SURVEY / APPLICATION FOR WASTEWATER DISCHARGE PERMIT

Introduction

The information collected in this permit application will be used as the basis for the Industrial Discharge Permit. It is very important that this application be filled out as accurately as possible. Unless otherwise stated, all items shall be filled out completely. If an item is not applicable, indicate by noting N/A. As with all sections, please type of print. Please note, any individual who knowingly falsifies any information requested on this permit application may be subject to fines and penalties as stated in Marion's Sewer Use Ordinance 36-1998. Also, in accordance with title 40 of the Code of Federal Regulations, Part 403, Section 403.14, information and data provided in this questionnaire which identifies the nature and frequency of discharge will be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CFR 403.14. Should a discharge permit be required for your facility, the information in this questionnaire will be used to issue the permit. The completed and signed application is to be mailed within thirty (30) days of your receipt.

Table of Contents

SURVEY / APPLICATION FOR WASTEWATER DISCHARGE PERMIT

Returning Application Checklist

Section A: Page 4 ☐

Section B: Page 6 ☐ Page 7 ☐
MSDS sheets for B-4, 5 & 7 (if applicable) ☐

Section C: Page 9 ☐
If Applicable:
SPCC ☐ RCRA ☐ Slug Control Plan ☐
Spill Response Procedures for C-5 ☐

Section D: Page 11 ☐ Page 12 ☐ Page 13 ☐
MSDS sheets for D-8 (If applicable) ☐

Section E: Page 15 ☐ Page 16 ☐ Page 17 ☐ Page 18 ☐ Page 19 ☐ Page 20 ☐
TOMP for E-8 (If applicable) ☐

Section F: Plant Layout 1 ☐ Plant Layout 2 ☐
Schematic Flow Diagram 1 ☐ Schematic Flow Diagram 2 ☐

Section G: New Permittees Only. Wastewater Discharge Laboratory Analysis ☐

Section H: Pollution Prevention Sheet ☐

Send complete application with attachments and enclosures to:

Marion Municipal Utilities
Wastewater Treatment Facility
Attn: Pam Kirklin, Pretreatment Coordinator
107 East Bond Avenue
Marion, IN 46952

SURVEY / APPLICATION FOR WASTEWATER DISCHARGE PERMIT

SECTION A - GENERAL INFORMATION

INSTRUCTIONS FOR SECTION A

Unless otherwise stated, all items shall be filled out completely. If an item is not applicable, indicate by noting N/A. As with all sections, please type or print.

1. The applicant business name should be that name which is used for official transactions or as appears on company's stationary.

2. The facility address should be the address of the plant or facility for which the Pretreatment Questionnaire is being submitted. Each plant operated by your company, if at a different address, may require a separate questionnaire. You should have been mailed a Pretreatment Questionnaire for each premise for which filing is required. If not, please indicate the additional facility addresses at the bottom of the page.

3. The mailing address, if applicable, is the address of the company's main headquarters.

4. The Signatory Official shall be a representative of the company with the authority to sign on behalf of the company for the particular production facility and certify the accuracy of information provided on official documents. A Plant Manager may be assigned such authority.

5. Often a person within the company, such as the Plant Engineer, is assigned the responsibility of dealing with matters concerning waste disposal. The name, title, address and phone of this alternate person should be provided.

6. Person to be contacted in case of emergency is that person who is directly responsible for the business' wastewater discharge to the City. That person may or may not be the same as numbers 4 and 5.

7. If the property is leased from another company or individual, indicate the Property Owner and their address.

Certification Statement - The Application must be signed and dated by the authorized company representative as defined under Code of Federal Regulations 40 CFR Part 403.12(1), or other agent of the business who has legal authority to bind the Applicant business. Also print or type the name of the person signing the Application.

Code of Federal Regulations 40 CFR Part 403.12(1) states that the official signing this application must be:

a. a responsible corporate officer (president, vice-president, secretary, or treasurer of the corporation) in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or
b. the manager of one or more manufacturing, production, or operation facilities employing more than 250 persons or having gross annual sales or expenditures exceeding $25 million, if authorized by the corporation to sign documents; or
c. a general partner or proprietor; or
d. a duly authorized representative of an individual designated by the regulation, so long as a written authorization is submitted to Sewer Utility Operations Division (SUOD) which specifies that the authorized person has a position of responsibility for the overall operation of the facility which generates the wastewater discharge, or responsibility for environmental matters for the company.

