



August 25, 2010

Mr. Tom Hutchings

City of Flint Water Pollution
Water Pollution Control Facilities
G4652 Beecher Rd.
Flint, Michigan 48532

RE: Discharge Permit Application and Special Alternative Limits
Coldwater Road Landfill
1245 East Coldwater Road, Flint, MI
Permit No.: 6-08-04-04-GML1

File: 14774/46317 #2

Dear Mr. Hutchings:

O'Brien & Gere, on behalf of Motors Liquidation Company (MLC, formerly General Motors Corporation [GM]), is pleased to provide the attached Sanitary Sewer Use Permit Application (# MLC BMD 2010) for discharge from the Coldwater Road Landfill Facility pursuant to the City of Flint's (City) letter dated August 3, 2010. Pursuant to our recent conversations with you and conversations with City officials since 2004, MLC is requesting your review and approval of Special Alternative Limits (SALs) for amenable cyanide, arsenic, chromium, copper, and nickel in wastewater discharges under discharge permit 6-08-04-04-GML1 (or subsequent new permit number) issued by the City. Tables 1 and 2 summarize the proposed SALs for the Coldwater Road Landfill Facility, and compares the last five years of site data with the current sewer use permit limits (Table 1) and the 2005 ordinance limits (Table 2).

Due to the reduction in a number of the discharge limits under the 2005 ordinance, it is likely that discharges from the landfill could no longer be made from the facility to the City's POTW. Therefore, the SALs are needed to avoid the hardship of requiring off-site disposal of the accumulated liquids from the facility, particularly because maintenance of this landfill is the responsibility of a bankrupt entity (MLC) and there are limited resources available to MLC to complete post-closure care activities at this landfill. Note that there is a process in progress through the bankruptcy court and with the involvement of the Federal Government to dissolve MLC and transfer responsibility for maintenance of this facility to an environmental trust.

The SALs were calculated based on the recommended procedure at the time of the February 25, 2005 letter in which GM first requested SALs for four of their facilities. The newly calculated SALs utilized the last five years of data, per our conversation on August 19, 2005, to better represent the more recent data while still allowing a statistically significant (or robust) number of sampling events (*i.e.*, 24) for the statistical calculations.

The SALs were calculated using a statistical tolerance interval, as described in Taylor¹, to find a SAL for each of the aforementioned constituents that will not be exceeded during normal operations. The tolerance interval represents the limits within which a specified percentage of the population values for a given constituent in the discharge, "p", is expected to lie with a given probability, "τ". To determine SALs that will not be exceeded during normal facility operations, 99.9% was chosen for percentage "p" and 99% was chosen for probability "τ". This gives a factor "k" for computing two-sided tolerance intervals for a normal distribution. In this case, for a sample size of 24, "k" is calculated as 4.831. Therefore, at the Coldwater Road Landfill facility, the SALs for each proposed constituent the tolerance interval was calculated by adding the mean (*i.e.*, average) concentration to "k" (4.831) times the standard deviation of the data set to arrive at the requested SAL. The lower tolerance limit is of no interest and is not calculated or presented for the constituents.

The following sections present the SAL for each constituent and further justification for its appropriateness.

37000 Grand River Avenue, Suite 260, Farmington Hills, MI 48335 | p 248-477-5701 | f 248-477-5962 | www.obg.com

AMENABLE CYANIDE

The proposed SAL for amenable cyanide is 0.085 mg/l, based on an average concentration of 0.00946 mg/l and a standard deviation of 0.0156. This represents only 68% of what might be allocated to the facility on a volumetric basis based on the Uniformly Allocated Limits (0.125 mg/l) presented in your August 3, 2010 letter. Furthermore, this is only 3.2% of the amenable cyanide discharge limit (of 2.7 mg/l for four consecutive monitoring days) for facilities that discharge less than 10,000 gallons per day under the pretreatment standards for existing sources (PSES) for the Electroplating Point Source Pretreatment Category under 40 CFR 413. Although we understand that this standard does not apply directly to the Coldwater Road Landfill facility, it is a reasonable standard to compare to given that the materials placed in the landfill were stabilized wastes associated with electroplating operations at the former Peregrine facility (*i.e.*, are considered an F006 waste material).

The average daily discharge from the facility is 94 gallons per day (gpd) based on the last five years of discharge data. It is expected to further reduce to about 54 gpd based on the data since September 2007 after repairs to the landfill were made that reduced the amount of infiltration entering the leak detection system (LDS), which is ultimately discharged to the POTW if it meets the discharge limits.

The average mass of amenable cyanide that has been discharged to the POTW over the last five years is 0.0027 pounds per year. Assuming the maximum allowable daily discharge volume of 5,000 gallons contained the highest amenable cyanide concentration detected (0.070 mg/l), then 0.0029 pounds per day (lb/d), or 0.1% of the 2.66 lb/d allowed under the City's Maximum Allowable Industrial Loading (MAIL) would be discharged to the POTW.

ARSENIC

The proposed SAL for arsenic is 0.048 mg/l based on an average concentration of 0.014 mg/l and a standard deviation of 0.0071. This represents only 19% of what might be allocated to the facility on a volumetric basis based on the City's Uniformly Allocated Limits (0.252 mg/l). Furthermore, this is only 8.9% of the arsenic discharge limit (of 0.54 mg/l for a monthly average) for landfill facilities under the best practicable control technology (BPT) pretreatment standards for the Landfills Point Source Category under 40 CFR 445 (there is no arsenic standard under the Electroplating Point Source Pretreatment Category, and there is not a cyanide standard for landfills). Although, we understand that this standard does not apply directly to the Coldwater Road Landfill facility because we have not applied for this standard, it is a reasonable standard to compare to given that the facility is a landfill.

The average mass of arsenic that has been discharged to the POTW over the last five years is 0.0040 pounds per year. Assuming the maximum allowable daily discharge volume of 5,000 gallons contained the highest arsenic concentration detected (0.029 mg/l), then 0.0012 lb/d, or 0.02% of the 5.29 lb/d allowed under the City's MAIL would be discharged to the POTW.

CHROMIUM

The proposed SAL for chromium is 0.21 mg/l based on an average concentration of 0.049 mg/l and a standard deviation of 0.033. This represents only 2.8% of what might be allocated to the facility on a volumetric basis based on the City's Uniformly Allocated Limits (7.634 mg/l). Furthermore, this is only 46% of the chromium discharge limit (of 0.46 mg/l for a monthly average) for landfill facilities under the BPT pretreatment standards for the Landfills Point Source Category under 40 CFR 445 (the chromium standard under the Electroplating Point Source Pretreatment Category is even higher at 4.0 mg/l for 4 consecutive monitoring days). Although we understand that this standard does not apply directly to the Coldwater Road Landfill facility because we have not applied for this standard, it is a reasonable standard to compare to given that the facility is a landfill.

The average mass of chromium that has been discharged to the POTW over the last five years is 0.014 pounds per year. Assuming the maximum allowable daily discharge volume of 5,000 gallons contained the highest chromium concentration detected (0.132 mg/l), then 0.0055 lb/d, or 0.003% of the 162 lb/d allowed under the City's MAIL would be discharged to the POTW.

COPPER

The proposed SAL for copper is 3.1 mg/l based on an average concentration of 0.745 mg/l and a standard deviation of 0.492. This represents 167% of what might be allocated to the facility on a volumetric basis based on the City's Uniformly Allocated Limits (1.857 mg/l). In addition, this is 115% of the copper discharge limit (of 2.7 mg/l for four consecutive monitoring days) for the Electroplating Point Source Pretreatment Category under 40 CFR 413; however, this is only 69% of the maximum daily discharge limit for the Electroplating Point Source Pretreatment Category (there is no copper standard under the Landfills Point Source Pretreatment Category). Although we understand that this standard does not apply directly to the Coldwater Road Landfill facility, it is a reasonable standard to compare to given that the materials placed in the landfill were stabilized wastes associated with electroplating operations at the former Peregrine facility (*i.e.*, are considered an F006 waste material).

The average mass of copper that has been discharged to the POTW over the last five years is 0.21 pounds per year. Assuming the maximum allowable daily discharge volume of 5,000 gallons contained the highest copper concentration detected (2.33 mg/l), then 0.097 lb/d, or 0.25% of the 39.4 lb/d allowed under the City's MAIL would be discharged to the POTW.

NICKEL

The proposed SAL for nickel is 0.79 mg/l based on an average concentration of 0.209 mg/l and a standard deviation of 0.121. This only represents 48% of what might be allocated to the facility on a volumetric basis based on the City's Uniformly Allocated Limits (1.635 mg/l). Furthermore, this is only 30% of the nickel discharge limit (of 2.6 mg/l for 4 consecutive monitoring days) for the Electroplating Point Source Pretreatment Category under 40 CFR 413 (there is no nickel standard under the Landfills Point Source Pretreatment Category). Although we understand that this standard does not apply directly to the Coldwater Road Landfill facility, it is a reasonable standard to compare to given that the materials placed in the landfill were stabilized wastes associated with electroplating operations at the former Peregrine facility (*i.e.*, are considered an F006 waste material).

The average mass of nickel that has been discharged to the POTW over the last five years is 0.060 pounds per year. Assuming the maximum allowable daily discharge volume of 5,000 gallons contained the highest nickel concentration detected (0.52 mg/l), then 0.022 lb/d, or 0.06% of the 34.7 lb/d allowed under the City's MAIL would be discharged to the POTW.

Mr. Tom Hutchings
August 25, 2010
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Please call me at 248-477-5701 ext. 16 with any questions, or to further discuss this matter.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Scott L. Cormier, PE
Vice President

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Clifford S. Yantz
Technical Associate

Enclosures

cc: Mr. David Favero – Motors Liquidation Co.
Mr. Kevin Schneider – O'Brien & Gere

¹ Taylor, John Keenan. *Quality Assurance of Chemical Measurements*. Lewis Publishers, 1987.

TABLES

TABLE 1
MLC
Coldwater Road Landfill
Sewer Use Permit Application
Summary of Results

