

COMMERCIAL OR INDUSTRIAL PROJECTS

PLAN REVIEW APPLICATION

GRAND BLANC TOWNSHIP, BUILDING DEPARTMENT

5371 S. Saginaw Street
PO Box 1833
Grand Blanc, MI 48480

Telephone: (810) 424-2782
Fax: (810) 424-2783



APPLICATION INFORMATION AND REQUIREMENTS (application MUST be complete):

- PLAN REVIEW FEES MUST BE PAID IN FULL AT TIME OF PROJECT SUBMITTAL
- PLANS MUST BE SIGNED/SEALED BY ARCHITECT OR ENGINEER
- THREE SETS OF SIGNED/SEALED PLANS ARE REQUIRED
- DIGITAL COPY REQUIRED
- THE FOLLOWING SIGNATURES MUST BE ON THE APPLICATION:
 - Applicant Architect/Engineer Design Professional In Charge
 - SITE PLAN REVIEW IN PROCESS? COMPLETED AND APPROVED?
 - ZBA REQUIRED? IF YES, APPROVAL OBTAINED?
 - SPECIAL LAND USE REQUIRED? IF YES, APPROVAL OBTAINED?

IT IS YOUR RESPONSIBILITY To Obtain The Following County & State Permits **(If Required)** Prior To Application For Your Building Permit:

<input type="checkbox"/> Soil Erosion Permit (County)	<input type="checkbox"/> Right-Of-Way Permit (County)
<input type="checkbox"/> CCIF (B) Permit (County)	<input type="checkbox"/> IPP Permit (County)
<input type="checkbox"/> DEQ (State)	<input type="checkbox"/> DNR (State)

Fire Suppression / Fire Prevention Information Required (last page of application)

TED SCZEPANSKI, BUILDING OFFICIAL
BUILDING PLAN REVIEW/COMMERCIAL BUILDING INSPECTIONS

MIKE KYLE
ELECTRICAL PLAN REVIEW/INSPECTOR

GLENN THOMAS
MECHANICAL PLAN REVIEW/INSPECTOR
FIRE SUPPRESSION PLAN REVIEW/INSPECTOR
PLUMBING PLAN REVIEW/INSPECTOR

Authority: Act 230, P.A. 1972, as amended **Completion:** Mandatory **Penalty:** Permit Cannot Be Issued
Notice: Grand Blanc Township will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, handicap or political beliefs.

PLEASE NOTE: ONLY those items checked and that have fees paid will be reviewed. **Additional submittals for plan review require a new application:

Building _____ Electrical _____ Mechanical _____ Plumbing _____ Energy _____

Foundation _____ Barrier Free _____ Fire Prevention* _____ Fire Suppression _____ Fire Alarm _____

➤ * Each of the following require fire prevention plan review and permits in addition to mechanical and/or electrical:

- Any project requiring fire suppression plan review and permit.
- Any project requiring fire alarm systems
- Any project requiring Automatic Range Hood systems

➤ **APPLICANT INFORMATION:**

Company: _____ Contact Name: _____

Address: _____ City: _____ State: _____ Zip Code: _____

Phone: _____ Cell Phone (if desired): _____ Fax: _____

➤ **Applicant Signature:** _____ **Title:** _____

➤ **ARCHITECT/ENGINEER INFORMATION:**

Company: _____ Contact Name: _____

Address: _____ City: _____ State: _____ Zip Code: _____

License #: _____ Phone: _____ Fax: _____

➤ **DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE:**

Company: _____ Contact Name: _____

Address: _____ City: _____ State: _____ Zip Code: _____

Phone Number: _____ Fax: _____

Architect: _____ Engineer: _____ License Number: _____

Email: _____

➤ **RESPONSIBILITY AREAS:**

Building _____ Electrical _____ Mechanical _____ Plumbing _____ Energy _____

Foundation _____ Barrier Free _____ Fire Suppression _____ Other _____



Signature of Design Professional in Charge

Date

THIS APPLICATION IS FOR:

Project Address: _____

Project Name: _____

Building Data: New _____ Addition _____ Alteration _____ Repair _____ Other _____

Proposed Construction Cost: _____

AREA 1General Description: _____

Gross Floor Area: _____ Alteration Area: _____ Occupant Load: _____

Use Group: _____ Construction Type: _____ Date: _____

Fire Suppression: Yes / No **Type of System:** NFPA13 NFPA13R NFPA13D LTD AREA HOOD SYS OTHER

Fire Alarms: Yes / No **Type of System:** MANUAL AUTOMATIC

AREA 2General Description: _____

Gross Floor Area: _____ Alteration Area: _____ Occupant Load: _____

Use Group: _____ Construction Type: _____ Date: _____

Fire Suppression: Yes / No **Type of System:** NFPA13 NFPA13R NFPA13D LTD AREA HOOD SYS OTHER

Fire Alarms: Yes / No **Type of System:** MANUAL AUTOMATIC

AREA 3General Description: _____

Gross Floor Area: _____ Alteration Area: _____ Occupant Load: _____

Use Group: _____ Construction Type: _____ Date: _____

Fire Suppression: Yes / No **Type of System:** NFPA13 NFPA13R NFPA13D LTD AREA HOOD SYS OTHER

Fire Alarms: Yes / No **Type of System:** MANUAL AUTOMATIC

PLAN REVIEW
FIRE SUPPRESSION AND FIRE PREVENTION FOR FIRE SUPPRESSION

**Separate Permits Required for
Fire Suppression and Fire Prevention for Fire Suppression**

ATTENTION OWNERS / LEASEES:

This project may need to obtain yearly operational permit and inspection from the Grand Blanc Township Fire Prevention Bureau

ATTENTION CONTRACTORS:

When application for a fire suppression permit is made, shop drawings are required.