SECTION A - GENERAL INFORMATION

1. Applicant Business Name: _____

2. Address of facility discharging Wastewater:
   Street: _____
   City: _____ State: _____ Zip: _____

3. Mailing Address:
   Street: _____ P.O. Box #: _____
   City: _____ State: _____ Zip: _____

4. Signatory Official:
   Name: _____ Title: _____
   Mailing Address: _____
   City: _____ State: _____ Zip: _____

5. Person to be contacted about this application:
   Name: _____ Title: _____
   Phone: _____ FAX Number: _____
   e-mail Address: _____

6. Person to be contacted in case of emergency:
   Name: _____ Title: _____
   Day Phone: _____ FAX Number: _____
   Night Phone: _____ Pager #: _____
   Cell Phone: _____

7. Property Information:
   Property Owner: _____
   Mailing Address: _____
   City: _____ State: _____ Zip: _____

CERTIFICATION STATEMENT

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 for 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 fine and imprisonment for knowing violations.

Print Name _____ Title _____

Signature _____ Date _____

SURVEY / APPLICATION FOR WASTEWATER DISCHARGE PERMIT

SECTION B - PLANT OPERATIONS or PROCESSES

INSTRUCTIONS FOR SECTION B

1. Identify the primary operations which will convey a general idea of the type of manufacturing or service activities which take place at the facility address. For example, if you manufactured "Dairy Products" your primary operations might be:

   a. Receiving milk
   b. Bottling milk
   c. Condensing milk
   d. Ice cream manufacturing
   e. Dry milk manufacturing
   f. Cheese making
   g. Butter making

2. Include the applicable Standard Industrial Classification Code(s) (SIC NO.) if known for all activities. If more than one applies, list in descending order of importance. If not known, the SIC number may be found in the Standard Industrial Classification Manual published in 1972 as prepared by the Statistical Policy Division, Office of Management and Budget, Washington D.C.

   In this manual, industrial processes are classified into general major groups designated by two (2) digit numbers. Each of these major groups is then further subdivided into specific four (4) digit subheadings. For example: Food and Kindred Products = Major Group 20; Ice Cream and Frozen Desserts = 2024. The SIC number(s) reported should be four (4) digit numbers which best describe the various products or services provided.

3. Provide a detailed narrative description of the manufacturing, production, or service activities conducted on the premises as listed in B-1. Specify those processes which involve process wastewater or hazardous materials. (Use additional sheets if necessary.)

4. Products - List the types of products produced, giving the common or brand name or the proper or scientific name. Enter from your records the average and maximum amounts produced monthly for this activity form the previous calendar year. Attach additional pages if necessary. Please include MSDS sheets for each listed if applicable.

5. Raw Materials - List the types of raw materials, giving the common or brand name or the proper scientific name including the size of the largest storage container. Enter from your records the average amounts used monthly for this activity for the previous calendar year, and the maximum stored on site at one time. Attach additional pages if necessary. For example, if you are engaged in the production of phosphates, your raw materials may be:

   a. Potassium Hydroxide (Caustic Potash)
   b. Phosphoric Acid
   c. Sodium Carbonate (Soda Ash)
   d. Lime

   Attach additional pages if necessary. Please include MSDS sheets for each listed.

6. Check all additional activities conducted at your premise which are not the primary manufacturing or service activities as described in question B-1 above.

Solvents - List the types of solvents, giving the common or brand name or the proper scientific name including the size of the largest storage container, used for production purposes and other processes (i.e. cleaning, thinning...) Enter from your records the average amounts used monthly for this activity for the previous calendar year, and the maximum stored on site at one time. Attach additional pages if necessary Please include MSDS sheets for each listed.

Indicate whether your plant operations or processes (production of end products) are continuous throughout the year or your operation is seasonal. If seasonal, indicate periods of peak production.

Shift Information - Consider each shift on the basis of normal starting time with three shifts possible per 24-hour day. Only the periods of production or process operation including clean-up procedures are to be considered as shift work. The average number of employees per shift should include those office workers, executives and watchmen whose hours generally coincide with the times of production shifts.

SECTION B - PLANT OPERATIONS and PROCESSES

Primary Operations:

Standard Industrial Classification (SIC) Codes(s):

a.._____ b._____ c._____ d._____ e._____ f._____

Detailed narrative description of operations in B-1:

Products:

Product Name	Average Produced (per Month)	Maximum Produced (per Month)

Raw Materials:

Raw Material	Size of Largest Container (i.e.- gallons, lbs, etc.)	Rate of Handling/Usage (per Month or Year)	Maximum quantity on Site at any one time.

