week	1	0
11/8/2006	003	Oil and Grease, Hexane	1/Week	1	0
11/22/2006	003	Oil and Grease, Hexane	1/Week	1	0
11/8/2006	003	Propylene Glycol, Tota	1/Week	1	0
11/22/2006	003	Propylene Glycol, Tota	1/Week	1	0
11/8/2006	006	Total Suspended Solids	1/Week	1	0
11/22/2006	006	Total Suspended Solids	1/Week	1	0
11/8/2006	006	Nitrogen, Ammonia (NH3	1/Week	1	0
11/22/2006	006	Nitrogen, Ammonia (NH3	1/Week	1	0
11/8/2006	006	CBOD 5 day	1/Week	1	0
11/22/2006	006	CBOD 5 day	1/Week	1	0
11/8/2006	006	pH	1/Week	1	0
11/22/2006	006	pH	1/Week	1	0
11/8/2006	006	Solids, Dissolved-Sum	1/Week	1	0
11/22/2006	006	Solids, Dissolved-Sum	1/Week	1	0
11/8/2006	006	Chemical Oxygen Demand	1/Week	1	0
11/22/2006	006	Chemical Oxygen Demand	1/Week	1	0
11/8/2006	006	Dissolved Oxygen	1/Week	1	0
11/22/2006	006	Dissolved Oxygen	1/Week	1	0

Mr. Richard McQueen  
 Akron Canton Regional Airport  
 October 16, 2007  
 Page 3

Violation		Sample				
Date	Station	Parameter	Frequency	Expected	Reported	
11/8/2006	006	Ethylene Glycol	1/Week	1	0	
11/22/2006	006	Ethylene Glycol	1/Week	1	0	
11/8/2006	006	Oil and Grease, Hexane	1/Week	1	0	
11/22/2006	006	Oil and Grease, Hexane	1/Week	1	0	
11/8/2006	006	Propylene Glycol, Tota	1/Week	1	0	
11/22/2006	006	Propylene Glycol, Tota	1/Week	1	0	
12/8/2006	002	Total Suspended Solids	1/Week	1	0	
12/8/2006	002	Nitrogen, Ammonia (NH3	1/Week	1	0	
12/8/2006	002	CBOD 5 day	1/Week	1	0	
12/8/2006	002	pH	1/Week	1	0	
12/8/2006	002	Solids, Dissoived-Sum	1/Week	1	0	
12/8/2006	002	Chemical Oxygen Demand	1/Week	1	0	
12/8/2006	002	Dissolved Oxygen	1/Week	1	0	
12/8/2006	002	Oil and Grease, Hexane	1/Week	1	0	
12/8/2006	003	Total Suspended Solids	1/Week	1	0	
12/8/2006	003	Nitrogen, Ammonia (NH3	1/Week	1	0	
12/8/2006	003	Flow Rate	1/Week	1	0	
12/8/2006	003	CBOD 5 day	1/Week	1	0	
12/8/2006	003	pH	1/Week	1	0	
12/8/2006	003	Solids, Dissolved-Sum	1/Week	1	0	
12/8/2006	003	Chemical Oxygen Demand	1/Week	1	0	
12/8/2006	003	Dissolved Oxygen	1/Week	1	0	
12/8/2006	003	Ethylene Glycol	1/Week	1	0	
12/8/2006	003	Oil and Grease, Hexane	1/Week	1	0	
12/8/2006	003	Propylene Glycol, Tota	1/Week	1	0	
12/8/2006	006	Total Suspended Solids	1/Week	1	0	
12/8/2006	006	Nitrogen, Ammonia (NH3	1/Week	1	0	
12/8/2006	006	CBOD 5 day	1/Week	1	0	
12/8/2006	006	pH	1/Week	1	0	
12/8/2006	006	Solids, Dissolved-Sum	1/Week	1	0	
12/8/2006	006	Chemical Oxygen Demand	1/Week	1	0	
12/8/2006	006	Dissolved Oxygen	1/Week	1	0	
12/8/2006	006	Ethylene Glycol	1/Week	1	0	
12/8/2006	006	Oil and Grease, Hexane	1/Week	1	0	
12/8/2006	006	Propylene Glycol, Tota	1/Week	1	0	
1/8/2007	002	Total Suspended Solids	1/Week	1	0	
1/8/2007	002	Nitrogen, Ammonia (NH3	1/Week	1	0	
1/8/2007	002	CBOD 5 day	1/Week	1	0	
1/8/2007	002	pH	1/Week	1	0	
1/8/2007	002	Solids, Dissolved-Sum	1/Week	1	0	
1/8/2007	002	Chemical Oxygen Demand	1/Week	1	0	
1/8/2007	002	Dissolved Oxygen	1/Week	1	0	
1/8/2007	002	Oil and Grease, Hexane	1/Week	1	0	
1/22/2007	003	Total Suspended Solids	1/Week	1	0	