➤ **Owner/Manager is responsible to pay all fire prevention plan review fees and submit a fire prevention permit application with appropriate fees.**

PLEASE PROVIDE A DESCRIPTION OF WORK TO BE COMPLETED UNDER THIS PERMIT

SYSTEM TYPE: GRID_____ T-System_____

Density_____

Wet Pipe_____

“C” Factor_____

Dry Pipe_____

Design Area Square Feet_____

Pre-Action System_____

Sprinklers Calculated_____

Wet Pipe w/Antifreeze_____

Hose Allowance_____

Water Supply Static Flow Test_____ Residual_____ at_____ G.P.M.

System Demand_____ G.P.M. @ _____ PSI at_____

System G.P.M._____ Hose G.P.M._____ Pressure_____

Hazard Type_____

K for Heads_____ Design Density_____

Head on Each Line _____

Rows/Lines:_____ Spacing of Rows_____

Total # of Heads_____

By my signature below, I certify, acknowledge, and agree as follows:

I am the legal owner (or the duly authorized representative of the legal owner) (the "Property Owner") of the above-described property (the "Property"). This application for a permit to authorize the discharge of wastewater to the public sewer from the Property is submitted with my permission, authority, and consent.

I am aware and understand that the discharge of wastewater from the Property to the public sewer is governed by, and subject to, local, state, and federal laws and regulations; that these laws and regulations impose certain financial and legal requirements, responsibilities, and liabilities on the Property and on the Property Owner; and that these requirements, responsibilities, and liabilities, include, but are not limited to, the following: Effective immediately upon the provision of wastewater treatment service to the Property, the Genesee County Drain Commissioner's Office, Division of Water and Waste Services, shall have a lien upon the Property, as security for the collection of wastewater treatment system rates and/or charges, which lien shall be enforceable as provided by law.

Property Owner Signature

Property Owner Name (Please Print)

Property Owner Title (Please Print)

Date

A. Provide a brief description of the manufacturing, production or service activities your company conducts. _____

B. Business Activity (check all that apply)

<input type="checkbox"/> New construction	<input type="checkbox"/> Addition	<input type="checkbox"/> Change of Ownership
<input type="checkbox"/> Remodel	<input type="checkbox"/> Change of use	
<input type="checkbox"/> Multi-tenant space - - - If yes how many tenant spaces? _____		

*Note that multi-tenant spaces are required to install two separate sewer lines in the building. One line will be for sanitary sewage and the other for process waters. The process line will be brought outside each tenant space. Each tenant space is required to submit an individual IPP application.

C. What types of waste(s) do you discharge to the sanitary sewer? (Check all that apply)

<input type="checkbox"/> Domestic Waste	<input type="checkbox"/> Process Water	<input type="checkbox"/> Non-contact Cooling Water	<input type="checkbox"/> Scrubber Waters
<input type="checkbox"/> Photo processing / X-ray developing waters		<input type="checkbox"/> Grease Trap/Grease Interceptor	
<input type="checkbox"/> Arsenic backwash from drinking water system		<input type="checkbox"/> Other: _____	

**All non-domestic users shall have a sampling manhole outside that provides access to the discharge from their facility.

***All Users with a discharge other than domestic sanitary waste (process waste water) shall have a sampling manhole outside that provides access to the waste stream without sanitary waste contribution.

D. Business Activity

1. If your facility employs or will be employing processes in any of the industrial categories or business activities listed below (regardless of whether they generate wastewater, waste sludge, or hazardous wastes), place a check beside the category of business activity (check all that apply).