SECTION B - PLANT OPERATIONS and PROCESSES

Check all additional activities at your premises:

- ☐ Electroplating
- ☐ Flammables, Explosives Storage
- ☐ Food Preparation Service
- ☐ Laboratory
- ☐ Laundry, Cleaning
- ☐ Machine Shop
- ☐ Medical Care
- ☐ Painting, Finishing
- ☐ Paint or Ink Formulation
- ☐ Coating
- ☐ Zyglo
- ☐ Photographic Processing
- ☐ Plastics Processing
- ☐ Printing
- ☐ Repair Shop, Garage
- ☐ Research
- ☐ Rubber Processing
- ☐ Steam for Power Generation
- ☐ Warehousing
- ☐ Other (specify)

_____

_____

Solvents used:

Solvent Name	Size of Largest Container (gallons)	Rate of Handling/Usage (per Month or Year)	Maximum quantity on Site at any one time.	Method of Disposal

Seasonal variation? Yes ☐ No ☐

If YES, indicate periods of peak production:

_____

_____

_____

Shift Information:

Shift	Shift Worked (Yes/No)	Days per Week	Avg. # of Employees per Shift	Shift Start Time	Shift End Time
1st					
2nd					
3rd					

SURVEY / APPLICATION FOR WASTEWATER DISCHARGE PERMIT

SECTION C - PRODUCT STORAGE AND DISPOSAL PLANS

INSTRUCTIONS FOR SECTION C

1. Indicate whether your facility has a formal Spill Prevention Containment and Control Plan (SPCC), a RCRA Contingency Plan or a Slug Control Plan. If so, attach a copy and fill out only the information not found in attached Plan in questions C-2 - 5. A SPCC is a plan prepared by an industrial user to minimize the likelihood of a spill and to expedite control and cleanup activities should a spill occur.

2. Describe the facilities and practices for the storage and distribution of raw materials, solvents, chemicals, etc., including specific safeguards provided for the prevention of the introduction of these materials into the city sewer. (Use additional sheets if necessary.)

3. Describe the facilities and practices for the storage and disposal of waste materials generated either by the manufacturing process or in air and/or wastewater treatment. Include product name and description, type of waste, i.e., hazardous waste, special waste, etc., the amount generated per year and the method for disposal. (Use additional sheets if necessary.)

4. Check all security provisions and warning signs used at this facility.

5. Describe any spill response procedures to be followed in response to a spill. (Attach any forms used.)

Indicate if you dispose of any chemicals, solvents, sludges or hazardous materials as a result of your production processes. (This includes cleaning of equipment.) If yes, attach a description of each material, giving the composition, annual quantity and means of disposal.

Indicate the ultimate disposal site for sludges/residuals listed in C-6.

Indicate if you keep copies of manifests for waste hauled off site

SECTION C - PRODUCT STORAGE AND DISPOSAL PLANS

Spill Prevention, Containment and Control Plan (SPCC): Yes □ No □
RCRA Contingency Plan: Yes □ No □
Slug Control Plan: Yes □ No □

Description of storage, distribution and safeguards of raw materials, solvents, chemicals, etc.:

Facilities and practices of storage and disposal of waste materials:

Security provisions and warning signs:

- □ Lighting
- □ Fencing
- □ Security personnel
- □ Guard house
- □ Visitor passes
- □ Locked entrances to facility
- □ Locks on drain valves and pumps for chemical storage tanks
- □ Controlled Access
- □ Television monitoring in areas subject to spills
- □ Other, explain: _____

Spill Response Procedures:

Disposal of any chemicals, solvents, sludges or hazardous materials? Yes □ No □

Ultimate disposal site for sludges/residuals: _____

Copies of manifests for waste hauled off site? Yes □ No □

SURVEY / APPLICATION FOR WASTEWATER DISCHARGE PERMIT

SECTION D - WATER USAGE AND DISCHARGE INFORMATION

INSTRUCTIONS FOR SECTION D

Estimate the volume of intake water received in gallons per day for the preceding year for each area listed. The total water supply from Marion Utilities should be checked using recent water bills to verify the volumes. Indicate if the volume is estimated or calculated using actual figures (Measured). Process Wastewater is any water which, during manufacturing or processing, comes into direct contact with or results from the production of or use of any raw material, intermediate product, finished product, byproduct, or waste product.

List your company's water account numbers listed on your Marion Utility bills.