Parameter/ Sample Date	Amenable Cyanide	BOD5	COD	Oil and Grease (HEM)	Phenol	Ammonia (currently Total Kjeldahl Nitrogen)	Total Phosphorus	Total Suspended Solids	Total Arsenic	Total Chromium	Total Copper	Total Mercury	Total Nickel	Total Zinc	Herbicides and Pesticides ⁽⁶⁾	PCB's ⁽⁶⁾	SVOCs ⁽⁴⁾	VOCs ⁽⁴⁾	BTEX	Total Discharge (per quarter)	Number of Discharge Events (per quarter)
Current Sewer Use Permit Limit ⁽⁵⁾	0.065	811	n/l	216	20	107	15	571	2.3	24	1.0	No Discharge	0.86	6.4	n/l	n/l	n/l	n/l	0.020	5,000 gallons per day max. ⁽⁵⁾	
New Ordinance Limits	0.005	427	n/l	100	n/l	37 ⁽⁹⁾	7	305	0.012	0.048	0.179	0.000012	0.043	0.445	n/l	2.04E-07	n/l	n/l	B 0.001 T 0.187 E 0.001 X 0.002		
MLC 2010 Proposed SALs	0.085								0.048	0.21	3.1		0.79								
28-Mar-2005	0.025	6.9	130	3	0.0082	8.6	0.005	5	0.012	0.046	1.2 ⁽⁸⁾	<0.0002	0.2	0.012	ND	ND	ND	ND	<0.004	2,666	2
16-Jun-2005	0.0025	120	102	0.5	0.005	12.4	0.03	19	0.007	0.018	0.312	<0.0002	0.099	0.022	ND	ND	ND	ND	<0.004	30,776	8
19-Sep-2005	0.0025	67	202	1	0.005	24.1	0.13	6.0	0.029	0.028	0.483	<0.0002	0.332	0.005	ND	ND	ND	ND ⁽¹¹⁾	<0.005	5,897	2
8-Mar-2006	0.0025	3	84	0.5	0.005	4.4	0.04	7.0	0.007	0.049	0.508	<0.0002	0.116	0.005	ND	ND	ND	ND	<0.006	14,755	4
3-Apr-2006	0.0025	59	114	1	0.005	13.3	0.03	5.0	0.007	0.087	0.278	<0.0002	0.068	0.0025	ND	ND	ND	ND	<0.005	9,728	9
1-May-2006	0.0025	15	46	0.5	0.005	3.9	0.02	6.0	0.004	0.035	0.19	<0.0002	0.058	0.008	ND	ND	ND	ND	<0.005	13,517	9
13-Jun-2006	0.0025	11	54	0.5	0.005	3.1	0.02	44.0	0.01	0.025	0.25	<0.0002	0.070	0.025	ND	ND	ND	ND	<0.005	10,946	9
11-Sep-2006	0.0025	12	73	14	0.005	4.3	0.02	1.0	0.004	0.019	0.373	<0.0002	0.101	0.012	ND	ND	ND	ND	<0.005	9,648	2
27-Nov-2006	0.0025	45	108	3	0.005	14.5	0.03	0.5	0.017	0.029	0.515	<0.0002	0.137	0.0025	ND	ND	ND	ND	<0.005	8,827	2
5-Mar-2007	0.0025	10	110	0.5	0.005	4.1	0.02	1	0.009	0.021	0.626	<0.0002	0.178	0.012	ND	ND	ND	ND	<0.005	5,219	2
4-Jun-2007	0.0025	6	95	0.5	0.005	3.3	0.03	3	0.010	0.023	0.584	<0.0002	0.160	0.012	ND	ND	ND	ND ⁽¹¹⁾	0.0001	5,196	2
10-Sep-2007	0.017	19	156	0.5	0.005	8.1	0.06	1	0.023	0.017	0.786	<0.0002	0.230	0.012	ND	ND	ND	ND ⁽¹¹⁾	<0.005	3,016	1
12-Nov-2007	0.0025	27	168	2	0.005	6.9	0.05	4	0.018	0.011	0.873	<0.0002	0.241	0.030	ND	ND	ND	ND	<0.005	5,034	2
19-Feb-2008	0.0025	5	138	2	0.005	4.2	0.04	3	0.009	0.082	0.792	<0.0002	0.153	0.022	ND	ND	ND ⁽¹¹⁾	ND	<0.005	5,395	2
27-May-2008	0.0025	4	106	1	0.005	3.1	0.03	1	0.011	0.094	0.564	<0.0002	0.133	0.015	ND	ND	ND	ND	<0.006	3,500	1
3-Sep-2008	0.034	17	143	1	0.005	6.2	0.06	4	0.017	0.045	0.754	<0.0002	0.190	0.041	ND	ND	ND	ND	<0.006	3,616	1
17-Nov-2008	0.0025	20	176	1	0.005	5.2	0.05	1	0.023	0.037	0.295	<0.0002	0.289	0.007	ND	ND	ND	ND ⁽¹¹⁾	<0.006	5,552	2
18-Feb-2009	0.0025	31	141	1	0.005	5.3	0.05	100	0.011	0.058	0.652	<0.0002	0.216	0.014	ND	ND	ND	ND	<0.006	3,943	1
14-May-2009	0.0025	22	132	0.5	0.005	6.3	0.08	9	0.012	0.086	0.966	<0.0002	0.232	0.026	ND	ND	ND	ND	<0.006	5,358	2
19-Aug-2009	0.070 ⁽⁸⁾	20	208	1	0.005	11.3	0.12	53	0.023	0.097	1.49 ⁽⁸⁾	<0.0002	0.315	0.034	ND	ND	ND	ND	<0.006	3,263	Disposed off site
17-Nov-2009	0.014	33	298	1	0.005	18.4	0.09	6	0.023	0.027	1.43 ⁽⁸⁾	<0.0002	0.514	0.0025	ND	ND	ND ⁽¹¹⁾	ND	<0.006	2,758	Disposed off site
15-Dec-2009	0.0025	77	229	0.5	0.005	16.5	0.18	982 ⁽⁸⁾	0.024	0.132	2.33 ⁽⁸⁾	<0.0002	0.520	0.110	ND	ND	ND	ND ⁽¹¹⁾	<0.006	Disposed off site (03-2010)	
23-Feb-2010	0.0025	32	162	0.5	0.005	7.9	0.03	116	0.01	0.026	0.517	<0.0002	0.234	0.008	ND	ND	ND	ND	<0.006	6,869	2
19-May-2010	0.022	7	156	1	0.005	7.5	0.22	10	0.016	0.086	1.11	<0.0002	0.231	0.026	ND	ND	ND	ND	<0.006	5,641	Disposed off site
Maximum	0.07	120	298	14	0.01	24	0.22	982	0.029	0.132	2.3		0.52	0.110							
Average	0.00946	27.8708	138.792	1.58333	0.00513	8.45417	0.05979	57.813	0.014	0.04908	0.745		0.20904	0.0194						8,556	3
Standard Deviation	0.0156	28.123	57.3524	2.74522	0.00065	5.52299	0.05346	199.25	0.0071	0.03307	0.492		0.12122	0.02201							
99th Percentile	0.0563	112.24	310.849	9.81899	0.00709	25.0231	0.22016	655.56	0.03529	0.14829	2.219		0.57271	0.08542							

Notes: 1. Units are mg/L (ppm)
2. 'n/l' denotes no limitation.
3. '-' denotes parameter not analyzed for.
4. See Sewer Use permit for parameter list.
5. Current Sewer Use Permit Limits are based on a maximum 5,000 gallon per day discharge limit. Prior to April 1, 2001 the maximum per day discharge limit was 1,000 gallons per day. Thus the permit limitations for the parameters in this table, prior to April 2001, were five times the current limits.

6. 'ND' denotes no detections of the organic parameters listed in the Sewer Use Permit.
7. Bis(2-ethylhexyl)phthalate was the sole parameter identified.
8. Shaded values denote exceedence of permit limitation.
9. As ammonia (TKN measures ammonia nitrogen as well as organic nitrogen; however, at this site organic nitrogen is not expected; therefore, TKN results should be comparable to ammonia nitrogen).
10. Non-detections for indicator parameters (except mercury) are represented by one half of the detection limit to allow statistical analysis.
11. See Table 3 for SVOCs and VOCs detection values.

TABLE 2
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19-Feb-2008	0.0025	5	138	2	0.005	4.2	0.04	3	0.009	0.082	0.792	<0.0002	0.153	0.022	ND	ND	ND ⁽¹¹⁾	ND	<0.005	5,395	2
27-May-2008	0.0025	4	106	1	0.005	3.1	0.03	1	0.011	0.094	0.564	<0.0002	0.133	0.015	ND	ND	ND	ND	<0.006	3,500	1
3-Sep-2008	0.034	17	143	1	0.005	6.2	0.06	4	0.017	0.045	0.754	<0.0002	0.190	0.041	ND	ND	ND	ND	<0.006	3,616	1
17-Nov-2008	0.0025	20	176	1	0.005	5.2	0.05	1	0.023	0.037	0.295	<0.0002	0.289	0.007	ND	ND	ND	ND ⁽¹¹⁾	<0.006	5,552	2
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14-May-2009	0.0025	22	132	0.5	0.005	6.3	0.08	9	0.012	0.086	0.966	<0.0002	0.232	0.026	ND	ND	ND	ND	<0.006	5,358	2
19-Aug-2009	0.070 ⁽⁸⁾	20	208	1	0.005	11.3	0.12	53	0.023	0.097	1.49 ⁽⁸⁾	<0.0002	0.315	0.034	ND	ND	ND	ND	<0.006	3,263	Disposed off site
17-Nov-2009	0.014	33	298	1	0.005	18.4	0.09	6	0.023	0.027	1.43 ⁽⁸⁾	<0.0002	0.514	0.0025	ND	ND	ND ⁽¹¹⁾	ND	<0.006	2,758	Disposed off site
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23-Feb-2010	0.0025	32	162	0.5	0.005	7.9	0.03	116	0.01	0.026	0.517	<0.0002	0.234	0.008	ND	ND	ND	ND	<0.006	6,869	2
19-May-2010	0.022	7	156	1	0.005	7.5	0.22	10	0.016	0.086	1.11 ⁽⁸⁾	<0.0002	0.231	0.026	ND	ND	ND	ND	<0.006	5,641	Disposed off site
Maximum	0.07	120	298	14	0.01	24	0.22	982	0.029	0.132	2.3		0.52	0.110							
Average	0.00946	27.8708	138.792	1.58333	0.00513	8.45417	0.05979	57.813	0.014	0.04908	0.745		0.20904	0.0194						8,556	3
Standard Deviation	0.0156	28.123	57.3524	2.74522	0.00065	5.52299	0.05346	199.25	0.0071	0.03307	0.492		0.12122	0.02201							
99th Percentile	0.0563	112.24	310.849	9.81899	0.00709	25.0231	0.22016	655.56	0.03529	0.14829	2.219		0.57271	0.08542							

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3. '-' denotes parameter not analyzed for.
4. See Sewer Use permit for parameter list.
5. Current Sewer Use Permit Limits are based on a maximum 5,000 gallon per day discharge limit. Prior to April 1, 2001 the maximum per day discharge limit was 1,000 gallons per day. Thus the permit limitations for the parameters in this table, prior to April 2001, were five times the current limits.

6. 'ND' denotes no detections of the organic parameters listed in the Sewer Use Permit.
7. Bis(2-ethylhexyl)phthalate was the sole parameter identified.
8. Values denote exceedence of current permit limitation.
9. As ammonia (TKN measures ammonia nitrogen as well as organic nitrogen; however, at this site organic nitrogen is not expected; therefore, TKN results should be comparable to ammonia nitrogen).
10. Non-detections for indicator parameters (except mercury) are represented by one half of the detection limit to allow statistical analysis.
11. See Table 3 for SVOCs and VOCs detection values.
12. Yellow highlighted values exceed the new ordinance limits.

TABLE 3
MLC
Coldwater Road Landfill
Sewer Use Permit Application
Summary of VOC or SVOC Detections

Parameter/ Sample Date	Chloromethane	bis(2-Ethylhexyl) phthalate	Phenol	Toluene
19-Sep-2005	0.002	ND	ND	ND
4-Jun-2007	0.0003	ND	ND	0.0001
10-Sep-2007	0.002	ND	ND	ND
19-Feb-2008	ND	0.01	ND	ND
17-Nov-2008	0.001	ND	ND	ND
17-Nov-2009	ND	ND	0.01	ND
15-Dec-2009	0.001	ND	ND	ND

Notes:

1. Units are mg/L (ppm)
2. 'ND' denotes no detections of the organic parameters listed in the Sewer Use Permit.

ATTACHMENT

**City of Flint
Industrial Pretreatment Program**

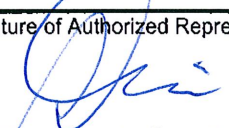
Sanitary Sewer Use Permit Application

1. Provide the following general information about the identity and location of the applicant:

Name of Proprietor or Corporation Motors Liquidation Company (MLC)		
Street Address of Proprietor or Corporation 500 Renaissance Center, Suite 1400		
City Code Detroit,	State Michigan	Zip 48243
Name of Establishment Coldwater Road Landfill Facility		
Street Address of Establishment 6220 Horton		
City Code Flint,	State Michigan	Zip 48505
Phone Number of Establishment 810-564-1139 (facility is rarely manned) Call: 248-477-5701 Ext. 16		

2. Sign and certify the veracity of the application:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Signature of Authorized Representative 	Date Signed 8/25/10
As agent for Motors Liquidation Company	
Name of Authorized Representative Scott L. Cormier	Title of Authorized Representative Vice President

3. Indicate the type of business entity of the applicant:

corporation partnership sole proprietorship other

If other, describe the type of business entity:

4. Identify the person(s) responsible for discharges from the applicant's facility to the sanitary sewer system (give name and title):

David M. Favero - Project Manager - MLC

Clifford S. Yantz - OMM Manager - O'Brien & Gere Engineers, Inc.

5. List the Standard Industrial Classification Code(s) which best describe all manufacturing or service industries engaged in at the applicant's facility:

None

6. Are any Primary Industries below, described in 40 CFR 413-471, engaged in at the applicant's facility?

yes no

NOTE: MLC does not believe that the following are primary industries.

If yes, indicate which ones: However, the Coldwater Road Facility is a RCRA landfill that received stabilized electroplating wastes, so it is most similar

Electroplating (40 CFR 413)

Organic Chemicals Plastics, and Synthetic Fibers (40 CFR 414)

Inorganic Chemicals (40 CFR 415)

Fertilizer Manufacturing (40 CFR 418)

Petroleum Refining (40 CFR 419)

Iron and Steel Manufacturing (40 CFR 420)

Nonferrous Metals (40 CFR 421)

Steam Electric Power Generating (40 CFR 423)

Leather Tanning and Finishing (40 CFR 425)

Glass Manufacturing (40 CFR 426)

Rubber Processing (40 CFR 428)

Timber Products (40 CFR 429)

Pulp, Paper and Paper Board (40 CFR 430)

Metal Finishing (40 CFR 433)

Centralized Waste Treatment (40 CFR 437)

Pharmaceutical Manufacturing (40 CFR 439) to 40 CFR 413 &

Transportation Equipment Cleaning (40 CFR 442) 40 CFR 445.

Waste Combustors (40 CFR 444)

Landfills (40 CFR 445)

Pesticide Chemicals Manufacturing (40 CFR 455)

Battery Manufacturing Point Source Category (40 CFR 461)

Metal Molding and Casting (40 CFR 464)

Coil Coating (40 CFR 465)

Porcelain Enameling (940 CFR 466)

Aluminum Forming (40 CFR 467)

Copper Forming (40 CFR 468)

Electrical and Electronic components (40 CFR 469)

Nonferrous Metals Forming and Metal Powders 40 CFR 471)

7. State the type and amount of product(s) made and the rate(s) of production at the applicant's facility:

None

8. State the type(s) of production process(es) used at the applicant's facility:

None

9. Indicate the types of industrial chemicals and chemical products normally present (used, produced, processed or housed) at any time at the applicant's facility and the amount of each type (as either some or none) known, assumed, or expected to normally enter at any time any drain at the applicant's facility that ultimately empties into any sanitary sewer:

Chemicals Present	Amount to Drains
<input type="checkbox"/> acids	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> bases	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> salts	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> soaps	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> detergents	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> solvents	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> paints	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> inks	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> adhesives	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> coolants	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> lubricants	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> hydraulic fluids	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> biocides	<input type="checkbox"/> some <input type="checkbox"/> none
<input checked="" type="checkbox"/> other(s)	<input checked="" type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> none	

If other, describe the type of chemical(s) and/or chemical product(s):
 Accumulated liquids from the landfill sumps and vaults.