Industrial Categories

<input type="checkbox"/> Aluminum Forming	<input type="checkbox"/> Leather Tanning and Finishing
<input type="checkbox"/> Metal Finishing	<input type="checkbox"/> Metal Molding and Casting
<input type="checkbox"/> Nonferrous Metals Forming and Metal Powders	<input type="checkbox"/> Nonferrous Metals Manufacturing
<input type="checkbox"/> Organic Chemicals, Plastics, and Synthetic Fibers	<input type="checkbox"/> Paint Formulating
<input type="checkbox"/> Paving and Roofing Materials (Tars and Asphalt)	<input type="checkbox"/> Pesticides Chemicals
<input type="checkbox"/> Petroleum Refining	<input type="checkbox"/> Pharmaceutical Manufacturing
<input type="checkbox"/> Rubber Manufacturing	<input type="checkbox"/> Porcelain Enameling
<input type="checkbox"/> Steam Electric Power Generating	<input type="checkbox"/> Pulp, Paper, and Paperboard Manufacturing
<input type="checkbox"/> Battery Manufacturing	<input type="checkbox"/> Soap and Detergent Manufacturing
<input type="checkbox"/> Carbon Black Manufacturing	<input type="checkbox"/> Timber Products Processing
<input type="checkbox"/> Copper Forming	<input type="checkbox"/> Builder's Paper and Board Mills
<input type="checkbox"/> Electroplating	<input type="checkbox"/> Coil Coating
<input type="checkbox"/> Glass Manufacturing	<input type="checkbox"/> Electric and Electronic Components Manufacturing
<input type="checkbox"/> Grain Mills	<input type="checkbox"/> Feedlots
<input type="checkbox"/> Inorganic Chemicals Manufacturing	<input type="checkbox"/> Fertilizer Manufacturing
	<input type="checkbox"/> Ink Formulating
	<input type="checkbox"/> Iron and Steel Manufacturing

A facility with processes inclusive in these business areas may be covered by Environmental Protection Agency's (EPA) categorical pretreatment standards. These facilities are termed "categorical users".

2. Is your business a categorical user? _____

If your business has process water that is greater than 25,000 gallons per day or contributes a process wastewater more than 5% of wastewater treatment plant's average dry weather hydraulic or organic capacity as defined in 40 CFR part 403.3(t) it is considered a Significant Industrial User.

3. Is your business a Significant Industrial User? _____

4. Appropriate Standard Industrial Code(s) (SIC) See edited table on pages 11-13 Table II:

E. Do you use, store, or discharge any acids, bases, or materials listed in Table I (attached)?

Yes No

F. Does the operation of your processes or wastewater treatment facility result in a residual residue or sludge type waste?

Yes No

G. Schedule of operations:

1. _____ Number Of Employees

2. _____ Hrs/day _____ days/wk _____ shifts/day _____ mos/yr _____

3. Size of the facility: _____

II. PROCESS AND PRODUCTS

A. Provide a complete list of products used or stored on the site, which appear on Table I (Consolidated Critical Materials List and Priority Pollutants List). If you use the trade name of proprietary chemicals that do not list contents on the package, indicate the trade names and manufacturer(s) at this time. You must write the manufacturer to request an OSHA Form 20 for each such substance, and provide POTW with the necessary information when available; i.e., use numbers, NOT chemical name, Table I:

B. Describe each process (**including flow diagrams and plumbing schematics**): _____

C. Is any of the enclosed information considered to be confidential?

Yes No

If yes, explain what and why. (All requests for confidentiality will be processed according to 40 CFR, Part 2): _____

D. Water Supply: Municipal Well Other (Explain): _____

E. Consumption Used: 1. _____ (ft³, gals per time unit)
 2. _____ (ft³, gals per time unit)

Consumption Total: _____

F. Does your facility have a Spill Prevention Control and Counter Measures Program (SPCC) (40 CFR 112) or Pollution Incident Prevention Plan (PIPP) (MDNR Rule 5)?

Yes No

III. PROCESS WASTEWATER

A. Identify outfall (Check Box): (Describe -- include line drawing(s) of process flows and all floor drain discharging to each outfall):

Surface waters. Name of receiving waters: _____
 Septic tank-tile field. Surface of ground. Storm sewer.
 Municipal sanitary sewer.
 Other _____

B. Volumes of discharge: Average Daily Flow: _____ gallons per day.

Maximum Daily Flow: _____ gallons per day.

Flow is: Measured Estimated

C. Type of wastewater Discharged to the POTW:

	Average Flow Rate	Maximum Flow Rate
Process		GPD
Domestic Waste		GPD
Non-Contact Cooling Water		GPD
Boiler Blow Down		GPD
Others: (List)		GPD
		GPD
		GPD
Total Flow Rate:		

*GPD is gallons per day.

D. Characteristics of discharge:

All current nondomestic users are required to submit monitoring data on all pollutants that are regulated specific to each process. Use table I provided at the end of this application as a guide. Attach all laboratory data and submit with this application.

E. Are drains (roof, parking lot, etc.) discharging into the sanitary sewer?

Yes No If yes, estimate area drained: _____ sq. ft.

IV. DISPOSAL PRACTICES (add extra pages, if necessary):

A. How do you dispose of spent chemicals? _____

1. Volume disposed of: _____

B. How do you dispose of spoilage? _____

C. How do you dispose of precipitates and/or sludges? _____

1. Volume disposed of: _____

D. Name of waste hauler: _____

License No. _____

E. Do you have pretreatment for your wastes: Yes No

If Yes is checked: Type: _____

Size: _____

Frequency of Operation: _____

If No is checked, where and how are the wastes disposed of:

To sanitary sewer To storm sewer Industrial waste hauler

Other- - - If other explain: _____

F. Do you have any air emission control equipment, which would discharge into the sewer system?

Yes No

G. Are any of the materials listed in Table I discharged with the wastes?

Yes No

If Yes, List by number from Table I: _____

V. SPILL PREVENTION (add extra pages if necessary):

A. List bulk materials stored on site (liquid, solids) including cleaning agents:

Material: _____ Volume: _____ Location In Plant: _____

Material: _____ Volume: _____ Location In Plant: _____

B. Is separate secondary containment provided for bulk materials?

Yes No

C. Is separate secondary containment provided for those processes which contain chemicals listed in Table I?

Yes No

D. Has separate storage been provided for those chemicals which cause hazardous reactions; i.e., acids with cyanide, acids with bases?