The use of any equipment or process to prepare raw water received at the plant for process application, cooling, boiler makeup, or other use should be indicated. Examples are: filters, ion exchange units, coagulation and precipitation units. The volume of any regenerated wastewaters discharged from these water treatments and conditioning processes should be included in D-4.

Estimate the wastewater discharged or lost in gallons per day for the preceding year. Under the column headed "Continuous / Batch" please indicate whether each type of waste stream (sanitary, process, boiler, cooling, etc.) is discharged in a constant stream (Continuous) or in controlled discharges (Batch). Water consumed by an industrial plant must be removed from the plant via some means, i.e., the water in and water out must be in balance. Therefore, the total gallons per day in D-1 should equal the total gallons in D-2. Much of the raw water after being used for processing, cleaning, cooling and other purposes is discharged to a sewer. Some water is removed from the premise by other means such as evaporation or shipped out in product. The quantities removed by such other means can often be determined from plant operational logs. Sometimes actual measurements using various types of metering devices are necessary.

If batch discharge is listed in # 4, indicate the average and maximum volume per discharge, the frequency of the discharges and from which source the discharge is from.

Describe how each process and contact cooling waste stream listed in D-4 is generated. (Use additional sheets if necessary)

List which chemicals and/or compounds and solvents listed for Section B-5&7 are associated with which Discharge source in D-4.

List the chemicals added to your facility's Contact Cooling, Non-contact Cooling, chiller or Boiler/Air Conditioner Feed make-up water. Attach copies of MSDS sheets for each chemical added. Please note that products with Molybdenum are regulated by Marion Utilities.

SECTION D - WATER USAGE AND DISCHARGE INFORMATION

Intake water sources and volumes:

Influent (Water In)

		Gallons per Day		
Water used for:	***Source Code [1]***	***Average***	***Maximum***	***Estimated / Measured***
Sanitary [2]				
Process				
Boiler/Air Conditioning				
Cooling - Contact				
Cooling - Non-contact				
Washing				
Irrigation				
Other:				
Total				

[1] Source Codes: a. municipal water supply b. private well c. surface water d. other:_____

[2] Sanitary flow may be estimated at 15 GPD per employee.

Water Account Numbers:

1._____ 2._____ 3._____ 4._____ 5._____

Raw water treatment or conditioning.:

Type of Water Treatment	**Treated Water used for:**

SECTION D - WATER USAGE AND DISCHARGE INFORMATION (Continued)

Wastewater discharge.:

Effluent (Water Out)

	Discharged To:	*Gallons per Day*		*Estimated / Measured*	*Continuous / Batch Discharge*
Water used for:	***Discharge Code[1]***	***Average***	***Maximum***		
Sanitary					
Process*					
Boiler/Air Conditioning*					
Cooling - Contact*					
Cooling - Non-contact*					
Washing					
Irrigation					
Other:					
Total					

[1] Discharge Codes: a. sanitary sewer b. facility pretreatment to sanitary sewer c. storm sewer d. natural outlet (pond, NPDES, etc) e. contained in product f. evaporation g. waste hauler h. recycled or recirculated i. other:_____

* Whenever possible, these values should be measured volumes, not estimated.

If batch discharge is listed in # 4 , provide the following information.:

Source	**Average Volume per Batch (Gallons)**	**Maximum Volume per Batch (Gallons)**	**Frequency of Occurrence (i.e. 1 per day or week)**

Description of process and contact cooling waste stream listed in D-4.:

SECTION D - WATER USAGE AND DISCHARGE INFORMATION (Continued)

The chemicals and/or compounds and solvents listed for Section B-5 are associated with which Discharge source in D-4.:

Chemical, Compound or Solvent	Affected Waste Stream

8. Chemicals added to Contact Cooling, Non-contact Cooling or Boiler/Air Conditioner Feed make-up water.:

Chemical	Added to which process:	Average amount used per month

SECTION E - PRETREATMENT

INSTRUCTIONS FOR SECTION E

Indicate pretreatment equipment or systems used for treating wastewater or residuals prior to discharge to the City sewer system or other means of disposal. Check as many as appropriate. Pretreatment refers to the physical, chemical, biological or other treatment of any industrial discharge prior to discharge to the sewer, for the purpose of

(a) Reducing the amount or concentration of any pollutant; or
(b) Eliminating the discharge or any pollutant; or
(c) Altering the nature of any pollutant characteristic to a less harmful state.

Describe any additional pretreatment equipment or processes under consideration. Include a specific timetable for completion.

List certified operator(s) for your wastewater treatment plant.