Exclude those used at the applicant's facility solely for office work, sanitation, and building and grounds maintenance.

10. Indicate the following types of Potentially Harmful Substances normally present (used, produced, processed or housed) at any time at the applicant's facility and the amount of each type (as either some or none) known, assumed, or expected to normally enter at any time any drain at the applicant's facility that ultimately empties into any sanitary sewer.

Type of Potentially Harmful Substances Present	Amount to Drains
<input type="checkbox"/> Corrosive substances which have a pH of less than or equal to 2.0 Standard Units or greater than or equal to 12.0 Standard Units.	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> Ignitable substances which have a closed-cup flash point of less than 140° F (60 °C).	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> Reactive substances which are normally unstable and readily undergo violent change without detonating; react violently with water; form potentially explosive mixtures with water; when mixed with water, generate toxic gases, vapors, or fumes in a quantity sufficient to endanger humans; or are capable of detonation or explosive reaction.	<input type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> Biocides which eradicate organisms (i.e., disinfectant, insecticide, rodenticide, herbicide, etc.).	<input type="checkbox"/> some <input type="checkbox"/> none
<input checked="" type="checkbox"/> Carcinogens which cause an increased incidence of benign or malignant neoplasms in animals or humans or that substantially decreases the time in which neoplasms develop in animals or humans.	<input checked="" type="checkbox"/> some <input type="checkbox"/> none
<input type="checkbox"/> None of the above.	

Exclude those used at the applicant's facility solely for office work, sanitation, and building and grounds maintenance.

11. Are any Potentially Harmful Substances **listed in Worksheet A** of this application, **including any in mixtures**, normally present (used, produced, processed, or housed) at any time at the applicant's facility? yes no

If yes, use worksheet A to identify them and report the maximum amount (either "small" or "large") of each one present at any time and the amount (either "some" or "none") of each one known, assumed, or expected to normally enter at any time any drain that ultimately empties into any sanitary sewer.

Exclude those used at the applicant's facility solely for office work, sanitation, and building and grounds maintenance.

12. List any other substances, not disclosed elsewhere in this application, that are discharged, normally or occasionally, to any drain at the applicant's facility that ultimately empties into any sanitary sewer:

None

13. **In Worksheet B**, state the average and maximum concentrations of any regulated pollutants, determined by bona fide sampling and analyses using approved procedures (in 40 CFR 136), in the industrial process wastewater discharged from the applicant's facility to the sanitary sewer system.

Only provide data for wastewater generated by industrial processes. Do not provide data for wastewater originating solely from non-industrial sources, such as sanitation, heating, cooling or building and grounds maintenance.

14. Do discharges from the applicant's facility to the sanitary sewer system consistently comply (at least 67% of the time) with the pollutant discharge limits listed in Worksheet B and/or stipulated in a currently applicable sanitary sewer use permit for the applicant's facility? yes no

If no, are additional operation and/or maintenance activities and/or pretreatment required for establishing and maintaining consistent compliance with the pollutant discharge limits? yes no

15. Indicate how water is supplied to the applicant's facility: municipal system well other

If other, describe the source(s) of supply:

16. State the daily average and instantaneous peak flow volumes of each of the following types of wastewater discharged from the applicant's facility to drains that ultimately empty into sanitary sewers:

Type of Wastewater	Daily Average Flow (gal/day)	Instantaneous Peak Flow (gal/day)
Process wastewater directly contacting, or resulting from the production or use of, any raw material, intermediate product, finished product, byproduct, or waste product.	None	-----
Sanitary wastewater from toilets, washrooms, drinking fountains, kitchens, and other sanitary facilities which may produce human and/or food wastes.	None	-----
Non-contact cooling water used to reduce temperature which <i>does not</i> come into contact with a raw material, intermediate product, waste product other than heat, or finished product.	None	-----
Blowdown or condensate from heating or cooling systems.	None	-----
Other wastewater from miscellaneous sources.	94 **	5000 *

All flows must be measured unless other verifiable techniques for obtaining the data are allowed by the City.

* Periodic discharge of accumulated liquids about every 2 to 3 months over 1 to 5 days

** Based on last 5 years of discharge data.

17. Describe the timing and duration of all discharges from the applicant's facility to the sanitary sewer system:

Periodic discharge of accumulated liquids (water) about every 2 to 3 months over a 1 to 5 day period.

18. Is any water, wastewater, or waste originating from any off-site location discharged from the applicant's facility into any drains that ultimately empty into sanitary sewers? yes no

If yes, list the materials discharged and describe their origin:

19. Is any ground water discharged from the applicant's facility into any drains that ultimately empty into sanitary sewers? yes no

If yes, describe the source(s) of the ground water:

Landfill leak detection vault water may contain some groundwater.

20. Is any precipitation runoff discharged from the applicant's facility into any drains that ultimately empty into sanitary sewers? yes no

If yes, describe the source(s) of the precipitation runoff:

21. Is any waste or wastewater, other than precipitation runoff, discharged from the applicant's facility into any drains that ultimately empty into any public storm sewer? yes no

If yes, describe the source(s) of this waste or wastewater:

22. Has an Emergency and Hazardous Chemical Inventory been prepared for the applicant's facility, pursuant to 40 CFR 370? yes no

If yes, submit a copy of the most recent one with this application.

If available, submit the most recent Tier II Emergency and Hazardous Chemical Inventory or, if not available, submit the most recent Tier I Emergency and Hazardous Chemical Inventory.

23. Is the applicant's facility a Hazardous Waste generator, registered with the State of Michigan? yes no

If yes, state the applicant's Michigan Hazardous Waste generator identification number:

MID 005 356 860

24. Is the applicant's facility a Hazardous Waste Treatment, Storage, and Disposal Facility licensed by the State of Michigan? yes no

If yes, state the applicant's Michigan Hazardous Waste Treatment, Storage, and Disposal Facility License number:

25. Are any chemicals, chemical products, wastes, or other materials housed inside secondary containment at the applicant's facility? yes no Accumulated liquids from the landfill sumps and vaults are stored in the accumulation tank (w/containment) prior to discharge.
26. Has a Pollution Incident Prevention Plan been produced for the applicant's facility? yes no

If yes, include a copy of the plan with this application.

27. Has a Spill Prevention Control and Counter Measures Plan been produced for the applicant's facility? yes no

If yes, include a copy of the plan with this application.

28. Is any equipment containing polychlorinated biphenyls (PCB's), such as capacitors or transformers, housed at the applicant's facility? yes no

29. Is any equipment containing mercury, such as switches, mercury vapor lamps, manometers, or thermometers, housed at the applicant's facility? yes no

30. Does the applicant hold any other environmental permits (other than a sanitary sewer use permit) applicable to its facility for any permitted process, equipment, or activity involving and/or generating any liquid waste or wastewater? yes no

If yes, briefly describe them, list the permit numbers for each one, and submit a copy of each one with this application:

31. Are any discharges into sanitary sewers from the applicant's facility treated to remove or alter pollutants? yes no

If yes, with this application, complete and submit Worksheet C and also submit a concise narrative description and simple schematic diagram of each treatment system used. In addition, identify all persons (name and title) who are immediately responsible for managing daily treatment operations:

32. Are wastestreams at the applicant's facility regulated by any Federal Categorical Pretreatment Standard, under 40 CFR 405-471, combined with other unregulated dilution wastestreams prior to wastewater treatment? yes no

If yes, with this application, submit a report that includes:

- a. A complete wastewater balance, providing average daily flow volumes for regulated and unregulated process wastestreams, such as boiler blowdown, non-contact cooling water, and sanitary wastewater.
- b. An explanation as to how the wastewater balance information was obtained and why it is reliable.
- c. Fixed alternative discharge limits calculated from the applicable Categorical Standards with the Combined Wastestream Formula, based on the wastewater balance data, in accordance with 40 CFR Part 403.6(e).

The report must be signed and certified as accurate by a Professional Engineer registered by the State of Michigan.

33. With this application, submit a map or set of maps that accurately portrays the current layout of the applicant's facility, including all wastewater collection and drainage systems, all systems for conveying sanitary wastewater, industrial wastewater, cooling water, blowdown, condensate, and precipitation runoff.

The map(s) must display all buildings; manufacturing areas; chemical storage and transfer areas, including any secondary containment structures; wastewater drainage and treatment systems, including all pipes, trenches, ditches, floor drains, storm drain inlets, manholes, vaults, collection sumps, pumping stations, and treatment systems; and all other significant structures, appurtenances, and landmarks.

34. Identify persons to contact during both daytime business hours and non-business hours:

Primary contact for correspondence and assistance during daytime business hours:

Name and Title David M. Favero - Project Manager - MLC		
Address 1210 South 5th Street, Suite 2 Springfield, IL 62703		
Phone Number 217-522-6714	Fax Number 217-522-6727	E-mail Address dfavero@ameritech.net

Secondary contact for correspondence and assistance during daytime business hours:

Name and Title Clifford S. Yantz - OMM Manager - O'Brien & Gere		
Address 37000 Grand River Ave., Suite 260 Farmington Hills, MI 48335		
Phone Number 248-477-5701 #16	Fax Number 248-477-5962	E-mail Address clifford.yantz@obg.com

Contact for assistance during non-business hours:

Name and Title Clifford S. Yantz - OMM Manager - O'Brien & Gere		
Address 37000 Grand River Ave., Suite 260 Farmington Hills, MI 48335		
Phone Number 313-333-0211	Fax Number 248-477-5962	E-mail Address clifford.yantz@obg.com

35. If applicable, identify the "Duly Authorized Representative" for the applicant's facility:

Name and Title Scott L. Cormier, P.E. - Vice President - O'Brien & Gere		
Address 37000 Grand River Ave., Suite 260 Farmington Hills, MI 48335		
Phone Number 248-477-5701 #13	Fax Number 248-477-5962	E-mail Address scott.cormier@obg.com

The applicant may designate a "Duly Authorized Representative" to sign and certify documents, provided that the designee is an individual responsible for either overall operation or environmental matters of the applicant's facility and that the designee is identified in this application.

36. Describe any security procedures to be followed by City inspectors for obtaining access to the applicant's facility, including all sampling and discharge points, during both business and non-business hours:

The Facility does not normally have personnel on site. Arrangements should be made with either primary or secondary contact listed under item number 34.

37. Describe any safety procedures to be followed by City inspectors while at the applicant's facility:

PPE includes safety shoes, safety glasses, hard hat and gloves.

There are several areas considered non-permit required confined spaces and entry is restricted.

**City of Flint Sanitary Sewer Use Permit Application
Potentially Harmful Substances on Premises**

Worksheet A

Instructions: Check the appropriate spaces below to identify the following Potentially Harmful Substances present at the user's establishment, including any in mixtures, and to report the maximum amount (either "small" or "large") of each one present at any time and the amount (either "some" or "none") of each one known, assumed or expected to normally enter at any time any drain that ultimately empties into any sanitary sewer. A "small" amount is less than 55 gallons for any liquid substance or less than 100 pounds for any solid substance. Also enter the name of the user in the space after "SNDU" (Significant Non-domestic User) at the bottom of each page.