Yes No

VI. SAMPLING AND ANALYSIS

A. Are sampling points available for each?

1. Process Line Yes No
2. Outfall Yes No

B. Do you sample your process discharge(s)?

Yes No

C. Type of sample:

Grab Composite (time based) Composite (flow proportioned)

D. Is a sampling vault and/or manhole provided?

Yes No

E. Sampling schedule (i.e., 24-hour, during work hours, etc.): _____

F. What laboratory analysis (wastewater/solids) can be run on-site? _____

VII. MISCELLANEOUS

A. Describe any safety precautions to be observed by those visiting your site:

B. Contact Person: Name _____

Title _____ Phone _____

GLOSSARY

Except as otherwise expressly provided by this Glossary, the words and terms used in this application shall be as defined in the Sewer Use Ordinance available online at GCDCWWS.com.

“Composite Sample” means a series of individual samples collected on a flow or time proportional basis, taken at regular intervals over a specific time period, and combined into a single sample (formed either by continuous sampling or by mixing discrete samples) representative of the average stream during the sampling period. 24-Hour composite sampling is required for all SIUs. 24-hour composite samples must be obtained through flow-proportional composite sampling techniques, unless the Permittee demonstrates to the POTW Manager that time-proportional composite sampling or grab sampling will be representative of the Permittee’s discharge. For categorical sampling, a composite sample shall consist of at least four (4) individual samples taken within a 24-hour period.

“Secondary Containment” means if a tank or vessel storing a chemical ruptures, the secondary containment structure will prevent the loss of the chemical to the environment. Secondary containment should be provided with a volume of 150% of the storage vessel. All potentially polluting materials such as oil, acid, cyanide, etc., should be stored within a secondary containment structure, usually a concrete wall or earthen dike.

“Spent Chemicals” are chemicals that have exhausted their usefulness.

TABLE I: The following is a list of the U.S. Priority Pollutants consolidated with the current Critical Materials Register, compiled by the Michigan Department of Natural Resources.

ORGANICS

1.	acids	49.	tris(dibromopropyl) phosphate
2.	acenaphthene	50.	di-n-butyl phthalate
3.	acetone cyanohydrin	51.	3,3-dichlorobenzidine
4.	2-acetylaminofluorene	52.	3,3-dichlorobenzidine salts
5.	acrolein	53.	1,2-dichloroethane
6.	acrylic acid	54.	dichloroethylenes
7.	acrylonitrile	a.	1,1-dichloroethylene
8.	allyl chloride	b.	1,2-trans-dichloroethylene
9.	2-aminoanthraquinone	55.	dichloropropane & dichloropropene
10.	aminoazobenzene	a.	1,3-dichloropropylene; (1,3-dichloropropene)
11.	o-aminoazotoluene	b.	1,2-dichloropropane
12.	4-aminobiphenyl	56.	1,2:3,4-diepoxybutane
13.	3-amino-9-ethylcarbazole	57.	Diethyl sulfate
14.	1-amino-2-methylanthraquin	58.	4-dimethylaminoazobenzene
15.	aminotriazole (amitrole)	59.	Dimethylhydrazines
16.	aniline	60.	2,4-dimethylphenol
17.	aniline hydrochloride	61.	4,6-dinitro-o-cresol
18.	o-anisidine	62.	2,4-dinitrophenol
19.	o-anisidine hydrochloride	63.	2,4-dinitrotoluene
20.	benz(a)anthracene	64.	dinitrotoluene
21.	benzene	a.	2,6-dinitrotoluene
22.	benzidine	65.	di-n-octyl phthalate
23.	benzidine salts	66.	1,4-dioxane
24.	benzo(a)pyrene	67.	2,3-epoxy-1-propanal
25.	brucine	68.	ethylbenzene
26.	carbon tetrachloride	69.	ethylene dibromide
27.	chlorinated benzenes	70.	ethyleneimine
	a. chlorobenzene	71.	ethylene oxide
	b. 1,2,4-trichlorobenzene	72.	ethylene thiourea
	c. 1,2-dichlorobenzene	73.	bis(2-ethylhexyl) phthalate
	d. 1,3-dichlorobenzene	74.	ethylmethanesulfonate
	e. 1,4-dichlorobenzene	75.	fluoranthene
28.	chlorinated dibenzofurans	76.	2-(2-formylhydrazino)-4-(5-nitro-2-fury) thiazole
29.	chlorinated dioxins	77.	Haloethers
30.	chlorinated ethanes		a. 4-chlorophenyl phenyl ether
	a. 1,1,1-trichloroethane		b. 4-bromophenyl phenyl ether
	b. 1,1-dichloroethane		c. bis(2-chloroisopropyl) ether
	c. chloroethane		d. bis(2-chloroethoxy) methane
	d. 1,1,2,2-tetrachloroethane	78.	Halomethanes
31.	chlorinated naphthalene		a. methylene chloride; (dichloromethane)
	a. 2-chloronaphthalene		b. methyl chloride; (chloromethane)
32.	chlorinated phenols		c. methyl bromide; (bromomethane)
	a. 2-chlorophenol		d. bromoform; (tribromomethane)
	b. . parachlorometa-cresol		e. dichlorobromomethane
	c. 2,4-dichlorophenol		f. trichlorofluoromethane
33.	1-chloro-2,3-epoxypropane		g. dichlorodifluoromethane
34.	chloroalkyl ethers		h. chlorodibromomethane
	a. 2-chloroethyl vinyl ether (mixed)	79.	hexachlorobenzene (HCB)
35.	bis (2-chloroethyl) ether	80.	hexachlorobutadiene
36.	Chloroform	81.	hexachlorocyclohexane
37.	bis (2-chloromethyl) ether	82.	hexachlorocyclopentadiene
38.	3-(chloromethyl) pyridine hydrochloride	83.	hexachloroethane
39.	1-(4-chlorophenyl)-3,3-dimethyl triazene	84.	hydrazobenzene
40.	4-chloro-m-phenylenediamine	85.	hydroquinone
41.	4-chloro-o-phenylenediamine	86.	N-(2-hydroxyethyl) ethyleneimine
42.	Chloroprene	87.	isophorone
43.	5-chloro-o-toluidine	88.	lactonitrile
44.	p-cresidine	89.	malachite green
45.	2,4-diaminoanisole sulfate	90.	methylenebis(2-chloroaniline)
46.	4,4-diaminodiphenyl ether	91.	4,4-methylenebis(2-methylaniline)
47.	2,4-diaminotoluene	92.	4,4-methylenebis(N,N-dimethylaniline)
48.	dibenz(a,h)anthracene		

