



**Environmental
Protection Agency**

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

November 11, 2010

RE: MCCANN PLASTICS
3IQ00049
OH0107085
STARK COUNTY

Mr. Ray Sbardella
McCann Plastics Inc.
5600 Mayfair Rd.
North Canton, Ohio 44720

Dear Mr. Sbardella:

On November 5, 2010 this writer conducted a compliance evaluation inspection of your facility for the purpose of gathering information necessary to renew the above referenced NPDES Permit. Below is a summary of the inspection.

Process Description

McCann Plastics custom compounds thermoplastic resins. Raw material is brought in by rail car and unloaded inside the west wall of the building. This limits exposure of raw materials to the environment via stormwater. The plastic resins are custom blended to meet individual customer specifications, heated, extruded in one of eight extruders, cut into pellets and packaged.

Wastewater Generated

As the plastic is extruded in strands, it is cooled in a water trough. This is contact cooling water. Heat exchangers cool the extrusion machines and are cooled by non-contact cooling water. The contact cooling water overflows the trough and is replaced continuously to keep the water at the desired temperature. Both the contact and non-contact cooling water enters the floor drains located under each line.

Process water is supplied by well water. Due to the high iron content of the water it is first treated and filtered. Pressure sand filters are backwashed periodically. The backwash is discharged to the City of Canton sanitary sewers and is not included in your NPDES permit.

Sanitary wastewater is also discharged to the available sanitary sewers.

Treatment Provided

No treatment is provided prior to monitoring at internal station 601. This station is located inside the building under the second to the last extrusion line. There is one more extrusion line, which was added somewhere in 2003/2004, that discharges downstream of station 601. As such it does not represent the entire process wastewater flow. Currently the

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sampling is done by inserting the sample container inside a 6 inch hole on the floor. A picture of this location, taken in 2007 is attached for reference. We again discussed constructing a sample station which captures all process water before station 601. The sampling station should be constructed to provide clear visual access to the water in order to ensure a good sample is obtained.

Wastewater from station 601 flows outside the building wall to a pond located on the south side of the property. This pond also receives storm water from the building roof. The pond is approximately ¼ acre in size. The overflow is to a open grate catch basin located at the southeast corner of the pond. This is where sampling for outfall 001 occurs. The discharge then flows approximately 50 to 60 feet east to Zimber Ditch.

A review of your compliance history since the effective date through September 2010 indicated the following violations of your NPDES permit:

Numeric Violations

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
601	Total Suspended Solids	1D Qty	22.6	2602187	12/1/2008
601	Biochemical Oxygen Dem	1D Qty	20.3	1561312	12/1/2008
601	Oil and Grease, Total	1D Qty	14.8	2081750	12/1/2008
601	Oil and Grease, Total	1D Qty	14.8	1003025	12/15/2008
601	Total Suspended Solids	1D Qty	22.6	2838750	2/2/2009
601	Total Suspended Solids	1D Qty	22.6	6273637	2/10/2009
601	Total Suspended Solids	1D Qty	22.6	2895525	2/16/2009
601	Total Suspended Solids	1D Qty	22.6	5700210	2/23/2009
601	Biochemical Oxygen Dem	1D Qty	20.3	1447762	2/16/2009
601	Total Suspended Solids	1D Qty	22.6	1589700	7/7/2008
601	Total Suspended Solids	1D Qty	22.6	1663507	7/29/2008
601	Biochemical Oxygen Dem	1D Qty	20.3	1059800	7/7/2008
601	Biochemical Oxygen Dem	1D Qty	20.3	2218010	7/29/2008
601	Oil and Grease, Total	1D Qty	14.8	1663507	7/14/2008
601	Oil and Grease, Total	1D Qty	14.8	3802032	7/22/2008
601	Oil and Grease, Total	1D Qty	14.8	2218010	7/29/2008
601	Total Suspended Solids	1D Qty	22.6	3065850	1/20/2009
601	Total Suspended Solids	1D Qty	22.6	5109750	1/27/2009
601	Biochemical Oxygen Dem	1D Qty	20.3	1968200	1/6/2009
601	Oil and Grease, Total	1D Qty	14.8	1021950	1/20/2009
601	Total Suspended Solids	1D Qty	22.6	4602560	11/4/2008
601	Total Suspended Solids	1D Qty	22.6	5109750	11/11/2008
601	Total Suspended Solids	1D Qty	22.6	4939425	11/18/2008