List plant sewer outlets, size and flow. Assign sequential numbers to each sewer.

Indicate if your facility has automatic sampling or monitoring equipment or continuous wastewater flow metering equipment currently in use or included in future plans.

List all other NPDES permits held by this facility. Include name to whom permit is issued, permit #, effective date and expiration date.

Indicate if your facility has any storm sewers, private wells, dry wells or abandoned water wells located on the property. A dry well is also referred to as a shallow drainage well, is any shallow hole dug or bored in the ground to allow surface storm water runoff, excess irrigation flow, or other drainage to percolate into the ground. It is typically constructed as a 10 to 20 feet deep boring of 2 to 4 feet diameter filled with cobbles and rocks and lined with a perforated corrugated metal pipe. They may be found in parking lots or other areas where drainage of storm water is required.

Indicate if your facility has a Toxic Organic Management Plan (TOMP) in place. If yes, please attach copy to survey/application when returning. A TOMP is a written plan submitted by industrial users in accordance with some categorical pretreatment standards as an alternative to TTO monitoring which specifies the toxic organic compounds used, the method of disposal used, and procedures for assuring that toxic organics do not routinely spill or leak into wastewater discharged to the POTW.

Check all Priority Pollutants that are suspected or known to be present in your manufacturing or service activities or generated as a by-product Volatile and semi-volatile compounds often have several synonyms. For those compounds marked by an asterisk (*), please refer to the attached Priority Pollutant Synonym Listing. However, the Chemical Abstract Service (CAS) Registry number is the same, regardless of the name. If you are unsure about the chemical content of any product, refer to the Material Safety and Data Sheet (MSDS) where you should find both names and CAS numbers for chemicals contained in the material. Please indicate by placing an "X" in the appropriate box by each listed chemical whether it is known to be absent, suspected to be absent, suspected to be present, or known to be present in your manufacturing or service activity or generated as a byproduct. For chemical compounds which are indicated to be "known present" please fill in the columns on annual usage and estimated loss to the sewer in pounds per year. Estimated loss to the sewer for a given pollutant may be calculated by using the following formula: (daily concentration value of pollutant) x (daily process flow rate) x (8.34) = Estimated loss /lbs per day. Next, multiply estimated loss/lbs per day by number of operating days in a year to obtain yearly loss to sewer.

Pretreatment equipment or systems used for treating wastewater or residuals. Check as many as appropriate:

____ Air Flotation
____ Biological Treatment: Type:_____
____ Centrifuge
____ Chemical Precipitation
____ Chlorination
____ Cyclone
____ Distillation
____ Evaporator
____ Filtration Type:_____
____ Flow Equalization
____ Grease or Oil Separation Type:_____
____ Grease Trap or Interceptor
____ Grit Removal
____ Ion Exchange
____ Neutralization, pH Correction
____ Ozonation
____ Rainwater Diversion or Storage
____ Reverse Osmosis
____ Screening
____ Sedimentation
____ Septic Tank
____ Solvent Separation
____ Ultraviolet Light
____ Other Chemical Treatment Type:_____
____ Other physical Treatment Type:_____
____ Other Pretreatment Type:_____
____ No Pretreatment Provided

Additional pretreatment equipment or processes under consideration.

Certified operator(s):

Name: _____Class: _____ Cert.#: _____ Exp. Date: _____
Name: _____Class: _____ Cert.#: _____ Exp. Date: _____

4. List plant sewer outlets, size and flow. Assign sequential numbers to each sewer.

Reference #	Sewer Size (Inches)	Description of Sewer Location	Average Flow (Gallons/Day)
001			
002			
003			
004			

SECTION E - PRETREATMENT (Continued)

5 Automatic sampling or monitoring equipment or continuous wastewater flow metering equipment.
Current: Flow Metering Yes □ No □

	Sampling Equipment	Yes ☐	No ☐
	Monitoring Equipment	Yes ☐	No ☐
Planned:	Flow Metering	Yes ☐	No ☐
	Sampling Equipment	Yes ☐	No ☐
	Monitoring Equipment	Yes ☐	No ☐

6. Other NPDES permits held by this facility.

Issued to: _____ Permit #: _____
Effective date: _____ Expiration date: _____

Issued to: _____ Permit #: _____
Effective date: _____ Expiration date: _____

Are any of the following located on the property?