93.	1,2(methylenedioxy)-4-propenyl benzene	134.	styrene
94.	methyl hydrazine	135.	tetrachloroethylene (perchloroethylene)
95.	1-methylnaphthalene	136.	thioacetamide
96.	2-methyl-1-nitroanthraquinone	137.	4,4-thiodianiline
97.	mustard gas	138.	thiourea
98.	1,5-naphthalenediamine	139.	toluene
99.	1-naphthylamine	140.	o-toluidine
100.	2-naphthylamine	141.	o-toluidine hydrochloride
101.	5-nitroacenaphthene	142.	triaryl phosphate esters
102.	5-nitro-o-anisidine	143.	1,1,2-trichloroethane
103.	nitrobenzene	144.	trichloroethylene
104.	4-nitrobiphenyl	145.	trichlorophenols
105.	nitrogen mustard	146.	2,4,5-trimethylaniline
106.	2-nitrophenol	147.	trimethylphosphate
107.	4-nitrophenol	148.	vinylchloride
108.	Nitrosamines	149.	xylene
	a. N-nitrosodiphenylamine		
	b. N-nitrosodi-n-propylamine		
109.	N-nitroso-n-butyl-N-(4-hydroxybutyl)amine	A.	<u>INORGANICS</u>
110.	N-nitrosodiethylamine	150.	Antimony
111.	N-nitrosodimethylamine	151.	Arsenic
112.	p-nitrosodiphenylamine	152.	Beryllium
113.	N-nitroso-N-ethylurea	153.	Cadmium
114.	N-nitroso-N-methylurea	154.	Chromium
115.	N-nitroso-N-methylurethane	155.	Cobalt
116.	N-nitrosomethylvinylamine	156.	Copper
117.	N-nitrosomorpholine	157.	Cyanides
118.	N-nitroso-N-phenylhydroxyl-amine, ammonium salt	158.	Hypochlorite
119.	N-nitrososarcosine	159.	Lead
120.	pentachloronitrobenzene	160.	Lithium
121.	pentachlorophenol	161.	Mercury
122.	peroxyacetic acid	162.	Nickel
123.	phenol	163.	Selenium
124.	Phthalate esters	164.	Silver
	a. butyl benzyl phthalate	165.	Thallium
	b. diethyl phthalate	166.	Zinc
125.	piperonyl sulfoxide	B.	<u>INORGANICS</u>
126.	polybrominated biphenyls (PBB)	167.	Acids
127.	polychlorinated biphenyls (PCB)	168.	Chloramines
128.	Polynuclear aromatic hydrocarbons	169.	Chlorine
	a. 3,4-benzofluoranthene	170.	Hydrazine
	b. benzo(k) fluoranthene; (11,12-benzofluoranthene)	171.	Hydrogen sulfide
	c. chrysene	C.	<u>INORGANICS</u>
	d. acenaphthylene	172.	Asbestos (fibrous)
	e. anthracene	D.	<u>PESTICIDES</u>
	f. benzo(ghi) perylene; 1,12-benzoperylene	173.	Aldicarb
	g. fluorene	174.	Aldrin
	h. phenanthrene	175.	4-aminopyridine
	i. ideno(1,2,3-cd) pyrene; (2,3-0-phenylenepyrene)	176.	anilazine
	j. pyrene	177.	antimycin A
	k. naphthalene	178.	azinphos-ethyl
129.	1,3-propane sultone	179.	azinphos-methyl
130.	B-proplolactone	180.	barban
131.	5-propyl-1,3-benzodioxole	181.	bendiocarb
132.	propyleneimine	182.	benomyl
133.	semicarbazide	183.	bromoxynil
		184.	2(p-tert-butylphenoxy)-isopropyl-2-chloroethyl sulfite
		185.	captan