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Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
601	Total Suspended Solids	1D Qty	22.6	1618087	11/25/2008
601	Biochemical Oxygen Dem	1D Qty	20.3	2195300	11/18/2008
601	Oil and Grease, Total	1D Qty	14.8	4027240	11/4/2008
601	Oil and Grease, Total	1D Qty	14.8	2838750	11/11/2008
601	Oil and Grease, Total	1D Qty	14.8	1097650	11/18/2008
601	Total Suspended Solids	1D Qty	22.6	4163500	6/10/2008
601	Total Suspended Solids	1D Qty	22.6	3156690	6/24/2008
601	Biochemical Oxygen Dem	1D Qty	20.3	4854262	6/3/2008
601	Biochemical Oxygen Dem	1D Qty	20.3	1578345	6/24/2008
601	Biochemical Oxygen Dem	1D Qty	20.3	1578345	6/30/2008
601	Oil and Grease, Total	1D Qty	14.8	2081750	6/10/2008
601	Oil and Grease, Total	1D Qty	14.8	1589700	6/17/2008
601	Oil and Grease, Total	1D Qty	14.8	2630575	6/24/2008
601	Oil and Grease, Total	1D Qty	14.8	1578345	6/30/2008
001	pH	1D Conc	6.5	5.	3/3/2008

Frequency Violations

Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	Color, Severity	1/Month	1	0	12/01/2008
001	Flow Rate	1/Month	1	0	12/01/2008
001	Oil and Grease, Total	1/Quarter	1	0	12/01/2008
601	Total Suspended Solids	1/Week	1	0	12/22/2008
601	pH	1/Week	1	0	12/22/2008
601	Biochemical Oxygen Dem	1/Week	1	0	12/22/2008
601	Oil and Grease, Total	1/Week	1	0	12/22/2008
601	Total Suspended Solids	1/Week	1	0	07/15/2008
601	pH	1/Week	1	0	07/15/2008
601	Biochemical Oxygen Dem	1/Week	1	0	07/15/2008
601	Oil and Grease, Total	1/Week	1	0	07/15/2008
001	Color, Severity	1/Month	1	0	06/01/2008
001	Flow Rate	1/Month	1	0	06/01/2008
001	Oil and Grease, Total	1/Quarter	1	0	06/01/2008
601	Total Suspended Solids	1/Week	1	0	04/01/2008
601	Flow Rate	1/Day	1	0	04/01/2008
601	Flow Rate	1/Day	1	0	04/02/2008
601	Flow Rate	1/Day	1	0	04/03/2008
601	Flow Rate	1/Day	1	0	04/04/2008
601	Flow Rate	1/Day	1	0	04/05/2008
601	Flow Rate	1/Day	1	0	04/06/2008

Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
601	Flow Rate	1/Day	1	0	04/07/2008
601	Flow Rate	1/Day	1	0	04/08/2008
601	Flow Rate	1/Day	1	0	04/09/2008
601	Flow Rate	1/Day	1	0	04/10/2008
601	Flow Rate	1/Day	1	0	04/11/2008
601	Flow Rate	1/Day	1	0	04/12/2008
601	Flow Rate	1/Day	1	0	04/13/2008
601	Flow Rate	1/Day	1	0	04/14/2008
601	Flow Rate	1/Day	1	0	04/15/2008
601	Flow Rate	1/Day	1	0	04/16/2008
601	Flow Rate	1/Day	1	0	04/17/2008
601	Flow Rate	1/Day	1	0	04/18/2008
601	Flow Rate	1/Day	1	0	04/19/2008
601	Flow Rate	1/Day	1	0	04/20/2008
601	Flow Rate	1/Day	1	0	04/21/2008
601	Flow Rate	1/Day	1	0	04/22/2008
601	Flow Rate	1/Day	1	0	04/23/2008
601	Flow Rate	1/Day	1	0	04/24/2008
601	Flow Rate	1/Day	1	0	04/25/2008
601	Flow Rate	1/Day	1	0	04/26/2008
601	Flow Rate	1/Day	1	0	04/27/2008
601	Flow Rate	1/Day	1	0	04/28/2008
601	Flow Rate	1/Day	1	0	04/29/2008
601	Flow Rate	1/Day	1	0	04/30/2008
601	pH	1/Week	1	0	04/01/2008
601	Biochemical Oxygen Dem	1/Week	1	0	04/01/2008
601	Oil and Grease, Total	1/Week	1	0	04/01/2008
601	Flow Rate	1/Day	1	0	05/01/2008
601	Flow Rate	1/Day	1	0	05/02/2008
601	Flow Rate	1/Day	1	0	05/03/2008
601	Flow Rate	1/Day	1	0	05/04/2008
601	Flow Rate	1/Day	1	0	05/05/2008
601	Flow Rate	1/Day	1	0	05/06/2008
601	Flow Rate	1/Day	1	0	05/07/2008
601	Flow Rate	1/Day	1	0	05/08/2008
601	Flow Rate	1/Day	1	0	05/09/2008
601	Flow Rate	1/Day	1	0	05/10/2008
601	Flow Rate	1/Day	1	0	05/11/2008
601	Flow Rate	1/Day	1	0	05/12/2008
601	Flow Rate	1/Day	1	0	05/13/2008
601	Flow Rate	1/Day	1	0	05/14/2008
601	Flow Rate	1/Day	1	0	05/15/2008
601	Flow Rate	1/Day	1	0	05/16/2008