Potentially Harmful Substance Present			Regulatory Classification				Amount Present		Amount to Drains	
PHS #	Name	CAS RN	USEPA		MDEQ	MIOSHA	small	large	some	none
			Haz Sub	Prior Pol	Crit Mat	Air Cont				
___	1 Abate	3383-96-8				Yes	___	___	___	___
___	2 Acenaphthene	83-32-9		Yes			___	___	___	___
___	3 Acenaphthylene	208-96-8		Yes			___	___	___	___
___	4 Acetaldehyde	75-07-0	Yes			Yes	___	___	___	___
___	5 Acetic Acid	64-19-7	Yes			Yes	___	___	___	___
___	6 Acetic Anhydride	108-24-7	Yes				___	___	___	___
___	7 Acetone Cyanohydrin	75-86-5	Yes				___	___	___	___
___	8 2-Acetylaminofluorene	53-96-3				Yes	___	___	___	___
___	9 Acetyl Bromide	506-96-7	Yes				___	___	___	___
___	10 Acetyl Chloride	75-36-5	Yes				___	___	___	___
___	11 Acetylene Tetrabromide	79-27-6				Yes	___	___	___	___
___	12 Acrolein	107-02-8	Yes	Yes		Yes	___	___	___	___
___	13 Acryamide	79-06-1				Yes	___	___	___	___
___	14 Acrylonitrile	107-13-1	Yes	Yes		Yes	___	___	___	___
___	15 Adipic Acid	124-04-9	Yes				___	___	___	___
___	16 Aldrin	309-00-2	Yes	Yes	Yes	Yes	___	___	___	___
___	17 Allyl Alcohol	107-18-6	Yes			Yes	___	___	___	___
___	18 Allyl Chloride	107-05-1	Yes			Yes	___	___	___	___
___	19 Allyl Glycidyl Ether (AGE)	106-92-3				Yes	___	___	___	___
___	20 Allyl Propyl Disulfide	2179-59-1				Yes	___	___	___	___
___	21 Alpha-BHC	319-84-6		Yes			___	___	___	___
___	22 Aluminum Sulfate	10043-01-3	Yes				___	___	___	___
___	23 4-Aminobiphenyl	92-67-1				Yes	___	___	___	___
___	24 Amitrole	61-82-5				Yes	___	___	___	___
___	25 Ammonia	7664-41-7	Yes			Yes	___	___	___	___
___	26 Ammonium Acetate	631-61-8	Yes				___	___	___	___
___	27 Ammonium Benzoate	1863-63-4	Yes				___	___	___	___
___	28 Ammonium Bicarbonate	1066-33-7	Yes				___	___	___	___
___	29 Ammonium Bichromate	7789-09-5	Yes				___	___	___	___
___	30 Ammonium Bifluoride	1341-49-7	Yes				___	___	___	___
___	31 Ammonium Bisulfite	10192-30-0	Yes				___	___	___	___
___	32 Ammonium Carbamate	1111-78-0	Yes				___	___	___	___
___	33 Ammonium Carbonate	506-87-6	Yes				___	___	___	___
___	34 Ammonium Chloride	12125-02-9	Yes			Yes	___	___	___	___
___	35 Ammonium Chromate	7788-98-9	Yes				___	___	___	___
___	36 Ammonium Citrate, Dibasic	3012-65-5	Yes				___	___	___	___
___	37 Ammonium Fluoborate	13826-83-0	Yes				___	___	___	___
___	38 Ammonium Fluoride	12125-01-8	Yes				___	___	___	___
___	39 Ammonium Hydroxide	1336-21-6	Yes				___	___	___	___
___	40 Ammonium Oxalate	6009-70-7	Yes				___	___	___	___
___	41 Ammonium Silicofluoride	16919-19-0	Yes				___	___	___	___
___	42 Ammonium Sulfamate	7773-06-0	Yes			Yes	___	___	___	___
___	43 Ammonium Sulfide	12135-76-1	Yes				___	___	___	___
___	44 Ammonium Sulfite	10196-04-0	Yes				___	___	___	___
___	45 Ammonium Tartrate	3164-29-2	Yes				___	___	___	___
___	46 Ammonium Thiocyanate	1762-95-4	Yes				___	___	___	___
___	47 Amyl Acetate	628-63-7	Yes			Yes	___	___	___	___
___	48 sec-Amyl Acetate	626-38-0				Yes	___	___	___	___
___	49 Aniline	62-53-3	Yes			Yes	___	___	___	___
___	50 Anisidine (o and p Isomers)	29191-52-4				Yes	___	___	___	___
___	51 Anthracene	120-9-7		Yes			___	___	___	___
___	52 Antimony (and all compounds)	7440-36-0		Yes			___	___	___	___
___	53 Antimony Pentachloride	7647-18-9	Yes	Yes			___	___	___	___
___	54 Antimony Pentafluoride	7783-70-2	Yes	Yes			___	___	___	___
___	55 Antimony Potassium Tartrate	28300-74-5	Yes	Yes			___	___	___	___
___	56 Antimony Tribromide	7789-61-9	Yes	Yes			___	___	___	___
___	57 Antimony Trichloride	10025-91-9	Yes	Yes			___	___	___	___
___	58 Antimony Trifluoride	7783-56-4	Yes	Yes			___	___	___	___
___	59 Antimony Trioxide	1309-64-4	Yes	Yes			___	___	___	___
X	60 Arsenic (and all compounds)	7440-38-2	Yes		Yes	Yes	X	___	X	___
___	61 Arsenic Acid	7778-39-4		Yes	Yes	Yes	___	___	___	___
___	62 Arsenic Disulfide	1303-32-8	Yes	Yes	Yes	Yes	___	___	___	___
___	63 Arsenic Pentoxide	1303-28-2	Yes	Yes	Yes	Yes	___	___	___	___
___	64 Arsenic Trioxide	1327-53-3	Yes	Yes	Yes	Yes	___	___	___	___
___	65 Arsenic Trisulfide	1303-33-9	Yes	Yes	Yes	Yes	___	___	___	___
___	66 Arsenous Trichloride	7784-34-1	Yes	Yes	Yes	Yes	___	___	___	___
___	67 Arsine	7784-42-1		Yes	Yes	Yes	___	___	___	___
___	68 Asbestos (friable)	1332-21-4		Yes		Yes	___	___	___	___
___	69 Atrazine	1912-24-9				Yes	___	___	___	___
___	70 Azinphos-Ethyl	2642-71-9				Yes	___	___	___	___
___	71 Azinphos-Methyl	86-50-0		Yes			___	___	___	___
___	72 Barium Cyanide	542-62-1	Yes				___	___	___	___
___	73 Benomyl	17804-35-2				Yes	___	___	___	___
___	74 Benz[A]Anthracene	56-55-3		Yes	Yes		___	___	___	___
___	75 Benzene	71-43-2	Yes	Yes	Yes	Yes	___	___	___	___
___	76 Benzidine	92-87-5		Yes	Yes	Yes	___	___	___	___
___	77 3,4-Benzofluoranthene	205-99-2		Yes			___	___	___	___
___	78 Benzo(GH)Perylene (1,12-Benzoperylene)	191-24-2		Yes			___	___	___	___
___	79 Benzo(K)Fluoranthene (11,12-Benzofluoranthene)	207-08-9		Yes			___	___	___	___
___	80 Benzoic Acid	65-85-0	Yes				___	___	___	___
___	81 Benzointrile	100-47-0	Yes				___	___	___	___
___	82 Benzoyl Chloride	98-88-4	Yes				___	___	___	___
___	83 Benzoyl Peroxide	94-36-0				Yes	___	___	___	___
___	84 Benzo(A)Pyrene	50-32-8		Yes	Yes	Yes	___	___	___	___
___	85 p-Benzoquinone	106-51-4				Yes	___	___	___	___
___	86 Benzyl Chloride	100-44-7	Yes			Yes	___	___	___	___

**City of Flint Sanitary Sewer Use Permit Application
Potentially Harmful Substances on Premises**

Worksheet A

Instructions: Check the appropriate spaces below to identify the following Potentially Harmful Substances present at the user's establishment, including any in mixtures, and to report the maximum amount (either "small" or "large") of each one present at any time and the amount (either "some" or "none") of each one known, assumed or expected to normally enter at any time any drain that ultimately empties into any sanitary sewer. A "small" amount is less than 55 gallons for any liquid substance or less than 100 pounds for any solid substance. Also enter the name of the user in the space after "SNDU" (Significant Non-domestic User) at the bottom of each page.

___	87 Beryllium (and all compounds)	7440-41-7	Yes	Yes	Yes	Yes	small	large	some	none		
___	88 Beryllium Chloride	7787-47-5	Yes	Yes	Yes	Yes	small	large	some	none		
___	89 Beryllium Fluoride	7787-49-7	Yes	Yes	Yes	Yes	small	large	some	none		
___	90 Beryllium Nitrate	13597-99-4	Yes	Yes	Yes	Yes	small	large	some	none		
___	91 Beta-Bhc	319-85-7	Yes				small	large	some	none		
___	92 Biphenyl	92-52-4			Yes		small	large	some	none		
___	93 Bis(2-Chloro-1-Methylethyl)Ether	108-60-1	Yes				small	large	some	none		
___	94 Bis(2-Chloroethoxy)Methane	111-91-1	Yes				small	large	some	none		
___	95 Bis(2-Chloroethyl)Ether	111-44-4	Yes		Yes		small	large	some	none		
X	96 Bis(2-Ethylhexyl)Phthalate	117-81-7	Yes		Yes	X	small	large	X	some	none	
___	97 Boron Trifluoride	7637-07-2	Yes		Yes		small	large	some	none		
___	98 Bromacil	314-40-9			Yes		small	large	some	none		
___	99 Bromine	7726-95-6			Yes		small	large	some	none		
___	100 Bromine Pentafluoride	7789-30-2			Yes		small	large	some	none		
___	101 4-Bromophenyl Phenyl Ether	101-55-3		Yes	Yes		small	large	some	none		
___	102 1,3-Butadiene	106-99-0	Yes		Yes		small	large	some	none		
___	103 Butane	106-97-8			Yes		small	large	some	none		
___	104 2,6-Di-tert-Butyl-p-Cresol	128-37-0			Yes		small	large	some	none		
___	105 Butyl Acetate	123-86-4	Yes		Yes		small	large	some	none		
___	106 Butyl Acrylate	141-32-2			Yes		small	large	some	none		
___	107 Butyl Benzyl Phthalate	85-68-7		Yes			small	large	some	none		
___	108 Butyl Mercaptan	109-79-5			Yes		small	large	some	none		
___	109 Butylamine	109-73-9	Yes		Yes		small	large	some	none		
___	110 Di-n-Butyl Phthalate	84-74-2		Yes		Yes	small	large	some	none		
___	111 n-Butyl Glycidyl Ether (BGE)	2426-08-6		Yes		Yes	small	large	some	none		
___	112	138-22-7			Yes		small	large	some	none		
___	113 o-sec-Butylphenol	89-72-6	Yes		Yes		small	large	some	none		
___	114 p-tert-Butyltoluene	98-51-1			Yes		small	large	some	none		
___	115 sec-Butyl Acetate	105-46-4			Yes		small	large	some	none		
___	116 sec-Butyl Alcohol	78-92-2			Yes		small	large	some	none		
___	117 tert-Butyl Acetate	540-88-5			Yes		small	large	some	none		
___	118 tert-Butyl Chromate	1189-85-1			Yes		small	large	some	none		
___	119 Butyric Acid	107-92-6	Yes				small	large	some	none		
___	120 Cadmium (and all compounds)	7440-43-9		Yes	Yes	Yes	small	large	some	none		
___	121 Cadmium Acetate	543-90-8	Yes	Yes	Yes		small	large	some	none		
___	122 Cadmium Bromide	7789-42-6	Yes	Yes	Yes		small	large	some	none		
___	123 Cadmium Chloride	10108-64-2	Yes	Yes	Yes	Yes	small	large	some	none		
___	124 Cadmium Oxide	1306-19-0		Yes	Yes		small	large	some	none		
___	125 Cadmium Stearate	2223-93-0		Yes	Yes		small	large	some	none		
___	126 Calcium Arsenate	7778-44-1	Yes				small	large	some	none		
___	127 Calcium Arsenite	52740-16-6	Yes				small	large	some	none		
___	128 Calcium Carbide	75-20-7	Yes				small	large	some	none		
___	129 Calcium Chromate	13765-19-0	Yes				small	large	some	none		
___	130 Calcium Cyanamide	156-62-7			Yes		small	large	some	none		
___	131 Calcium Cyanide	592-01-8	Yes	Yes			small	large	some	none		
___	132 Calcium Dodecylbenzenesulfonate	26264-06-2	Yes				small	large	some	none		
___	133 Calcium Hypochlorite	7778-54-3	Yes				small	large	some	none		
___	134 Camphor, Synthetic	76-22-2			Yes		small	large	some	none		
___	135 Caprolactam	105-60-2			Yes		small	large	some	none		
___	136 Captafol	2425-06-1			Yes		small	large	some	none		
___	137 Captan	133-06-2	Yes		Yes		small	large	some	none		
___	138 Carbaryl	63-25-2	Yes		Yes		small	large	some	none		
___	139 Carbofuran	1563-66-2	Yes		Yes		small	large	some	none		
___	140 Carbon Disulfide	75-15-0	Yes		Yes		small	large	some	none		
___	141 Carbon Tetrabromide	558-13-4			Yes		small	large	some	none		
___	142 Carbon Tetrachloride	56-23-5	Yes	Yes			small	large	some	none		
___	143 Catechol	120-80-9			Yes		small	large	some	none		
___	144 1-Chloro-1-Nitropropane	600-25-9			Yes		small	large	some	none		
___	145 2-Chloroacetophenone	532-27-4			Yes		small	large	some	none		
___	146 2-Chloroethyl Vinyl Ether (mixed)	110-75-8		Yes			small	large	some	none		
___	147 2-Chloronaphthalene	91-58-7		Yes			small	large	some	none		
___	148 2-Chlorophenol	95-57-8		Yes			small	large	some	none		
___	149 4-Chlorophenyl Phenyl Ether	7005-72-3		Yes			small	large	some	none		
___	150 Chloroethane	57-74-9	Yes	Yes	Yes	Yes	small	large	some	none		
___	151 Chlorinated Diphenyl Oxide	55720-99-5			Yes		small	large	some	none		
___	152 Chlorine	7782-50-5	Yes		Yes		small	large	some	none		
___	153 Chlorine Dioxide	10049-04-4			Yes		small	large	some	none		
___	154 Chlorine Trifluoride	7790-91-2			Yes		small	large	some	none		
___	155 Chloroacetyl Chloride	79-04-9			Yes		small	large	some	none		
___	156 Chlorobenzene	108-90-7	Yes	Yes	Yes	Yes	small	large	some	none		
___	157 Chlorobromomethane	74-97-5			Yes		small	large	some	none		
___	158 Chlorodibromomethane	124-48-1		Yes			small	large	some	none		
___	159 Chlorodifluoromethane	75-45-6			Yes		small	large	some	none		
___	160 Chloroethane	75-00-3		Yes	Yes	Yes	small	large	some	none		
___	161 Chloroform	67-66-3	Yes	Yes	Yes	Yes	small	large	some	none		
___	162 Chloromethyl Methyl Ether	107-30-2			Yes		small	large	some	none		
___	163 Chloropicrin	76-06-2			Yes		small	large	some	none		
___	164 Chloroprene	126-99-8			Yes		small	large	some	none		
___	165 Chlorosulfonic Acid	7790-94-5	Yes				small	large	some	none		
___	166 Chlorpyrifos	2921-88-2	Yes			Yes	small	large	some	none		
___	167 o-Chlorobenzylidene Malononitrile	2698-41-1			Yes		small	large	some	none		
___	168 o-Chlorostyrene	2039-87-4			Yes		small	large	some	none		
___	169 o-Chlorotoluene	95-49-8			Yes		small	large	some	none		
___	170 p-Chloro-m-Cresol	59-50-7		Yes			small	large	some	none		
___	171 Chromic Acetate	1066-30-4	Yes	Yes	Yes		small	large	some	none		
___	172 Chromic Acid	11115-74-5	Yes	Yes	Yes		small	large	some	none		
___	173 Chromic Chloride	10025-73-7		Yes	Yes	Yes	small	large	some	none		
___	174 Chromic Sulfate	10101-53-8	Yes	Yes	Yes		small	large	some	none		
X	175 Chromium (and all compounds)	7440-47-3	Yes	Yes			X	small	large	X	some	none