186.	captan	242.	phorate
187.	carbaryl	243.	phosazetim
188.	carbophenothion	244.	phosmet
189.	chlorodane	245.	phosphamidon
190.	chlordanone	246.	rotenone
191.	chlorfenvinphos	247.	silvex, propylene glycolbutyl ether ester
192.	chlorobenzilate	248.	sodium fluoroacetate
193.	chlorpyrifos	249.	strychnine
194.	clonitralid	250.	sulfallate
195.	coumaphos	251.	sulfotep
196.	crotoxyphos	252.	TDE
197.	cycloheximide	253.	TEPP
198.	DDT	254.	terbufos
199.	demeton	255.	tetrachlorvinphos
200.	diallate	256.	thiram
201.	diazinon	257.	toxaphene
202.	dibromochloropropane	258.	trichlorfon
203.	dichlone	259.	trichlorophenoxyacetic acid (2,4,5-T)
204.	dichlorvos	260.	trifluralin
205.	dichrotophos	261.	ziram
206.	dieldrin		
207.	dimethoate		
208.	dinocap	E.	<u>ADDITIONAL POLLUTANTS</u>
209.	dinoseb	262.	Acidity
210.	dioxathion	263.	Alkalinity
211.	disulfoton	264.	Bacteria
212.	endosulfan	265.	BOD ₅
213.	endrin	266.	COD
214.	EPN	267.	Chloride
215.	ethion	268.	Fluoride
216.	fensulfothion	269.	Hardness
217.	fenthion	270.	Magnesium
218.	fluchloralin	271.	Ammonia Nitrate
219.	heptachlor	272.	Oil and Grease
220.	heptachlor epoxide	273.	TSS
221.	Isomes of hexachlorocyclohexane	274.	TOC
a.	a-BHC-Alpha	275.	Kjeldahl Nitrogen
b.	b-BHC-Beta	276.	Nitrate N
c.	g-BHC-Delta	277.	Nitrite N
222.	leptophos	278.	Organic N
223.	malathion	279.	Orthophosphate P
224.	a. 4,4'-DDE;(p,p'-DDE)	280.	Phosphorus
	b. 4,4'-DDD;(p,p'-TDE)	281.	Sodium
225.	metabolites of endosulfan	282.	Specific Conductivity
	a. ensosulfan sulfate	283.	Sulfate (SO ₄)
226.	metabolites of endrine	284.	Sulfite (SO ₃)
	a. endrine aldehyde	285.	Sulfide (S)
227.	metabolites of heptachlor		
228.	methomyl		
229.	methoxychlor		
230.	methyl mercaptan		
231.	methyl parathion		
232.	mevinphos		
233.	mexacarbate		
234.	mirex		
235.	monocrotophos		
236.	naled		
237.	nicotine		
238.	nitrofen		
239.	oxydemeton-methyl		
240.	paraquat		
241.	parathion		

Table II

Note: This is an edited list.