Violation			Sample		
Date	Station	Parameter	Frequency	Expected	Reported
1/22/2007	003	Nitrogen, Ammonia (NH3	1/Week	1	0
1/8/2007	003	Flow Rate	1/Week	1	0
1/22/2007	003	CBOD 5 day	1/Week	1	0
1/8/2007	003	pH	1/Week	1	0
1/22/2007	003	Solids, Dissolved-Sum	1/Week	1	0
1/22/2007	003	Chemical Oxygen Demand	1/Week	1	0
1/8/2007	003	Dissolved Oxygen	1/Week	1	0
1/8/2007	003	Ethylene Glycol	1/Week	1	0
1/8/2007	003	Oil and Grease, Hexane	1/Week	1	0
1/8/2007	003	Propylene Glycol, Tota	1/Week	1	0
1/8/2007	006	Total Suspended Solids	1/Week	1	0
1/8/2007	006	Nitrogen, Ammonia (NH3	1/Week	1	0
1/8/2007	006	CBOD 5 day	1/Week	1	0
1/8/2007	006	pH	1/Week	1	0
1/8/2007	006	Solids, Dissolved-Sum	1/Week	1	0
1/8/2007	006	Chemical Oxygen Demand	1/Week	1	0
1/8/2007	006	Dissolved Oxygen	1/Week	1	0
1/8/2007	006	Ethylene Glycol	1/Week	1	0
1/8/2007	006	Oil and Grease, Hexane	1/Week	1	0
1/8/2007	006	Propylene Glycol, Tota	1/Week	1	0
3/22/2007	002	Total Suspended Solids	1/Week	1	0
3/22/2007	002	Nitrogen, Ammonia (NH3	1/Week	1	0
3/22/2007	002	CBOD 5 day	1/Week	1	0
3/22/2007	002	pH	1/Week	1	0
3/22/2007	002	Solids, Dissolved-Sum	1/Week	1	0
3/22/2007	002	Chemical Oxygen Demand	1/Week	1	0
3/22/2007	002	Dissolved Oxygen	1/Week	1	0
3/22/2007	002	Oil and Grease, Hexane	1/Week	1	0
3/22/2007	003	Total Suspended Solids	1/Week	1	0
3/22/2007	003	Nitrogen, Ammonia (NH3	1/Week	1	0
3/22/2007	003	Flow Rate	1/Week	1	0
3/22/2007	003	CBOD 5 day	1/Week	1	0
3/22/2007	003	pH	1/Week	1	0
3/22/2007	003	Solids, Dissolved-Sum	1/Week	1	0
3/22/2007	003	Chemical Oxygen Demand	1/Week	1	0
3/22/2007	003	Dissolved Oxygen	1/Week	1	0
3/22/2007	003	Ethylene Glycol	1/Week	1	0
3/22/2007	003	Oil and Grease, Hexane	1/Week	1	0
3/22/2007	003	Propylene Glycol, Tota	1/Week	1	0
3/22/2007	006	Total Suspended Solids	1/Week	1	0
3/22/2007	006	Nitrogen, Ammonia (NH3	1/Week	1	0
3/22/2007	006	CBOD 5 day	1/Week	1	0
3/22/2007	006	pH	1/Week	1	0
3/22/2007	006	Solids, Dissolved-Sum	1/Week	1	0

Mr. Richard McQueen  
Akron Canton Regional Airport  
October 16, 2007  
Page 5

<b>Violation</b>			<b>Sample</b>		
Date	Station	Parameter	Frequency	Expected	Reported
3/22/2007	006	Chemical Oxygen Demand	1/Week	1	0
3/22/2007	006	Dissolved Oxygen	1/Week	1	0
3/22/2007	006	Ethylene Glycol	1/Week	1	0
3/22/2007	006	Oil and Grease, Hexane	1/Week	1	0
3/22/2007	006	Propylene Glycol, Total	1/Week	1	0
4/7/2007	011	Glycol Mix Applied	1/Day	1	0
5/8/2007	003	Flow Rate	1/Week	1	0
7/8/2007	003	Flow Rate	1/Week	1	0

Please be aware that SWIMWARE is set up to look for 1/week sampling on days 1 through 7, 8 through 14, 15 through 21, and 22 through 28. Weekly sampling outside these timeframes will result in a frequency violation, as indicated above. Our files do not include the noncompliance notifications that are required as outlined in Part III, Section 12 of the NPDES permit. This is a separate violation of your permit for each event

For the upcoming NPDES permit renewal, it is advised that you evaluate the data generated since the permit was effective. If there are any changes you would propose to make, now is the time to make the request. Any proposed changes must be adequately supported by sound science. If you should have any questions concerning the above, feel free to contact this writer at (330) 963-1136.

Sincerely,



Philip P. Rhodes, P.E.  
Environmental Engineer  
Division of Surface Water

PPR/mt

File: Industrial Permit/Compliance