**City of Flint Sanitary Sewer Use Permit Application
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Worksheet A

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___	176 Chromium (VI)	1333-82-0		Yes	Yes		___	small	___	large	___	some	___	none
___	177 Chromous Chloride	10049-05-5	Yes	Yes	Yes		___	small	___	large	___	some	___	none
___	178 Chrysene	218-01-9		Yes			___	small	___	large	___	some	___	none
___	179 Coal Tar Pitch Volatiles	65996-93-2				Yes	___	small	___	large	___	some	___	none
___	180 Cobalt Carbonyl	10210-68-1				Yes	___	small	___	large	___	some	___	none
___	181 Cobalt Hydrocarbonyl (as Co)	16842-03-8				Yes	___	small	___	large	___	some	___	none
___	182 Cobaltous Bromide	7789-43-7	Yes				___	small	___	large	___	some	___	none
___	183 Cobaltous Formate	544-18-3	Yes				___	small	___	large	___	some	___	none
___	184 Cobaltous Sulfamate	14017-41-5	Yes				___	small	___	large	___	some	___	none
X	185 Copper (and all compounds)	7440-50-8		Yes	Yes		X	small	___	large	X	some	___	none
___	186 Copper Cyanide	544-92-3		Yes	Yes	Yes	___	small	___	large	___	some	___	none
___	187 Coumaphos	56-72-4	Yes				___	small	___	large	___	some	___	none
___	188 Cresol	1319-77-3	Yes			Yes	___	small	___	large	___	some	___	none
___	189 Crotonaldehyde	4170-30-3	Yes			Yes	___	small	___	large	___	some	___	none
___	190 Crotonaldehyde(E)	123-73-9				Yes	___	small	___	large	___	some	___	none
___	191 Crufomale	299-86-5				Yes	___	small	___	large	___	some	___	none
___	192 Cumene	98-82-8				Yes	___	small	___	large	___	some	___	none
___	193 Cupric Acetate	142-71-2	Yes	Yes			___	small	___	large	___	some	___	none
___	194 Cupric Acetoarsenite	12002-03-8	Yes	Yes	Yes		___	small	___	large	___	some	___	none
___	195 Cupric Chloride	7447-39-4	Yes	Yes	Yes		___	small	___	large	___	some	___	none
___	196 Cupric Nitrate	3251-23-8	Yes	Yes	Yes		___	small	___	large	___	some	___	none
___	197 Cupric Oxalate	5893-66-3	Yes	Yes	Yes		___	small	___	large	___	some	___	none
___	198 Cupric Sulfate	7758-98-7	Yes	Yes	Yes		___	small	___	large	___	some	___	none
___	199 Cupric Sulfate, Ammoniated	10380-29-7	Yes	Yes	Yes		___	small	___	large	___	some	___	none
___	200 Cupric Tartrate	815-82-7	Yes	Yes	Yes		___	small	___	large	___	some	___	none
X	201 Cyanide Compounds			Yes		Yes	X	small	___	large	X	some	___	none
___	202 Cyanogen	460-19-5				Yes	___	small	___	large	___	some	___	none
___	203 Cyanogen Chloride	506-77-4				Yes	___	small	___	large	___	some	___	none
___	204 Cyclohexane	110-82-7	Yes			Yes	___	small	___	large	___	some	___	none
___	205 Cyclohexanol	108-93-0				Yes	___	small	___	large	___	some	___	none
___	206 Cyclohexanone	108-94-1				Yes	___	small	___	large	___	some	___	none
___	207 Cyclohexene	110-83-8				Yes	___	small	___	large	___	some	___	none
___	208 Cyclohexylamine	108-91-8				Yes	___	small	___	large	___	some	___	none
___	209 Cyclonite	121-82-4				Yes	___	small	___	large	___	some	___	none
___	210 Cyclopentadiene	542-92-7				Yes	___	small	___	large	___	some	___	none
___	211 Cyclopentane	287-92-3				Yes	___	small	___	large	___	some	___	none
___	212 Cyhexatin	13121-70-5				Yes	___	small	___	large	___	some	___	none
___	213 2,4-Dichlorophenoxy Acetic Acid (2,4-D)	94-75-7	Yes			Yes	___	small	___	large	___	some	___	none
___	214 4,4'-DDE (P,P'-DDE)	72-55-9		Yes	Yes		___	small	___	large	___	some	___	none
___	215 DDT (P,P',O,P' And Technical Grade)	50-29-3	Yes	Yes	Yes	Yes	___	small	___	large	___	some	___	none
___	216 Decaborane(14)	17702-41-9				Yes	___	small	___	large	___	some	___	none
___	217 Delta-BHC	319-86-8		Yes			___	small	___	large	___	some	___	none
___	218 Demeton	8065-48-3				Yes	___	small	___	large	___	some	___	none
___	219 Diazinon	333-41-5	Yes			Yes	___	small	___	large	___	some	___	none
___	220 Diazomethane	334-88-3				Yes	___	small	___	large	___	some	___	none
___	221 Dibenz(A,H)Anthracene	53-70-3		Yes	Yes		___	small	___	large	___	some	___	none
___	222 Diborane	19287-45-7				Yes	___	small	___	large	___	some	___	none
___	223 1,2-Dibromoethane	106-93-4	Yes			Yes	___	small	___	large	___	some	___	none
___	224 2-n-Dibutylaminoethanol	102-81-8				Yes	___	small	___	large	___	some	___	none
___	225 Dibutyl Phosphate	107-66-4				Yes	___	small	___	large	___	some	___	none
___	226 Dicamba	1918-00-9	Yes				___	small	___	large	___	some	___	none
___	227 1,1-Dichloro-1-Nitroethane	594-72-9				Yes	___	small	___	large	___	some	___	none
___	228 1,1-Dichloroethane	75-34-3		Yes		Yes	___	small	___	large	___	some	___	none
___	229 1,1-Dichloroethylene	75-35-4	Yes	Yes	Yes	Yes	___	small	___	large	___	some	___	none
___	230 1,2-Dichlorobenzene	95-50-1		Yes		Yes	___	small	___	large	___	some	___	none
___	231 1,2-Dichloroethane	107-06-2	Yes	Yes	Yes		___	small	___	large	___	some	___	none
___	232 1,2-Dichloroethylene	156-60-5		Yes		Yes	___	small	___	large	___	some	___	none
___	233 1,2-Dichloropropane	78-87-5		Yes		Yes	___	small	___	large	___	some	___	none
___	234 1,3-Dichloro-5,5-Dimethyl Hydantoin	118-52-5				Yes	___	small	___	large	___	some	___	none
___	235 1,3-Dichlorobenzene	541-73-1		Yes	Yes		___	small	___	large	___	some	___	none
___	236 1,3-Dichloropropylene (1,3-Dichloropropene)	542-75-6		Yes		Yes	___	small	___	large	___	some	___	none
___	237 1,4-Dichlorobenzene	106-46-7		Yes	Yes	Yes	___	small	___	large	___	some	___	none
___	238 2,2-Dichloropropionic Acid	75-99-0	Yes			Yes	___	small	___	large	___	some	___	none
___	239 2,4-Dichlorophenol	120-83-2		Yes			___	small	___	large	___	some	___	none
___	240 2,4-Dichlorophenoxyacetic Acid (2,4-D) Esters	94-11-1	Yes				___	small	___	large	___	some	___	none
___	241 3,3-Dichlorobenzidine	91-94-1		Yes	Yes	Yes	___	small	___	large	___	some	___	none
___	242 Dichlobenil	1194-65-6					___	small	___	large	___	some	___	none
___	243 Dichlona	117-80-6	Yes				___	small	___	large	___	some	___	none
___	244 Dichloroacetylene	7572-29-4				Yes	___	small	___	large	___	some	___	none
___	245 Dichlorobenzene	25321-22-6	Yes				___	small	___	large	___	some	___	none
___	246 Dichlorobromomethane	76-27-4		Yes			___	small	___	large	___	some	___	none
___	247 Dichlorodifluoromethane (CFC-12)	75-71-8				Yes	___	small	___	large	___	some	___	none
___	248 Dichloromethyl Ether	542-88-1				Yes	___	small	___	large	___	some	___	none
___	249 Dichloromonofluoromethane	75-43-4				Yes	___	small	___	large	___	some	___	none
___	250 Dichloropropane	26638-19-7	Yes				___	small	___	large	___	some	___	none
___	251 Dichloropropene	26952-23-8	Yes				___	small	___	large	___	some	___	none
___	252 Dichloropropene - Dichloropropane (mixture)	8003-19-8	Yes				___	small	___	large	___	some	___	none
___	253 Dichlorotetrafluoroethane (CFC-114)	76-14-2				Yes	___	small	___	large	___	some	___	none
___	254 Dichlorovos	62-73-7	Yes			Yes	___	small	___	large	___	some	___	none
___	255 Dicofof	115-32-2	Yes				___	small	___	large	___	some	___	none
___	256 Dicrotophos	141-66-2				Yes	___	small	___	large	___	some	___	none
___	257 Dicyclopentadiene	77-73-6				Yes	___	small	___	large	___	some	___	none
___	258 Dieldrin	60-57-1	Yes	Yes	Yes	Yes	___	small	___	large	___	some	___	none
___	259 Diethanolamine	111-42-2				Yes	___	small	___	large	___	some	___	none
___	260 Diethyl Phthalate	84-66-2		Yes		Yes	___	small	___	large	___	some	___	none
___	261 Diethylamine	109-89-7	Yes			Yes	___	small	___	large	___	some	___	none
___	262 o,o-Diethyl o-Pyrazinyl Phosphorothioate	297-97-2		Yes			___	small	___	large	___	some	___	none
___	263 Difluorodibromomethane	75-61-6				Yes	___	small	___	large	___	some	___	none
___	264 Diglycidyl Ether	2238-07-5				Yes	___	small	___	large	___	some	___	none