<u>CODE</u>	<u>TITLE</u>	
	AGRICULTURE	
0100	Agricultural Production- Crops	2091
0200	Agricultural Production Livestock	2092
0211	Beef Cattle Feedlots	2200
0241	Dairy Farms	2300
0700	Agricultural Services	2400
		2420
		2430
		2440
		2448
		2450
		2490
		2491
1000	Metal Mining	2492
1011	Iron Ores	2500
1021	Copper Ores	
1081	Metal Mining Services	
1300	Oil & Gas Extraction	2600
1380	Oil & Gas Field Services	2611
1400	Nonmetallic Minerals	2621
1422	Crushed & Broken Limestone	2631
1440	Sand & Gravel	2640
1450	Clay & Refractory Minerals	2650
1470	Chemical & Fertilizer Minerals	2661
1492	Gypsum	
	CONSTRUCTION	2700
1500	General Building Contractors	2710
1600	Heavy Construction Contractors	2750
		2790
	MANUFACTURING	
2000	Food & Kindred Products	2800
2010	Meat Products	2810
2011	Meat Packing Plants & Slaughter Houses	2820
2020	Dairy Products	2830
2030	Canned Fruits & Vegetables	2840
2033	Canned Fruits & Vegetables	2850
2035	Pickles, Sauces, Salad Dressings	2860
2037	Frozen Fruits & Vegetables	2870
2040	Grain Mill Products	2890
2043	Cereal Breakfast Foods	2891
2047	Dog, Cat, & Other Pet Food	2892
2050	Bakery Products	2893
2060	Sugar & Confectionery Products	2899
2063	Beet Sugar	
2070	Fats & Oils	2900
2076	Vegetable Oil Mills	2911
2077	Animal & Marine Fats & Oils	2950
2080	Beverages	
2082	Malt Beverages	3000
2084	Wines, Brandy, & Brandy	3011
	Spirits	3069
2085	Distilled Liquors (except brandy)	3079
2086	Bottled & Canned Soft Drinks	
2087	Flavoring Extracts & Syrups	
2090	Misc Foods & Kindred Products	3100
		Canned & Cured Seafood
		Fresh Or Frozen Packaged Fish
		Textile Mill Products
		Apparel & Other Textile Products
		Lumber & Wood Products
		Sawmills & Planing Mills
		Millwork, Plywood, & Structural
		Members
		Wood Containers
		Wood Pallets & Skids
		Wood Buildings & Mobile homes
		Misc Wood Products
		Wood Preserving
		Particleboard
		Furniture & Fixtures
		PAPER & ALLIED PRODUCTS
		Pulp Mills
		Paper Mills (Except Building Paper)
		Paperboard Mills
		Misc Converted Paper Products
		Paperboard Containers & Boxes
		Building Paper & Board Mills
		PRINTING & PUBLISHING
		Newspapers
		Commercial Printing
		Printing Trade Service
		CHEMICALS & ALLIED PRODUCTS
		Industrial Inorganic Chemicals
		Plastic Materials & Synthetics
		Drugs
		Soap, Cleaners, & Toilet Goods
		Paints & Allied Products
		Industrial Organic Chemicals
		Agricultural Chemicals
		Misc Chemical Products
		Adhesives & Sealants
		Explosives
		Printing Inks
		Salt (By Evaporation)
		PETROLEUM & COAL PRODUCTS
		Petroleum Refining
		Paving & Roofing Materials
		RUBBER & MISC PLASTIC PRODUCTS
		Tires & Inner Tubes
		Fabricated Rubber Products
		Misc Plastic Products
		LEATHER & LEATHER

PRODUCTS	3471	Plating & Polishing
3111	3479	Metal Coating & Allied Services
	3480	Ordnance & Accessories
3200	3490	Misc Fabricated Metal Products
	3500	MACHINERY, EXCEPT ELECTRICAL
3220	3510	Engines & Turbines
3241	3520	Farm & Garden Machinery
3250	3530	Construction & Related Machinery
3260	3540	Metalworking Machinery
3270	3550	Special Industry Machinery
	3560	General Industrial Machinery
3271	3570	Office & Computing Machines
3273	3580	Refrigeration & Service Machinery
3274	3590	Misc Machinery (Except Electrical)
3275	3600	ELECTRIC & ELECTRONIC EQUIPMENT
3290	3610	Electric Distributing Equipment
3291	3620	Electric Industrial Apparatus
3292	3630	Household Appliances
3295	3640	Electric Lighting & Wiring Equipment
3297	3650	Radio & TV Receiving Equipment
	3660	Communication Equipment
3300	3670	Electronic Components & Accessories
	3690	Misc Electrical Equipment, Supplies
	3700	TRANSPORTATION EQUIPMENT
3310	3710	Motor Vehicles & Equipment
3312	3711	Motor Vehicles & Car Bodies
3313	3714	Motor Vehicles, Parts & Accessories
3315	3715	Truck Trailers
3316	3720	Aircraft & Parts
3317	3730	Ship & Boat Building & Repairing
3320	3740	Railroad Equipment
3321	3750	Motorcycle, Bicycles, & Parts
3322	3760	Guided Missiles & Space Vehicle Parts
3330	3790	Misc Transportation Equipment
3331	3792	Travel Trailers & Campers
3332	3795	Tanks & Tank Components
	3800	INSTRUMENTS & RELATED PRODUCTS
3362	3810	Engineering & Scientific Instruments
3390	3820	Measuring & Controlling Devices
3398	3830	Optical Instruments & Lenses
	3840	Medical Instruments & Supplies
3400	3850	Photographic Equipment & Supplies
	3860	MISC MANUFACTURING INDUSTRIES
3410	3870	Jewelry, Silverware, & Plated Ware
3420	3880	Musical Instruments
	3890	Toys & Sporting Goods
3440	3900	
3450	3910	
3460	3930	
3462	3940	
3463		
3465		
3470		