Storm sewers	Yes ☐	No ☐	Dry wells	Yes ☐	No ☐
Private wells	Yes ☐	No ☐	Abandoned water wells	Yes ☐	No ☐

Toxic Organics Management Plan? Yes ☐ No ☐

SECTION E - PRETREATMENT (Continued)

Priority Pollutant Checklist:

Item #	Chemical Compound	CAS #	Known Absent	Suspected Absent	Suspected Present	Known Present	Annual Usage (lbs/yr)	Estimated loss to Sewer (lbs/yr)

1	asbestos (fibrous)							
2	cyanide							
3	antimony							
4	arsenic							
5	berylium							
6	cadmium							
7	chromium							
8	cooper							
9	lead							
10	mercury							
11	nickel							
12	selenium							
13	silver							
14	thallium							
15	zinc							
16	acenaphthene	183329						
17	acenaphthylene	208968						
18	acrolein	107028						
19	acrylonitrile	107131						
20	aldrin	309002						
21	anthracene	120127						
22	benzene	71432						
23	benzidine	92875						
24	benzo(a)anthracene*	56553						
25	benzo(a)pyrene*	50328						
26	benzo(b)fluoranthene	205992						
27	benzo(g,h,i)perylene*	191242						
28	benzo(k)fluoranthene*	207089						
29	a-BHC (alpha)	319						
30	b-BHC (beta)	846						
31	d-BHC (delta)	319857						
32	g-BHC (gamma)	319868						
33	bis(2-chloroethyl)ether*	319868						
34	bis(2-chloroethoxy)methane*	111911						

SECTION E - PRETREATMENT (Continued)

Priority Pollutant Checklist:

Item #	Chemical Compound	CAS #	Known Absent	Suspected Absent	Suspected Present	Known Present	Annual Usage (lbs/yr)	Estimated loss to Sewer (lbs/yr)
35	bis(2-chloroisopropyl)ether*	108601						

36	bis(chloromethyl)ether*	542881						
37	bis(2-ethelyhexyl)phthalate*	117817						
38	bromodichloromethane*	75274						
39	bromoform*	75252						
40	bromrmethane*	74839						
41	4-bromophenylphenyl ether	101553						
42	butylbenzyl phthalate	85687						
43	carbon tetrachloride*	56235						
44	chlordane	57749, 12789036						
45	4-chloro-3-methylphenol*	59507						
46	chlorobenzene	108907						
47	chloroethane*	75003						
48	2-chloroethylvinyl ether	110758						
49	chloroform*	67663						
50	chloromethane*	74873						
51	2-chloronaphthalene	90131						
52	chlorophenol (o,m,p)	95578						
53	4-chlorophenylphenyl ether	7005723						
54	chryene*	218019						
55	4,4'-DDD*	72548						
56	4,4'-DDE*	72559						
57	4,4'-DDT*	50293						
58	dibenzo(a,h)anthracene*	53703						
59	dibromochloromethane	124481						
60	1,2-dichlorobenzene*	95501						
61	1,3-dichlorobenzene*	541731						
62	1,4-dichlorobenzene*	106467						
63	3,3'-dichlorobenzidine	91941						
64	1,1-dichloroethane*	75353						
65	1,2-dichloroethane*	107062						
66	1,1-dichloroethene	75454						
67	trans-1,2-dichloroethene*	156605						

SECTION E - PRETREATMENT (Continued)

9. Priority Pollutant Checklist:

Item #	Chemical Compound	CAS #	Known Absent	Suspected Absent	Suspected Present	Known Present	Annual Usage (lbs/yr)	Estimated loss to Sewer (lbs/yr)
68	2,4-dichlorophenol	120832						

69	1,2-dichloropropane*	78875						
70	(cis & trans)1,3-dichlo-ropropene*	10061015 10061026						
71	dieldrin	60571						
72	diethyl phthalate*	84662						
73	2,4-dimethylphenol*	105679						
74	dimethyl phthalate	131113						
75	di-n-butyl phthalate	84742						
76	di-n-octyl phthalate*	117840						
77	4,6-dinitro-2-methylphenol*	534521						
78	2,4-dinitrophenol	51285						
79	2,4-dinitrotoluene	121142						
80	2,6-dinitrotoluene	606202						
81	1,2-diphenylhydrazine*	122667						
82	endosulfan I*	959988						
83	endosulfan II*	33213659						
84	endosulfan sulfate	1031078						
85	endrin	72208						
86	endrin aldehyde	7421934						
87	ethylbenzene	100414						
88	fluoranthene	206440						
89	fluorene*	83737						
90	heptachlor	76448						
91	heptachlor epoxide	1024573						
92	hexachlorobenzene*	118741						
93	hexachlorobutadiene	87683						
94	hexachlorocyclopentadiene*	77474						
95	hexachloroethane*	67721						
96	indeno(1,2,3-cd)pyrene*	193395						
97	isophorone*	78591						
98	methylene chloride*	75092						
99	naphthalene	91203						
100	nitrobenzene	98953						