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265	Diisobutyl Ketone	108-83-8				Yes	small	large	some	none
266	Diisopropylamine	108-18-9				Yes	small	large	some	none
267	2,4-Dimethylphenol	105-67-9	Yes				small	large	some	none
268	4-Dimethylaminoazobenzene	60-11-7				Yes	small	large	some	none
269	Dimethyl Phthalate	131-11-3	Yes			Yes	small	large	some	none
270	Dimethyl Sulfate	77-78-1				Yes	small	large	some	none
271	Dimethylamine	124-40-3	Yes			Yes	small	large	some	none
272	n,n-Dimethylaniline	121-69-7				Yes	small	large	some	none
273	2,4-Dinitrophenol	51-28-5	Yes	Yes			small	large	some	none
274	2,4-Dinitrotoluene	121-14-2		Yes			small	large	some	none
275	4,6-Dinitro-o-Cresol	534-52-1	Yes			Yes	small	large	some	none
276	Dinitolmide (3,5-Dinitro-o-Toluamide)	148-01-6				Yes	small	large	some	none
277	Dinitrobenzene (mixed isomers)	25154-54-5	Yes				small	large	some	none
278	Dinitrophenol	25550-58-7	Yes				small	large	some	none
279	Dinitrotoluene (mixed isomers)	25321-14-6	Yes	Yes		Yes	small	large	some	none
280	m-Dinitrobenzene	98-65-0				Yes	small	large	some	none
281	o-Dinitrobenzene	528-29-0				Yes	small	large	some	none
282	p-Dinitrobenzene	100-25-4				Yes	small	large	some	none
283	Dioxathion	78-34-2				Yes	small	large	some	none
284	1,2-Diphenylhydrazine	122-66-7		Yes			small	large	some	none
285	Diphenylamine	122-39-4				Yes	small	large	some	none
286	Dipropyl Ketone	123-19-3				Yes	small	large	some	none
287	Diquat	85-00-7	Yes			Yes	small	large	some	none
288	Disulfiram	97-77-8				Yes	small	large	some	none
289	Disulfoton	298-04-4	Yes			Yes	small	large	some	none
290	Diuron	330-54-1	Yes			Yes	small	large	some	none
291	Divinyl Benzene	1321-74-0				Yes	small	large	some	none
292	Dodecylbenzenesulfonic Acid	27176-87-0	Yes				small	large	some	none
293	Endosulfan	115-29-7	Yes	Yes		Yes	small	large	some	none
294	Endosulfan Sulfate	1031-07-8		Yes			small	large	some	none
295	Endrin	72-20-8	Yes	Yes	Yes	Yes	small	large	some	none
296	Endrin Aldehyde	7421-93-4		Yes			small	large	some	none
297	Epichlorohydrin	106-89-8	Yes			Yes	small	large	some	none
298	EPN	2104-64-5				Yes	small	large	some	none
299	Ethion	563-12-2	Yes			Yes	small	large	some	none
300	2-Ethoxyethyl Acetate (Cellulosolve Acetate)	111-15-9				Yes	small	large	some	none
301	Ethyl Acetate	141-78-6				Yes	small	large	some	none
302	Ethyl Acrylate	140-88-5				Yes	small	large	some	none
303	Ethyl Amyl Ketone (5-Methyl-3-Heptanone)	541-85-5				Yes	small	large	some	none
304	Ethyl Bromide	74-96-4				Yes	small	large	some	none
305	Ethyl Butyl Ketone (3-Heptanone)	106-35-4				Yes	small	large	some	none
306	Ethyl Ether	60-29-7				Yes	small	large	some	none
307	Ethyl Formate	109-94-4				Yes	small	large	some	none
308	Ethyl Mercaptan	75-08-1				Yes	small	large	some	none
309	Ethyl Silicate	78-10-4				Yes	small	large	some	none
310	Ethylbenzene	100-41-4	Yes	Yes		Yes	small	large	some	none
311	Ethylene Glycol Dinitrate	628-96-6				Yes	small	large	some	none
312	Ethylenediamine	107-15-3	Yes			Yes	small	large	some	none
313	Ethylenediamine-Tetraacetic Acid (EDTA)	60-00-4	Yes				small	large	some	none
314	Ethylidene Norbornene	16219-75-3				Yes	small	large	some	none
315	Fenamiphos	22224-92-6				Yes	small	large	some	none
316	Fensulfthion	115-90-2				Yes	small	large	some	none
317	Fenthion	55-38-9				Yes	small	large	some	none
318	Ferric Ammonium Citrate	1185-57-5	Yes				small	large	some	none
319	Ferric Ammonium Oxalate	2944-67-4	Yes				small	large	some	none
320	Ferric Ammonium Oxalate	55488-87-4	Yes				small	large	some	none
321	Ferric Chloride	7705-08-0	Yes				small	large	some	none
322	Ferric Fluoride	7783-50-8	Yes				small	large	some	none
323	Ferric Nitrate	10421-48-4	Yes				small	large	some	none
324	Ferric Sulfate	10028-22-5	Yes				small	large	some	none
325	Ferrous Ammonium Sulfate	10045-89-3	Yes				small	large	some	none
326	Ferrous Chloride	7758-94-3	Yes				small	large	some	none
327	Ferrous Sulfate	7720-78-7	Yes				small	large	some	none
328	Fluoranthene	206-44-0		Yes			small	large	some	none
329	Fluorene	86-73-7		Yes			small	large	some	none
330	Fluorine	7782-41-4				Yes	small	large	some	none
331	Fonofos	944-22-9				Yes	small	large	some	none
332	Formaldehyde	50-00-0	Yes				small	large	some	none
333	Fumaric Acid	110-17-8	Yes				small	large	some	none
334	Furfural	98-01-1	Yes			Yes	small	large	some	none
335	Gasoline	8006-61-9				Yes	small	large	some	none
336	Germanium Tetrahydride	7782-65-2				Yes	small	large	some	none
337	Heptachlor	76-44-8	Yes	Yes	Yes		small	large	some	none
338	Heptachlor Epoxide	1024-57-3		Yes	Yes		small	large	some	none
339	Hexachlorobenzene	118-71-1	Yes	Yes	Yes		small	large	some	none
340	Hexachlorobutadiene	87-68-3	Yes	Yes	Yes		small	large	some	none
341	Hexachlorocyclohexane	608-73-1	Yes	Yes	Yes		small	large	some	none
342	Hexachlorocyclopentadiene	77-47-4	Yes	Yes		Yes	small	large	some	none
343	Hexachloroethane	67-72-1	Yes	Yes	Yes		small	large	some	none
344	Hexachloronaphthalene	1335-87-1				Yes	small	large	some	none
345	Hexane	110-54-3				Yes	small	large	some	none
346	Hydrochloric Acid	7647-01-0	Yes			Yes	small	large	some	none
347	Hydrogen Cyanide	74-90-8	Yes			Yes	small	large	some	none
348	Hydrogen Fluoride	7664-39-3	Yes			Yes	small	large	some	none
349	Hydrogen Selenide	7783-07-5				Yes	small	large	some	none
350	Hydrogen Sulfide	7783-06-4				Yes	small	large	some	none
351	Hydroquinone	123-31-9				Yes	small	large	some	none
352	Ideno(1,2,3-CD)Pyrene (2,3-o-Phenylene-pyrene)	193-39-5	Yes				small	large	some	none
353	Iron, Pentacarbonyl-	13463-40-6				Yes	small	large	some	none

**City of Flint Sanitary Sewer Use Permit Application
Potentially Harmful Substances on Premises**

Worksheet A

Instructions: Check the appropriate spaces below to identify the following Potentially Harmful Substances present at the user's establishment, *including any in mixtures*, and to report the maximum amount (either "small" or "large") of each one present at any time and the amount (either "some" or "none") of each one known, assumed or expected to normally enter at any time any drain that ultimately empties into any sanitary sewer. A "small" amount is less than 55 gallons for any liquid substance or less than 100 pounds for any solid substance. Also enter the name of the user in the space after "SNDU" (Significant Non-domestic User) at the bottom of each page.

<input type="checkbox"/>	354 Iso-Amyl Acetate	123-92-2					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	355 Iso-Butyl Acetate	110-19-0					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	356 Isobutanol	78-83-1					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	357 Isophorone	78-59-1		Yes			Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	358 Isophorone Diisocyanate	4088-71-9					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	359 Isoprene	78-79-5	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	360 Isopropanolamine Dodecylbenzene Sulfonate	42504-46-1	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	361 Kepone	143-50-0	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	362 Lead (and all compounds)	7439-92-1		Yes	Yes			<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	363 Lead Acetate	301-04-2	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	364 Lead Arsenate	3687-31-8	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	365 Lead Chloride	7758-95-4	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	366 Lead Fluoborate	13814-96-5	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	367 Lead Fluoride	7783-46-2	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	368 Lead Iodide	10101-63-0	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	369 Lead Nitrate	10099-74-8	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	370 Lead Stearate	1072-35-1	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	371 Lead Sulfate	7446-14-2	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	372 Lead Sulfide	1314-87-0	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	373 Lead Thiocyanate	592-87-0	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	374 Lindane	58-89-9	Yes	Yes		Yes		<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	375 Lithium Chromate	14307-35-8	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	376 Lithium Hydride	7580-67-8					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	377 Malathion	121-75-5	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	378 Maleic Acid	110-16-7	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	379 Maleic Anhydride	108-31-6	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	380 Manganese	7439-96-5					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	381 Manganese, Tricarbonyl Methylcyclopentadienyl	12108-13-3					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	382 MBOCA	101-14-4				Yes		<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	383 Mercaptodimethur	2032-65-7	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	384 Mercuric Acetate	1600-27-7		Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	385 Mercuric Chloride	7487-94-7		Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	386 Mercuric Cyanide	592-04-1	Yes	Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	387 Mercuric Nitrate	10045-94-0	Yes	Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	388 Mercuric Oxide	21908-53-2		Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	389 Mercuric Sulfate	7783-35-9	Yes	Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	390 Mercuric Thiocyanate	592-85-8	Yes	Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	391 Mercurous Nitrate	7782-86-7	Yes	Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	392 Mercury (and all compounds)	7439-97-6		Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	393 Mercury Fulminate	628-86-4		Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	394 Methacrylonitrile	126-98-7					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	395 Methylomyl	16752-77-5					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	396 Methoxychlor	72-43-5	Yes			Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	397 Methyl Acrylate	96-33-3					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	398 Methyl Bromide (Bromomethane)	74-83-9		Yes			Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	399 Methyl Chloride (Chloromethane)	74-87-3		Yes			Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	400 Methyl Ethyl Ketone	78-93-3					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	401 Methyl Ethyl Ketone Peroxide	1338-23-4					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	402 Methyl Iodide	74-88-4					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	403 Methyl Isobutyl Ketone	108-10-1					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	404 Methyl Isocyanate	624-83-9					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	405 Methyl Mercaptan	74-93-1	Yes				Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	406 Methyl Methacrylate	80-62-6	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	407 Methyl Parathion	298-00-0	Yes				Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	408 Methylene Chloride (Dichloromethane)	75-09-2				Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	409 Methylenebis (Phenylisocyanate)	101-68-8					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	410 Mevinphos	7786-34-7	Yes				Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	411 Mexacarbate	315-18-4	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	412 Mirex	2385-85-5		Yes	Yes			<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	413 Monochloropentafluoroethane (CFC-115)	76-15-3					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	414 Monoethylamine	75-04-7	Yes				Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	415 Monomethylamine	74-89-5	Yes				Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	416 Naled	300-76-5	Yes				Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	417 1-Naphthylamine	134-32-7					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	418 Naphthalene	91-20-3	Yes	Yes			Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	419 Naphthalenic Acid	1338-24-5	Yes					<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	420 Vm & P Naphtha	8032-32-4					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input checked="" type="checkbox"/>	421 Nickel (and all compounds)	7440-02-0		Yes	Yes			<input checked="" type="checkbox"/>	small	<input type="checkbox"/>	large	<input checked="" type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	422 Nickel Ammonium Sulfate	15689-18-0	Yes	Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	423 Nickel Carbonyl	13463-39-3		Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	424 Nickel Chloride	7718-54-9	Yes	Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	425 Nickel Cyanide	557-19-7		Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	426 Nickel Hydroxide	12054-48-7	Yes	Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	427 Nickel Nitrate	14216-75-2	Yes	Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	428 Nickel Sulfate	7786-81-4	Yes	Yes	Yes	Yes	Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	429 Nitric Acid	7697-37-2	Yes				Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	430 Nitric Oxide	10102-43-9					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	431 1-Nitropropane	108-03-2					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	432 2-Nitrophenol	88-75-5		Yes				<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	433 2-Nitropropane	79-46-9					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	434 4-Nitrobiphenyl	92-93-3					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	435 4-Nitrophenol	100-02-7	Yes	Yes				<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	436 m-Nitrotoluene	99-08-1	Yes				Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	437 n-Nitrosodimethylamine	62-75-9		Yes			Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	438 n-Nitrosodiphenylamine	86-30-6		Yes			Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	439 Nitrobenzene	98-95-3	Yes	Yes			Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	440 Nitroethane	79-24-3					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	441 Nitrogen Dioxide	10102-44-0	Yes				Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none
<input type="checkbox"/>	442 Nitrogen Trifluoride	7783-54-2					Yes	<input type="checkbox"/>	small	<input type="checkbox"/>	large	<input type="checkbox"/>	some	<input type="checkbox"/>	none

**City of Flint Sanitary Sewer Use Permit Application
Potentially Harmful Substances on Premises**

Worksheet A

Instructions: Check the appropriate spaces below to identify the following Potentially Harmful Substances present at the user's establishment, including any in mixtures, and to report the maximum amount (either "small" or "large") of each one present at any time and the amount (either "some" or "none") of each one known, assumed or expected to normally enter at any time any drain that ultimately empties into any sanitary sewer. A "small" amount is less than 55 gallons for any liquid substance or less than 100 pounds for any solid substance. Also enter the name of the user in the space after "SNDU" (Significant Non-domestic User) at the bottom of each page.