3950	Pens, Pencils, Office, & Art Supplies	7992	Public Golf Courses
3990	Misc Manufacturers	7996	Amusement Parks
	TRANSPORTATION	7997	Membership Sports & Recreation Clubs
4010	RAILROADS	8000	
4200	TRUCKING & WAREHOUSING	8050	HEALTH SERVICES
4210	Trucking (Local & Long Distance)	8060	Nursing & Personal Care Facilities
4214	Hauling Liquid Wastes	8070	Hospitals
4221	Farm Product Warehousing & Storage	8080	Medical & Dental Laboratories
4222	Refrigerated Warehousing		Outpatient Care Facilities
4230	Trucking Terminal Facilities		
4400	WATER TRANSPORTATION		
4430	Great Lakes Transportation		
4440	Transportation On Rivers & Canals		
4452	Ferries		
4454	Towing & Tugboat Service		
4460	Water Transportation Services		
4463	Marine Cargo Handling		
	SERVICES		
4900	ELECTRIC, GAS, & SANITARY SERVICES		
4911	Electric Services		
4925	Gas Production &/or Distribution		
4953	Refuse Systems		
5810	EATING & DRINKING PLACES		
6512	OFFICE BUILDINGS		
7000	HOTELS & OTHER LODGING PLACES		
7011	Hotels, Motels, & Tourist Courts		
7030	Camps & Trailer Parks		
7032	Sporting & Recreational Camps		
7210	LAUNDRY, CLEANING, & GARMENT SERVICES		
7215	Coin-Operated Laundries		
7391	LABORATORIES TESTING & RESEARCH		
7399	Water Softener Service		
7500	AUTO REPAIR SERVICES & GARAGES		
7530	Automotive Repair Shops		
7542	Car Washes		
7900	AMUSEMENT & RECREATION SERVICES		
7933	Bowling Alleys		
7940	Commercial Sports		
7941	Sport Clubs & Promoters		
7948	Racing (Including Track Operation)		

GENESEE COUNTY DRAIN COMMISSIONER WATER & WASTE SERVICES



Jeffrey Wright - DRAIN COMMISSIONER
G-4610 BEECHER ROAD - FLINT, MI 48532
PHONE (810) 732-7870 FAX (810) 732-9773

PLEASE COMPLETE ALL
FIELDS BELOW. AN
INCOMPLETE APPLICATION
WILL NOT BE PROCESSED.

APPLICATION REQUESTING A RESIDENTIAL EQUIVALENT UNIT (REU) AUDIT

BUSINESS NAME: _____

CONNECTION ADDRESS: _____

TENANT SPACE: _____ MUNICIPALITY: _____

PROPERTY OWNER: _____ PHONE: _____

PROPERTY OWNER ADDRESS: _____

BUSINESS CONTACT: _____ PHONE: _____

PROPOSED BUSINESS USE: _____ PID # _____

PREVIOUS BUSINESS USE: _____

HOURS OF OPERATION: _____

NUMBER OF EMPLOYEES ON LARGEST SHIFT: _____

TOTAL AREA OF BUSINESS/TENANT (INCLUDING ALL BASEMENTS AND LEVELS): _____

Please attach a letter from the local unit of government (LUG) to this application that indicates why the audit is being requested. LUG's shall also provide copies of all B-permits and confirm the total number of REUs purchased with this application.

PLEASE NOTE THAT A SIGNATURE FROM EACH ENTITY BELOW, ALONG WITH A REQUEST LETTER FROM THE LOCAL UNIT OF GOVERNMENT AS DETAILED ABOVE, IS REQUIRED TO CONDUCT THE AUDIT. THE BUSINESS CONTACT IS, HOWEVER, REQUIRED TO SIGN THE BOTTOM OF THIS FORM ACKNOWLEDGING THE FEE STATEMENT IN THE BOX BELOW.

PROPERTY OWNER SIGNATURE: _____ DATE: _____

PROPERTY OWNER EMAIL ADDRESS: _____

BUSINESS CONTACT SIGNATURE: _____ DATE: _____

BUSINESS CONTACT EMAIL ADDRESS: _____

LOCAL UNIT OF GOVERNMENT (LUG) SIGNATURE: _____ DATE: _____

Wholesale LUG: Does the existing sanitary sewer have capacity for this proposed business? YES NO

PLEASE NOTE: By signing this application you are giving The Genesee County Drain Commissioner's Office-Division of Water & Waste Services authorization to conduct an REU redetermination of the abovementioned property. This request is viewed by our office as an invitation to access your premises and buildings located on the referenced site. Once the audit has been completed, you will be notified by this office or by your local unit of Government. **THIS AUDIT MAY RESULT IN ADDITIONAL COUNTY CAPITAL IMPROVEMENT FEES (CCIF) DUE TO THIS OFFICE, AS WELL AS TAP-IN FEES DUE TO THE LOCAL UNIT OF GOVERNMENT. ANY CCIF DUE SHALL BE PAID PRIOR TO THE LOCAL UNIT OF GOVERNMENT ISSUING ANY PERMITS. CCIF ARE \$1,000.00 PER REU FOR SANITARY AND \$1,000.00 PER REU FOR WATER.**

Floor plan and plumbing plans shall be submitted with application.

BUSINESS CONTACT SIGNATURE
ACKNOWLEDGING STATEMENTS IN BOX ABOVE: _____ DATE: _____