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Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
601	Flow Rate	1/Day	1	0	05/17/2008
601	Flow Rate	1/Day	1	0	05/18/2008
601	Flow Rate	1/Day	1	0	05/19/2008
601	Flow Rate	1/Day	1	0	05/20/2008
601	Flow Rate	1/Day	1	0	05/21/2008
601	Flow Rate	1/Day	1	0	05/22/2008
601	Flow Rate	1/Day	1	0	05/23/2008
601	Flow Rate	1/Day	1	0	05/24/2008
601	Flow Rate	1/Day	1	0	05/25/2008
601	Flow Rate	1/Day	1	0	05/26/2008
601	Flow Rate	1/Day	1	0	05/27/2008
601	Flow Rate	1/Day	1	0	05/28/2008
601	Flow Rate	1/Day	1	0	05/29/2008
601	Flow Rate	1/Day	1	0	05/30/2008
601	Flow Rate	1/Day	1	0	05/31/2008
601	Flow Rate	1/Day	1	0	02/01/2008
601	Flow Rate	1/Day	1	0	02/02/2008
601	Flow Rate	1/Day	1	0	02/03/2008
601	Flow Rate	1/Day	1	0	02/04/2008
601	Flow Rate	1/Day	1	0	02/05/2008
601	Flow Rate	1/Day	1	0	02/06/2008
601	Flow Rate	1/Day	1	0	02/07/2008
601	Flow Rate	1/Day	1	0	02/08/2008
601	Flow Rate	1/Day	1	0	02/09/2008
601	Flow Rate	1/Day	1	0	02/10/2008
601	Flow Rate	1/Day	1	0	02/11/2008
601	Flow Rate	1/Day	1	0	02/12/2008
601	Flow Rate	1/Day	1	0	02/13/2008
601	Flow Rate	1/Day	1	0	02/14/2008
601	Flow Rate	1/Day	1	0	02/15/2008
601	Flow Rate	1/Day	1	0	02/16/2008
601	Flow Rate	1/Day	1	0	02/17/2008
601	Flow Rate	1/Day	1	0	02/18/2008
601	Flow Rate	1/Day	1	0	02/19/2008
601	Flow Rate	1/Day	1	0	02/20/2008
601	Flow Rate	1/Day	1	0	02/21/2008
601	Flow Rate	1/Day	1	0	02/22/2008
601	Flow Rate	1/Day	1	0	02/23/2008
601	Flow Rate	1/Day	1	0	02/24/2008
601	Flow Rate	1/Day	1	0	02/25/2008
601	Flow Rate	1/Day	1	0	02/26/2008
601	Flow Rate	1/Day	1	0	02/27/2008
601	Flow Rate	1/Day	1	0	02/28/2008