___	443 Nitroglycerin	55-63-0				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	444 Nitromethane	75-52-5				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	445 Nitrophenol (mixed isomers)	25154-55-6	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	446 Nitrotoluene	1321-12-6	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	447 p-Nitroaniline	100-01-6				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	448 p-Nitrochlorobenzene	100-00-5				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	449 p-Nitrotoluene	99-99-0				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	450 Nonane	111-84-2				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	451 Octachloronaphthalene	2234-13-1				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	452 Octachlorostyrene	29082-74-7	Yes	Yes			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	453 Ocane	111-65-9				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	454 Di-n-Octyl Phthalate	117-84-0	Yes	Yes			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	455 Osmium Tetroxide	20816-12-0				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	456 Oxalic Acid	144-62-7				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	457 Oxygen Difluoride	7783-41-7				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	458 Ozone	10028-15-6				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	459 Paraformaldehyde	30525-89-4	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	460 Parathion	56-38-2	Yes			Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	461 2-Pentanone (Methyl Propyl Ketone)	107-87-9				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	462 Pentaborane	19624-22-7				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	463 Pentachloronaphthalene	1321-64-8				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	464 Pentachlorophenol	87-86-5	Yes	Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	465 Pentane	109-66-0				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	466 Perchloryl Fluoride	7616-94-6				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	467 Petroleum Distillates (Naphta)	8030-30-6				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	468 Phenanthrene	85-01-8		Yes			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
X	469 Phenol	108-95-2	Yes	Yes		Yes	X <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	470 Phenothiazine	92-84-2				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	471 p-Phenylenediamine	106-50-3				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	472 Phenyl Ether	101-84-8				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	473 Phenyl Ether-Biphenyl Mixture					Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	474 Phenyl Glycidyl Ether (PGE)	122-60-1				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	475 Phenylhydrazine	100-63-0				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	476 Phenylphosphine	638-21-1				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	477 Phorate	298-02-2				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	478 Phosgene	75-44-5	Yes			Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	479 Phosphine	7803-51-2				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
X	480 Phosphoric Acid	7664-38-2	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	481 Phosphorus	7723-14-0	Yes			Yes	X <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	482 Phosphorus Oxychloride	10025-87-3	Yes			Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	483 Phosphorus Pentachloride	10026-13-8				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	484 Phosphorus Trichloride	7719-12-2	Yes			Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	485 m-Phthalodinitrile	626-17-5				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	486 Picric Acid	88-89-1				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	487 Pindone (2-Pivalyl-1,3-Indandione)	83-26-1				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	488 Piperazine Dihydrochloride	142-64-3				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	489 Polybrominated Biphenyls (PBB)	67774-32-7			Yes		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	490 Polychlorinated Biphenyls (PCB)	1336-36-3	Yes	Yes		Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	491 Polychlorinated Naphthalenes	CLASS-06-6			Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	492 Potassium Arsenite	10124-50-2	Yes	Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	493 Potassium Bichromate	7776-50-9	Yes	Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	494 Potassium Chromate	7789-00-6	Yes	Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	495 Potassium Cyanide	151-50-8	Yes	Yes			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	496 Potassium Hydroxide	1310-58-3	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	497 Potassium Permanganate	7722-64-7	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	498 Propane	74-98-6				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	499 Propargite	2312-35-8	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	500 Propargyl Alcohol	107-19-7				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	501 Beta-Propiolactone	57-57-8				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	502 Propionic Acid	79-09-4	Yes			Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	503 Propionic Anhydride	123-62-6	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	504 Propoxur	114-26-1				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	505 Di-n-Propylnitrosamine	621-64-7		Yes			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	506 n-Propyl Acetate	109-60-4				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	507 n-Propyl Nitrate	627-13-4				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	508 Propylene Glycol Dinitrate	6423-43-4				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	509 Propylene Glycol Monomethyl Ether	107-98-2				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	510 Propylene Oxide	75-56-9	Yes			Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	511 Pyrene	129-00-0		Yes			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	512 Pyrethrins	8003-34-7	Yes			Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	513 Quinoline	91-22-5	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	514 Resorcinol	108-46-3	Yes			Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	515 Ronnel	299-84-3				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	516 Rotenone	83-79-4				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	517 Selenium (and all compounds)	7782-49-2		Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	518 Selenium Hexafluoride	7783-79-1		Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	519 Selenium Oxide	7446-08-4	Yes	Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	520 Selenium Oxychloride	7791-23-3		Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	521 Selenium Sulfide	7488-56-4		Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	522 Silicon Tetrahydride	7803-62-5				Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	523 Silver (all compounds)	7440-22-4		Yes	Yes		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	524 Silver Cyanide	506-64-9		Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	525 Silver Nitrate	7761-88-8	Yes	Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	526 Silvex (2,4,5-Trichloropropionic Acid; 2,4,5-TP)	93-72-1	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	527 Silvex Esters (2,4,5-TP Esters)	32534-95-5	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	528 Sodium	7440-23-5	Yes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	529 Sodium Arsenate	7631-89-2	Yes	Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	530 Sodium Arsenite	7784-46-5	Yes	Yes	Yes	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
___	531 Sodium Dichromate	10588-01-9	Yes	Yes	Yes		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**City of Flint Sanitary Sewer Use Permit Application
Potentially Harmful Substances on Premises**

Worksheet A

Instructions: Check the appropriate spaces below to identify the following Potentially Harmful Substances present at the user's establishment, including any in mixtures, and to report the maximum amount (either "small" or "large") of each one present at any time and the amount (either "some" or "none") of each one known, assumed or expected to normally enter at any time any drain that ultimately empties into any sanitary sewer. A "small" amount is less than 55 gallons for any liquid substance or less than 100 pounds for any solid substance. Also enter the name of the user in the space after "SNDU" (Significant Non-domestic User) at the bottom of each page.

___	532 Sodium Bifluoride	1333-83-1	Yes						___	small	___	large	___	some	___	none
___	533 Sodium Bisulfite	7631-90-5	Yes						___	small	___	large	___	some	___	none
___	534 Sodium Chromate	7775-11-3	Yes	Yes	Yes				___	small	___	large	___	some	___	none
___	535 Sodium Cyanide (Na(Cn))	143-33-9	Yes	Yes					___	small	___	large	___	some	___	none
___	536 Sodium Dodecylbenzenesulfonate	25155-30-0	Yes						___	small	___	large	___	some	___	none
___	537 Sodium Fluoride	7681-49-4	Yes						___	small	___	large	___	some	___	none
___	538 Sodium Hydrosulfide	16721-80-5	Yes						___	small	___	large	___	some	___	none
___	539 Sodium Hydroxide	1310-73-2	Yes						___	small	___	large	___	some	___	none
___	540 Sodium Hypochlorite	7681-52-9	Yes						___	small	___	large	___	some	___	none
___	541 Sodium Hypochlorite	10022-70-5	Yes						___	small	___	large	___	some	___	none
___	542 Sodium Methylate	124-41-4	Yes						___	small	___	large	___	some	___	none
___	543 Sodium Nitrite	7632-00-0	Yes						___	small	___	large	___	some	___	none
___	544 Sodium Phosphate, Dibasic	7558-79-4	Yes						___	small	___	large	___	some	___	none
___	545 Sodium Phosphate, Tribasic	7601-54-9	Yes						___	small	___	large	___	some	___	none
___	546 Sodium Selenite	10102-18-8	Yes	Yes	Yes		Yes		___	small	___	large	___	some	___	none
___	547 Silbire	7803-52-3	Yes				Yes		___	small	___	large	___	some	___	none
___	548 Stoddard Solvent	8052-41-3	Yes				Yes		___	small	___	large	___	some	___	none
___	549 Strontium Chromate	7789-06-2	Yes	Yes	Yes				___	small	___	large	___	some	___	none
___	550 Strychnine	57-24-9	Yes				Yes		___	small	___	large	___	some	___	none
___	551 Styrene	100-42-5	Yes		Yes		Yes		___	small	___	large	___	some	___	none
___	552 Sulfur Dioxide	7446-09-5	Yes				Yes		___	small	___	large	___	some	___	none
___	553 Sulfur Hexafluoride	2551-62-4	Yes				Yes		___	small	___	large	___	some	___	none
___	554 Sulfur Monochloride	10025-67-9	Yes				Yes		___	small	___	large	___	some	___	none
___	555 Sulfur Pentafluoride	5714-22-7	Yes				Yes		___	small	___	large	___	some	___	none
___	556 Sulfur Phosphide	1314-80-3	Yes				Yes		___	small	___	large	___	some	___	none
___	557 Sulfur Tetrafluoride	7783-60-0	Yes				Yes		___	small	___	large	___	some	___	none
___	558 Sulfuric Acid	7664-93-9	Yes				Yes		___	small	___	large	___	some	___	none
___	559 Sulfuryl Fluoride	2699-79-8	Yes				Yes		___	small	___	large	___	some	___	none
___	560 2,4,5-T Amines	1319-72-8	Yes				___		___	small	___	large	___	some	___	none
___	561 2,4,5-T Amines	3813-14-7	Yes				___		___	small	___	large	___	some	___	none
___	562 2,4,5-T Amines	6369-96-6	Yes				___		___	small	___	large	___	some	___	none
___	563 2,4,5-T Amines	6369-97-7	Yes				___		___	small	___	large	___	some	___	none
___	564 2,4,5-T Esters	1928-47-8	Yes				___		___	small	___	large	___	some	___	none
___	565 2,4,5-T Esters	2545-59-7	Yes				___		___	small	___	large	___	some	___	none
___	566 2,4,5-T Esters	25168-15-4	Yes				___		___	small	___	large	___	some	___	none
___	567 2,4,5-T Esters	61792-07-2	Yes				___		___	small	___	large	___	some	___	none
___	568 2,3,7,8-TCDF (and all congeners)	51207-31-9	Yes				Yes		___	small	___	large	___	some	___	none
___	569 TDE	72-54-8	Yes	Yes	Yes		Yes		___	small	___	large	___	some	___	none
___	570 Tellurium (and all compounds)	13494-80-9	Yes				Yes		___	small	___	large	___	some	___	none
___	571 Tellurium Hexafluoride	7783-80-4	Yes				Yes		___	small	___	large	___	some	___	none
___	572 Terphenyls	26140-60-3	Yes				Yes		___	small	___	large	___	some	___	none
___	573 1,1,1,2-Tetrachloro-2,2-Difluoroethane	76-11-9	Yes				Yes		___	small	___	large	___	some	___	none
___	574 1,1,2,2-Tetrachloro-1,2-Difluoroethane	76-12-0	Yes				Yes		___	small	___	large	___	some	___	none
___	575 1,1,2,2-Tetrachloroethane	79-34-5	Yes	Yes			Yes		___	small	___	large	___	some	___	none
___	576 1,2,3,4-Tetrachlorobenzene	634-66-2	Yes			Yes	___		___	small	___	large	___	some	___	none
___	577 1,2,3,5-Tetrachlorobenzene	634-90-2	Yes			Yes	___		___	small	___	large	___	some	___	none
___	578 1,2,4,5-Tetrachlorobenzene	95-94-3	Yes			Yes	___		___	small	___	large	___	some	___	none
___	579 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD)	1746-01-6	Yes	Yes	Yes		Yes		___	small	___	large	___	some	___	none
___	580 Tetrachloroethylene (Perchloroethylene)	127-18-4	Yes	Yes	Yes		Yes		___	small	___	large	___	some	___	none
___	581 Tetrachloronaphthalene	1335-88-2	Yes				Yes		___	small	___	large	___	some	___	none
___	582 Tetraethyl Lead	78-00-2	Yes				Yes		___	small	___	large	___	some	___	none
___	583 Tetraethyl Pyrophosphate	107-49-3	Yes				Yes		___	small	___	large	___	some	___	none
___	584 Tetraethylthiopyrophosphate	3689-24-5	Yes				Yes		___	small	___	large	___	some	___	none
___	585 Tetramethyl Succinonitrile	3333-52-6	Yes				Yes		___	small	___	large	___	some	___	none
___	586 Tetramethyllead	75-74-1	Yes				Yes		___	small	___	large	___	some	___	none
___	587 Tetranitromethane	509-14-8	Yes				Yes		___	small	___	large	___	some	___	none
___	588 Tetryl (2,4,6-Trinitro-Phenyl-Methyl-Nitramine)	479-45-8	Yes				Yes		___	small	___	large	___	some	___	none
___	589 Thalic Oxide	1314-32-5	Yes	Yes			Yes		___	small	___	large	___	some	___	none
___	590 Thallium	7440-28-0	Yes	Yes			___		___	small	___	large	___	some	___	none
___	591 Thallium Sulfate	10031-59-1	Yes	Yes	Yes		Yes		___	small	___	large	___	some	___	none
___	592 Thallium(I) Acetate	563-68-8	Yes				Yes		___	small	___	large	___	some	___	none
___	593 Thallium(I) Nitrate	10102-45-1	Yes				Yes		___	small	___	large	___	some	___	none
___	594 Thallous Carbonate	6533-73-9	Yes				Yes		___	small	___	large	___	some	___	none
___	595 Thallous Chloride	7791-12-0	Yes				Yes		___	small	___	large	___	some	___	none
___	596 Thallous Malonate	2757-18-8	Yes				Yes		___	small	___	large	___	some	___	none
___	597 Thallous Sulfate	7446-18-6	Yes	Yes			Yes		___	small	___	large	___	some	___	none
___	598 Thionyl Chloride	7719-09-7	Yes				Yes		___	small	___	large	___	some	___	none
___	599 Thiophenol	108-98-5	Yes				Yes		___	small	___	large	___	some	___	none
___	600 Thiourea, 1-Naphthalenyl-	86-88-4	Yes				Yes		___	small	___	large	___	some	___	none
___	601 Thiram	137-26-8	Yes				Yes		___	small	___	large	___	some	___	none
___	602 Toluene	108-88-3	Yes	Yes	Yes		___		___	small	___	large	___	some	___	none
___	603 Toluene-2,4-Diisocyanate	584-84-9	Yes				Yes		___	small	___	large	___	some	___	none
___	604 m-Toluidine	108-44-1	Yes				Yes		___	small	___	large	___	some	___	none
___	605 o-Toluidine	95-53-4	Yes				Yes		___	small	___	large	___	some	___	none
___	606 Toxaphene	8001-35-2	Yes	Yes	Yes		Yes		___	small	___	large	___	some	___	none
___	607 Tribromomethane	75-25-2	Yes				Yes		___	small	___	large	___	some	___	none
___	608 Tributyl Phosphate	126-73-8	Yes				Yes		___	small	___	large	___	some	___	none
___	609 Tributyltin and salts and esters		Yes			Yes	Yes		___	small	___	large	___	some	___	none
___	610 1,1,1-Trichloroethane	71-55-6	Yes				Yes		___	small	___	large	___	some	___	none
___	611 1,1,2-Trichloroethane	79-00-5	Yes				Yes		___	small	___	large	___	some	___	none
___	612 1,2,3-Trichlorobenzene	87-61-6	Yes			Yes	___		___	small	___	large	___	some	___	none
___	613 1,2,3-Trichloropropane	96-18-4	Yes				Yes		___	small	___	large	___	some	___	none
___	614 1,2,4-Trichlorobenzene	120-82-1	Yes	Yes	Yes	Yes	Yes		___	small	___	large	___	some	___	none
___	615 2,4,5-T Amines, Esters and Salts		Yes				___		___	small	___	large	___	some	___	none
___	616 2,4,5-Trichloroacetic Acid (2,4,5-T)	93-76-5	Yes				Yes		___	small	___	large	___	some	___	none
___	617 2,4,5-Trichlorophenol	95-95-4	Yes				___		___	small	___	large	___	some	___	none
___	618 2,4,5-Trichlorotoluene	6639-30-1	Yes			Yes	___		___	small	___	large	___	some	___	none
___	619 2,4,6-Trichlorophenol	88-06-2	Yes	Yes			___		___	small	___	large	___	some	___	none
___	620 Trichlorfon	52-68-6	Yes				___		___	small	___	large	___	some	___	none

**City of Flint Sanitary Sewer Use Permit Application
Potentially Harmful Substances on Premises**

Worksheet A

Instructions: Check the appropriate spaces below to identify the following Potentially Harmful Substances present at the user's establishment, *including any in mixtures*, and to report the maximum amount (either "small" or "large") of each one present at any time and the amount (either "some" or "none") of each one known, assumed or expected to normally enter at any time any drain that ultimately empties into any sanitary sewer. A "small" amount is less than 55 gallons for any liquid substance or less than 100 pounds for any solid substance. Also enter the name of the user in the space after "SNDU" (Significant Non-domestic User) at the bottom of each page.