SECTION E - PRETREATMENT (Continued)

10. Priority Pollutant Checklist:

Item #	Chemical Compound	CAS #	Known Absent	Suspected Absent	Suspected Present	Known Present	Annual Usage (lbs/yr)	Estimated loss to Sewer (lbs/yr)

101	2-nitrophenol*	88755						
102	4-nitrophenol*	100027						
103	n-nitrosodimethylamine*	62759						
104	n-nitrosodipropylamine*	621647						
105	n-nitrosodiphenylamine*	86306						
106	PCB-1016*	12674112						
107	PCB-1221*	11104282						
108	PCB-1232*	11141165						
109	PCB-1242*	53469219						
110	PCB-1248*	12672296						
111	PCB-1254*	11097691						
112	PCB-1260*	11096825						
113	pentachlorophenol	87865						
114	phenanthrene	85018						
115	phenol	108952						
116	pyrene	129000						
117	2,3,7,8-tetrachlorodi-benzo-p-dioxin*	1746016						
118	1,1,2,2-tetrachloroethane*	79345						
119	tetrachloroethene*	127184						
120	toluene*	108883						
121	toxaphene	8007352						
122	1,2,4-trichlorobenzene	87616						
123	1,1,1-trichloroethane*	71556						
124	1,1,2-trichloroethane*	79005						
125	trichloroethene*	79016						
126	2,4,6-trichlorophenol	88062						
127	vinyl chloride*	75014						
128	molybdenum							

SECTION E - PRETREATMENT (Continued)

11. Priority Pollutant Synonym Sheet:

CHEMICAL COMPOUND	SYNONYM	CHEMICAL COMPOUND	SYNONYM
benzo(a)anthracene	1,2-benzanthracene2,3-benzphenanthrene	(cis & trans)1.3-dichloropropene	(cis & trans)1,3-dichloropropylene

benzo(a)pyrene	3,4-benzopyrene	diethyl phthalate	ethyl phthalate
benzo(g,h,i)perylene	1,12-benzoperylene	2,4-dimethylphenol	2,4-xylenol
benzo(k)fluoranthene	11,12-benzofluoranthene	di-n-octyl phthalate	di(2-ethylhexyl)phthalate
g-BHC(gamma)	lindane	4,6-dinitro-2-methylphenol	4,6-dinitro-ortho-cresol
bis(2-chloroethyl)ether	2,2'-dichloroethyl ether	1,2-diphenylhydrazine	hydrazobenzene
bis(2-chloroethoxy)methane	2,2'-dichloroethyoxy methane	endosulfan I	a-endosulfan-alpha
bis(2-chloroisopropyl)ether	2,2'-dichloroisopropyl ether	endosulfan II	b-endosulfan-beta
bis(chloromethy)ether	(sym)dichloromethyl ether	fluorene	(alpha)-diphenylene methane
bis(2-ethylhexyl)phthalate	2,2'-diethylhexyl phthalate	hexachlorobenzene	perchlorobenzene
bromodichloromethane	dichlorobromomethane	hexachlorocyclopentadiene	perchlorocyclopentadiene
bromoform	tribromomethane	hexachloroethane	perchloroethane
bromomethane	methyl bromide	indeno(1,3,3-cd)pyrene	2,3-ortho-phenylene pyrene
carbon tetrachloride	tetrachloromethane	isophorone	3,5,5-trimethyl-2-cyclohexen-1-one
4-chloro-3-methylphenol	para-chloro-meta-cresol	methylene chloride	dichloromethane
chloroethane	ethylchloride	2-nitrophenol	para-nitrophenol
chloroform	trichloromethane	4-nitrophenol	ortho-nitrophenol
chloromethane	methyl chloride	N-nitrosodimethylamine	dimethyl-nitrosoamine
chrysene	1,2-benzphenanthrene	N-nitrosodipropylamine	N-nitroso-di-n-propylamine
4,4'-DDD	dichlorodiphenyldichloroethanep,p'-TDEtetrachlorodiphenylethane	N-nitrosodiphenylamine	diphenyl-nitrosoamine
4,4'-DDE	dichlorodiphenyldichloroethylenep,p'-DDX	PCB-1016	Arochlor-1016
4,4'-DDT	dichlorodiphenyltrichloroethane	PCB-1221	Arochlor-1221
dibenzo(a,h)anthracene	1,2,5,6-dibenzanthracene	PCB-1232	Arochlor-1232
dibromochloromethane	chlorodibromomethane	PCB-1242	Arochlor-1242
1,2-dichlorobenzene	ortho-dichlorobenzene	PCB-1248	Arochlor-1248
1,3-dichlorobenzene	meta-dichlorobenzene	PCB-1254	Arochlor-1254
1,4-dichlorobenzene	para-dichlorobenzene	PCB-1260	Arochlor-1260
1,1-dichloroethane	ethylidene chloride	2,3,7,8-tetrachlorodibenzo-p-dioxin	TCDD
1,2-dichloroethane	ethylene chlorideethylene dichloride	1,1,2,2-tetrachloroethane	acetylene tetrachloride
1,1-dichloroethene	1,1-dichloroethylene	tetrachloroethene	perchloroethylenetetrachloroethylene
(trans)-1,2-dichloroethene	acetylene dichloride1,2(trans)-dichloroethylene	toluene	methylbenzenetoluol
1,2-dichloropropane	propylene dichloride	1,1,1-trichloroethane	methyl chloroform
		1,1,2-trichloroethane	vinyl trichloride