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Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
601	Flow Rate	1/Day	1	0	02/29/2008
001	Color, Severity	1/Month	1	0	03/01/2008
001	Oil and Grease, Total	1/Quarter	1	0	03/01/2008
601	Flow Rate	1/Day	1	0	03/01/2008
601	Flow Rate	1/Day	1	0	03/02/2008
601	Flow Rate	1/Day	1	0	03/03/2008
601	Flow Rate	1/Day	1	0	03/04/2008
601	Flow Rate	1/Day	1	0	03/05/2008
601	Flow Rate	1/Day	1	0	03/06/2008
601	Flow Rate	1/Day	1	0	03/07/2008
601	Flow Rate	1/Day	1	0	03/08/2008
601	Flow Rate	1/Day	1	0	03/09/2008
601	Flow Rate	1/Day	1	0	03/10/2008
601	Flow Rate	1/Day	1	0	03/11/2008
601	Flow Rate	1/Day	1	0	03/12/2008
601	Flow Rate	1/Day	1	0	03/13/2008
601	Flow Rate	1/Day	1	0	03/14/2008
601	Flow Rate	1/Day	1	0	03/15/2008
601	Flow Rate	1/Day	1	0	03/16/2008
601	Flow Rate	1/Day	1	0	03/17/2008
601	Flow Rate	1/Day	1	0	03/18/2008
601	Flow Rate	1/Day	1	0	03/19/2008
601	Flow Rate	1/Day	1	0	03/20/2008
601	Flow Rate	1/Day	1	0	03/21/2008
601	Flow Rate	1/Day	1	0	03/22/2008
601	Flow Rate	1/Day	1	0	03/23/2008
601	Flow Rate	1/Day	1	0	03/24/2008
601	Flow Rate	1/Day	1	0	03/25/2008
601	Flow Rate	1/Day	1	0	03/26/2008
601	Flow Rate	1/Day	1	0	03/27/2008
601	Flow Rate	1/Day	1	0	03/28/2008
601	Flow Rate	1/Day	1	0	03/29/2008
601	Flow Rate	1/Day	1	0	03/30/2008
601	Flow Rate	1/Day	1	0	03/31/2008
001	Color, Severity	1/Month	1	0	03/01/2009
001	Flow Rate	1/Month	1	0	03/01/2009
001	Oil and Grease, Total	1/Quarter	1	0	03/01/2009
601	Flow Rate	1/Day	1	0	03/01/2009
601	Flow Rate	1/Day	1	0	03/02/2009
601	Flow Rate	1/Day	1	0	03/03/2009
601	Flow Rate	1/Day	1	0	03/04/2009
601	Flow Rate	1/Day	1	0	03/05/2009
601	Flow Rate	1/Day	1	0	03/06/2009

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Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
601	Flow Rate	1/Day	1	0	03/07/2009
601	Flow Rate	1/Day	1	0	03/08/2009
601	Flow Rate	1/Day	1	0	03/09/2009
601	Flow Rate	1/Day	1	0	03/10/2009
601	Flow Rate	1/Day	1	0	03/11/2009
601	Flow Rate	1/Day	1	0	03/12/2009
601	Flow Rate	1/Day	1	0	03/13/2009
601	Flow Rate	1/Day	1	0	03/14/2009
601	Flow Rate	1/Day	1	0	03/15/2009
601	Flow Rate	1/Day	1	0	03/16/2009
601	Flow Rate	1/Day	1	0	03/17/2009
601	Flow Rate	1/Day	1	0	03/18/2009
601	Flow Rate	1/Day	1	0	03/19/2009
601	Flow Rate	1/Day	1	0	03/20/2009
601	Flow Rate	1/Day	1	0	03/21/2009
601	Flow Rate	1/Day	1	0	03/22/2009
601	Flow Rate	1/Day	1	0	03/23/2009
601	Flow Rate	1/Day	1	0	03/24/2009
601	Flow Rate	1/Day	1	0	03/25/2009
601	Flow Rate	1/Day	1	0	03/26/2009
601	Flow Rate	1/Day	1	0	03/27/2009
601	Flow Rate	1/Day	1	0	03/28/2009
601	Flow Rate	1/Day	1	0	03/29/2009
601	Flow Rate	1/Day	1	0	03/30/2009
601	Flow Rate	1/Day	1	0	03/31/2009
601	Total Suspended Solids	1/Week	1	0	04/01/2009
601	pH	1/Week	1	0	04/01/2009
601	Biochemical Oxygen Dem	1/Week	1	0	04/01/2009
601	Oil and Grease, Total	1/Week	1	0	04/01/2009
001	Color, Severity	1/Month	1	0	06/01/2010
001	Oil and Grease, Total	1/Quarter	1	0	06/01/2010
601	Total Suspended Solids	1/Week	1	0	06/15/2010
601	pH	1/Week	1	0	06/15/2010
601	Biochemical Oxygen Dem	1/Week	1	0	06/15/2010
601	Oil and Grease, Total	1/Week	1	0	06/15/2010
001	Color, Severity	1/Month	1	0	03/01/2010
001	Flow Rate	1/Month	1	0	03/01/2010
001	Oil and Grease, Total	1/Quarter	1	0	03/01/2010
601	Total Suspended Solids	1/Week	1	0	11/15/2009
601	pH	1/Week	1	0	11/15/2009
601	Biochemical Oxygen Dem	1/Week	1	0	11/15/2009
601	Oil and Grease, Total	1/Week	1	0	11/15/2009
001	Color, Severity	1/Month	1	0	08/01/2009