___	621 Trichloroacetic Acid	76-03-9				Yes	___	___	___	___
___	622 Trichloroethylene	79-01-6	Yes	Yes	Yes	Yes	___	___	___	___
___	623 Trichloromethanesulfenyl Chloride	594-42-3				Yes	___	___	___	___
___	624 Trichloronaphthalene	1321-65-9				Yes	___	___	___	___
___	625 Trichlorophenol	25167-82-2	Yes				___	___	___	___
___	626 Triethanolamine Dodecylbenzene Sulfonate	27323-41-7	Yes				___	___	___	___
___	627 Triethylamine	121-44-8	Yes			Yes	___	___	___	___
___	628 Trifluralin	1582-09-8			Yes		___	___	___	___
___	629 Trimellitic Anhydride	552-30-7				Yes	___	___	___	___
___	630 Trimethyl Benzene	25551-13-7				Yes	___	___	___	___
___	631 Trimethyl Phosphite	121-45-9				Yes	___	___	___	___
___	632 Trimethylamine	75-50-3	Yes			Yes	___	___	___	___
___	633 2,4,6-Trinitrotoluene (TNT)	118-96-7				Yes	___	___	___	___
___	634 Triorthocresyl Phosphate	78-30-8				Yes	___	___	___	___
___	635 Triphenyl Amine	603-34-9				Yes	___	___	___	___
___	636 Triphenyl Phosphate	115-86-6				Yes	___	___	___	___
___	637 Turpentine	8008-64-2				Yes	___	___	___	___
___	638 Uranyl Acetate	541-09-3	Yes				___	___	___	___
___	639 Uranyl Nitrate	10102-06-4	Yes				___	___	___	___
___	640 n-Valeraldehyde	110-62-3				Yes	___	___	___	___
___	641 Vanadium Pentoxide	1314-62-1	Yes				___	___	___	___
___	642 Vanadyl Sulfate	27774-13-6	Yes				___	___	___	___
___	643 Vinyl Acetate Monomer	108-05-4	Yes			Yes	___	___	___	___
___	644 Vinyl Bromide	593-60-2				Yes	___	___	___	___
___	645 Vinyl Chloride	75-01-4		Yes	Yes	Yes	___	___	___	___
___	646 Vinyl Cyclohexene Dioxide	106-87-6				Yes	___	___	___	___
___	647 Vinyl Toluene	25013-15-4				Yes	___	___	___	___
___	648 Warfarin, & Salts, Conc.>0.3%	81-81-2				Yes	___	___	___	___
___	649 Xylene	1330-20-7	Yes		Yes	Yes	___	___	___	___
___	650 Xylenol	1300-71-6	Yes				___	___	___	___
___	651 Xylidine	1300-73-8				Yes	___	___	___	___
___	652 Zinc (and all compounds)	7440-66-6		Yes	Yes		___	___	___	___
___	653 Zinc Acetate	557-34-6	Yes	Yes	Yes		___	___	___	___
___	654 Zinc Ammonium Chloride	52628-25-8	Yes	Yes	Yes		___	___	___	___
___	655 Zinc Borate	1332-07-6	Yes	Yes	Yes		___	___	___	___
___	656 Zinc Bromide	7699-45-8	Yes	Yes	Yes		___	___	___	___
___	657 Zinc Carbonate	3486-35-9	Yes	Yes	Yes		___	___	___	___
___	658 Zinc Chloride	7646-85-7		Yes	Yes	Yes	___	___	___	___
___	659 Zinc Cyanide	557-21-1	Yes	Yes	Yes		___	___	___	___
___	660 Zinc Fluoride	7783-49-5	Yes	Yes	Yes		___	___	___	___
___	661 Zinc Formate	557-41-5	Yes	Yes	Yes		___	___	___	___
___	662 Zinc Hydrosulfite	7779-86-4	Yes	Yes	Yes		___	___	___	___
___	663 Zinc Nitrate	7779-88-6	Yes	Yes	Yes		___	___	___	___
___	664 Zinc Phenolsulfonate	127-82-2	Yes	Yes	Yes		___	___	___	___
___	665 Zinc Phosphide	1314-84-7	Yes	Yes	Yes		___	___	___	___
___	666 Zinc Silicofluoride	16871-71-9	Yes	Yes	Yes		___	___	___	___
___	667 Zinc Sulfate	7733-02-0	Yes	Yes	Yes		___	___	___	___
___	668 Zinc, Dichloro(4,4-Dimethyl-5((((Methylamino)Carbonyl)Oxy)Im	58270-08-9		Yes	Yes		___	___	___	___
___	669 Zirconium Nitrate	13746-89-9	Yes				___	___	___	___
___	670 Zirconium Potassium Fluoride	16923-95-8	Yes				___	___	___	___
___	671 Zirconium Sulfate	14644-61-2	Yes				___	___	___	___
___	672 Zirconium Tetrachloride	10026-11-6	Yes				___	___	___	___

City of Flint
Sanitary Sewer Use Permit Application
Industrial Wastewater Pollutants Information
Worksheet B

Source of Wastestream	Accumulated liquids in sumps and vaults					
Sampling Location	Holding tank prior to discharge					
Regulated Pollutant	Daily Maximum Limit	Analytical Data				
		Concentration *		Quantification Level*	Units	Test Method
		Average	Daily Maximum			
Total Biochemical Oxygen Demand	427 mg/L	27.87	120	1	mg/l	EPA 5210
Hexane-extractable Material	100 mg/L	1.58	14	1	mg/l	1664A
Ammonia-Nitrogen **	37 mg/L	8.45	24	0.1	mg/l	EPA 4500
Total Phosphorus	7 mg/L	0.060	0.22	0.01	mg/l	EPA 4500
Total Suspended Solids	305 mg/L	57.81	982	1	mg/l	EPA 2540
Total Arsenic	12 ug/L	0.014	0.029	0.002	mg/l	200.8
Total Cadmium	14 ug/L	N/A	N/A	N/A	N/A	N/A
Total Chromium	48 ug/L	0.049	0.132	0.005	mg/l	200.8
Hexavalent Chromium	5 ug/L	N/A	N/A	N/A	N/A	N/A
Total Copper	179 ug/L	0.745	2.3	0.004	mg/l	200.8
Amenable Cyanide	5 ug/L	0.0095	0.070	0.005	mg/l	EPA 4500-CN-G
Total Lead	107 ug/L	N/A	N/A	N/A	N/A	N/A
Total Mercury	0.012 ug/L	ND	ND	0.0002	mg/l	245.1
Total Nickel	43 ug/L	0.21	0.52	0.005	mg/l	200.8
Total Silver	23 ug/L	N/A	N/A	N/A	N/A	N/A
Total Zinc	445 ug/L	0.019	0.11	0.005	mg/l	200.8
Total PCB	0.00020 ug/L	ND	ND	0.1	ug/l	608
Benzene	1 ug/L	ND	ND	1	ug/l	624
Toluene	187 ug/L	ND	0.1	1	ug/l	624
Ethyl benzene	1 ug/L	ND	ND	1	ug/l	624
Total Xylenes	2 ug/L	ND	ND	2	ug/l	624

*The lowest level at which the test result is reported by the analytical laboratory as a quantitative numerical value, below which test results are reported as "less than" (<) that value.

N/A - Not Available

ND - Not Detected

* Since 2005, also see attached Table

** As TKN; however, TKN measures ammonia nitrogen as well as organic nitrogen, but at this site organic nitrogen is not expected; therefore, TKN results should be comparable to ammonia nitrogen.

**City of Flint
Sanitary Sewer Use Permit Application
Wastewater Treatment System Information**

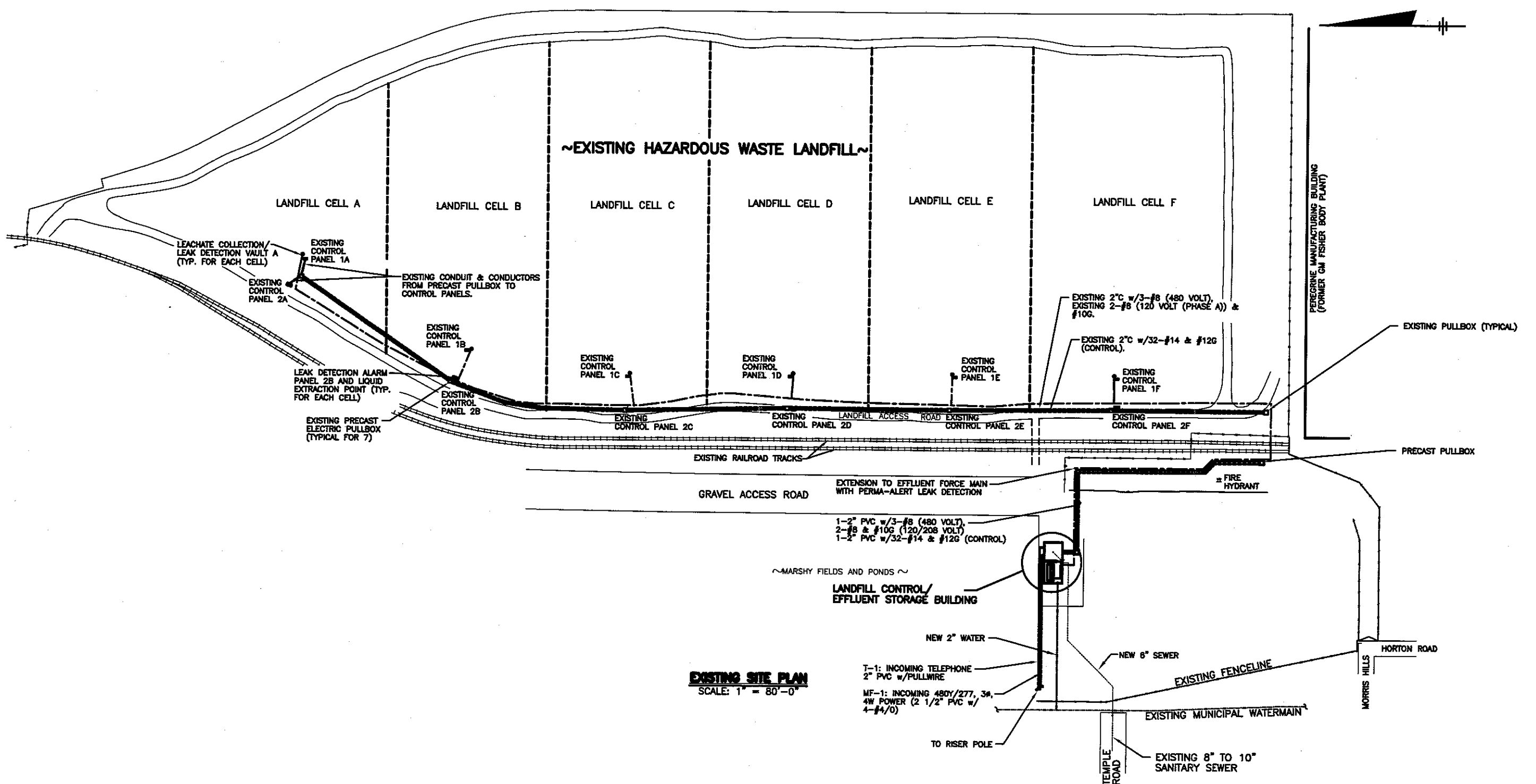
Worksheet C

Pollutants Removed or Altered	Wastewater Treatment Method	Chemical Additives or Agents Used	Removal Efficiency (%)
N/A			

Pollutants Removed or Altered	Wastewater Treatment Method	Chemical Additives or Agents Used	Removal Efficiency (%)

Application Number: MLC BMD 2010

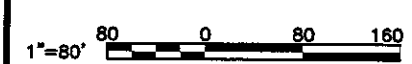
I:\NOM\4144007\DWGS\LEACHATE\ESTBLD.DWG SF-80



EXISTING SITE PLAN
SCALE: 1" = 80'-0"

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.



IN CHARGE OF _____
DESIGNED BY _____ CHECKED BY _____
DRAWN BY _____

NO.	DATE	REVISION	INIT.



REALM
COLDWATER ROAD LANDFILL
FLINT, MICHIGAN

EFFLUENT STORAGE/CONTROL FACILITY

FILE NO.
144.007LSBLDC
DATE
3-13-2000

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