SURVEY / APPLICATION FOR WASTEWATER DISCHARGE PERMIT

SECTION F - PLANT DRAWINGS

The following layouts are required to be submitted with your application. All drawings need to include: (1) the Building outline (including entrances and exits); (2) property lines; (3) a North arrow; (4) scale of drawing; and (5) a legend for symbols.

PLANT LAYOUT 1:	In addition to the above mentioned, plant layout 1must include: (1) all sewer lines (storm and sanitary) and their points of discharge to the municipal system (identify these lines with the reference #'s used in E-4); (2) location of water meter(s); (3) location of restrooms, showers and janitor or slop sinks.
PLANT LAYOUT 2:	In addition to the above mentioned, plant layout 2 must include: (1) location of all down spouts and storm inlets; (2) location of all floor drains; (3) location of raw chemical storage area(s); and (4) location of waste holding area(s). Indicate any devices, such as curbs, dikes or other spill control devices, provided for the protection of the sewer system for 3 and 4.
SCHEMATIC FLOW DIAGRAM 1:	For each major process in which wastewater is generated, draw a diagram of the flow of materials and water from start to completed product (include all listed in D-4 except for sanitary. Include: (1) location and identification of process discharges; (2) location and labeling of flow metering and/or pretreatment equipment;
SCHEMATIC FLOW DIAGRAM 2:	Draw a diagram of the pretreatment facilities listed in E-1. Include: (1) location of wastewater treatment system(s) and devices; (2) sampling locations; (3) location and labeling of flow metering equipment; (4) Describe the loading rates, design capacity, physical size, etc. of each pretreatment facility

SECTION G - WASTEWATER CHARACTERISTICS

New Permittees Only

Attach the most recent laboratory analysis data which characterizes the wastewater discharge to the sewer system. A full scan of pollutants listed present and believed to be present in Appendix A will be required for new discharge permits unless exempted by Marion Utilities. Laboratory data should include pH, TSS, BOD_5, metals and total toxic organics (TTO). Indicate sampling location, date and time of sample location, type of sample collected (i.e. grab or composite), type of container and analytical methods used by the laboratory to achieve results.

If no sampling data is available, sampling and analysis MUST be performed on the wastewater discharge. The sample must be collected, preserved and analyzed in accordance with the latest edition of Standard Methods for the Examination of Water and Wastewater. The sample must reflect typical facility operations and must be collected during normal production activity.

SECTION H - POLLUTION PREVENTION

The US EPA is emphasizing Pollution Prevention / Source Reduction and Recycling as better alternatives to treatment and disposal of waste materials. On a separate sheet, describe any changes made to your facility during the past three years (or longer if you wish) such as altering raw materials used, replacing or reducing the amount of toxic or hazardous substances in your process or treatment system, etc., in any of the following areas:

COMPLETE REPLACEMENT of any substance in use at your facility with one which is more environmentally safe.

REDUCTION in the use of a toxic or hazardous material.

IN HOUSE RECYCLING of a product formerly treated and/or discharged or disposed of.

RECYCLING off-site of a product formerly treated and/or discharged or disposed of.