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Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	Flow Rate	1/Month	1	0	08/01/2009
001	Oil and Grease, Total	1/Quarter	1	0	08/01/2009
001	Color, Severity	1/Month	1	0	06/01/2009
001	Flow Rate	1/Month	1	0	06/01/2009
001	Oil and Grease, Total	1/Quarter	1	0	06/01/2009
001	Color, Severity	1/Month	1	0	08/01/2008
001	Flow Rate	1/Month	1	0	08/01/2008
001	Oil and Grease, Total	1/Quarter	1	0	08/01/2008
001	Color, Severity	1/Month	1	0	12/01/2007
001	Flow Rate	1/Month	1	0	12/01/2007
001	Oil and Grease, Total	1/Quarter	1	0	12/01/2007
601	Total Suspended Solids	1/Week	1	0	12/22/2007
601	pH	1/Week	1	0	12/22/2007
601	Biochemical Oxygen Dem	1/Week	1	0	12/22/2007
601	Oil and Grease, Total	1/Week	1	0	12/22/2007
001	Color, Severity	1/Month	1	0	12/01/2009
001	Flow Rate	1/Month	1	0	12/01/2009
001	Oil and Grease, Total	1/Quarter	1	0	12/01/2009
601	Total Suspended Solids	1/Week	1	0	12/15/2009
601	pH	1/Week	1	0	12/15/2009
601	Biochemical Oxygen Dem	1/Week	1	0	12/15/2009
601	Oil and Grease, Total	1/Week	1	0	12/15/2009

A Storm Water Pollution Prevention Plan (SWPPP) was to be completed by your company. Please submit a copy of this plan to this writer no later than the end of January 2011. If you should have any questions concerning any of the above, feel free to contact this writer at (330) 963-1136 or by e-mail at phil.rhodes@epa.state.oh.us.

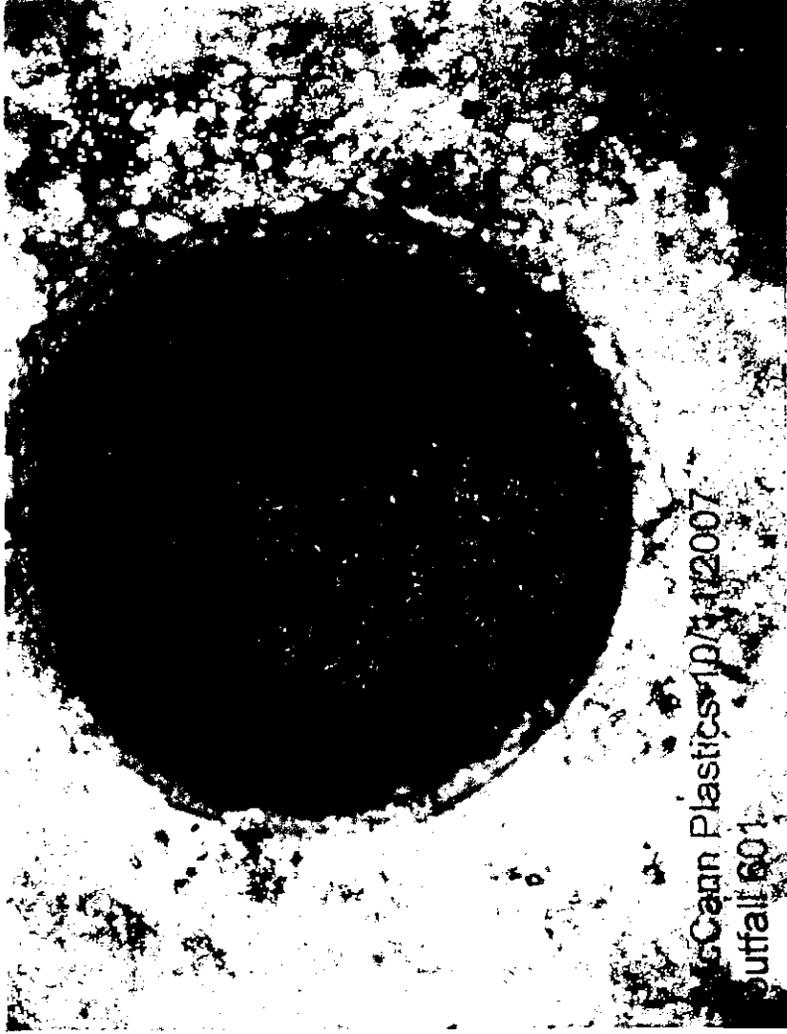
Sincerely,



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

PPR/mt

File: Industrial Permit/Compliance



McCann Plastics 10/31/2007
outfall 601