

Michigan Water Resources Commission  
 Act 293 Reports  
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 Lansing, Michigan 48901

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ATTENTION PERSON IN CHARGE OF ENVIRONMENTAL ACTIVITIES.



MICHIGAN WATER RESOURCES COMMISSION

**WASTEWATER REPORT FORMS AND INSTRUCTIONS**

Completion And Return Of This Form Is Required By State Law  
 Deadline for filing is *December 15, 1974.*

This booklet contains the necessary forms and instructions for reporting of wastewater and critical materials data to comply with Michigan Act 293, P.A. 1972. ~~All businesses which discharge wastewater to the waters of the State (including groundwaters), or wastewater in addition to sanitary sewage to any sewer system are required to file this annual report.~~

A separate report is required for each location at which your company does business.

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### GENERAL INSTRUCTIONS

Information supplied in this report should reflect your company's operation during calendar year 1974. This will necessitate preparing the report prior to the end of the reporting period in order to meet the December 15, 1974, filing deadline. In the event of significant change in wastewater disposal after the report has been filed, an amendment to the report outlining the change should be filed. Also, an interim report is required when:

1. The use of a critical material not previously reported is commenced during the year, or
2. Usage or discharge of a critical material increases sufficiently to move the level of usage or discharge into a higher category on the critical materials report (Form III, Page 9).

Whatever the nature of your business and resulting waste disposal practices take the time to completely and accurately fill out the forms since surveillance fees will be calculated using data directly from the forms. Any omission of data affecting the fee calculation will automatically result in the entering of the maximum value for that factor in the calculation formula.

Read the instructions carefully and fully before beginning to complete the forms. Refer to page 14 for examples of completed forms properly filled out for an imaginary company. The examples are followed by an explanation of the surveillance fee calculation based on the return submitted by the same company.

#### EXTRA FORMS ORDER BLANK

<p>Company Name (please print) _____</p> <p>ATTN: _____</p> <p>Address _____</p> <p>City _____ State _____ Zip _____</p>	<p>Please send the following extra forms</p> <table border="1"> <thead> <tr> <th>Description</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>ENTIRE BOOKLET . . . . .</td> <td>_____</td> </tr> <tr> <td>FORM I . . . . .</td> <td>_____</td> </tr> <tr> <td>FORM II . . . . .</td> <td>_____</td> </tr> <tr> <td>FORM III . . . . .</td> <td>_____</td> </tr> <tr> <td>FORM IV . . . . .</td> <td>_____</td> </tr> </tbody> </table>	Description	Number	ENTIRE BOOKLET . . . . .	_____	FORM I . . . . .	_____	FORM II . . . . .	_____	FORM III . . . . .	_____	FORM IV . . . . .	_____
Description	Number												
ENTIRE BOOKLET . . . . .	_____												
FORM I . . . . .	_____												
FORM II . . . . .	_____												
FORM III . . . . .	_____												
FORM IV . . . . .	_____												

If you need extra forms to complete your return you may duplicate any you wish from this booklet or complete the information above and return to:

**Michigan Water Resources Commission  
Act 293 Reports  
P.O. Box 70  
Lansing, Michigan 48901**

If you have any questions or require help in completing the forms you may call the following person for assistance:

**Jerry Fore  
(517) 373-2867**

# FORM I — GENERAL INFORMATION

A separate report is required for each location at which your company does business. If you have sold your facilities at this address please indicate the new owner's name and address below and return the form to us.

<p style="font-size: small;">002834T <i>Plainwell Paper Co Inc</i>  <del>WEYERHAEUSER CO</del>                  PAPER CO                  200 ALLEGAN ST                  PLAINWELL MI                  _____</p>	<p style="font-size: x-large; font-weight: bold;">030027</p>	<p style="font-size: x-large; font-weight: bold;">49080</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------	-------------------------------------------------------------

If any part of this mailing label is incorrect please use the space below to correct it.

If you have sold the business to the person listed below please check here

PLAINWELL PAPER CO. INC.  
NAME OF COMPANY

\_\_\_\_\_  
PLANT NAME OR ATTENTION OF

200 ALLEGAN STREET  
STREET ADDRESS OR BOX NUMBER

PLAINWELL ALLEGAN 49080  
CITY STATE ZIP CODE

WRC USE ONLY				
7	U			
1	Primary	D	Level	No. SIC 17
18-19	Rating	18-19	Acc. Prov.	

1. Do you or did you own or operate a business (commercial or industrial) in the state of Michigan during any part of 1974?
- A.  Yes. In the space below briefly describe your business then continue with question 2.
- B.  No. Skip questions 2 thru 8, sign the report and see page 10 for mailing instructions.

2. Did the operation of your business result in the discharge of ANY wastewater (including cooling water and sanitary sewage from toilets, washrooms, etc.). OR removal of liquid waste by a wastehauler?
- A.  Yes. Continue with question 3.
- B.  No. Skip questions 3 thru 8, sign the report and see page 10 for mailing instructions.

3. Is ALL of your wastewater sanitary sewage? (Note: Sanitary sewage includes wastewater from toilets, washrooms, drinking fountains, kitchens, laundries (except dry cleaning wastes) and other sanitary facilities which may produce human waste. Sanitary waste does NOT include cooling water, condenser water, or process wastewater.)
- A.  Yes. Continue with question 4.
- B.  No. Skip question 4. Continue with question 5. You must complete and attach Form II, page 7.

4. If ALL of your wastewater is sanitary sewage does it go to a septic tank or a municipal sanitary sewer?
- Yes. Septic Tank
- Yes. Sanitary sewer (Note: lagoons are not included in either of these categories)
- If you marked either of the above skip questions 5 thru 8, sign the report, and see page 10 for mailing instructions.
- No. Continue with question 5 You must complete Form II, page 7.

5. Is any portion of your wastewater hauled away by a wastehauler or are you a wastehauler?  
 Yes. Continue with question 6. You must complete and attach Form IV-A or Form IV-B whichever is applicable.  
 No. Continue with question 6.

6. Do you use or discharge to the best of your knowledge any of the critical materials listed on page 13?  
 Yes. Continue with question 7. You must complete and attach Form III, page 9.  
 No. Continue with question 7.

7. A. Please refer to page 5 and copy the appropriate standard industrial classification code in the box below (if none are applicable leave blank).

2161211

- B. Describe in detail the primary activities that generate wastewater at this facility.

Continue with question 8.

8. Schedule of operation

24 hours/day      7 days/week      52 weeks/year  
 \_\_\_\_\_ hours/day      \_\_\_\_\_ days/week      \_\_\_\_\_ weeks/year  
 \_\_\_\_\_ hours/day      \_\_\_\_\_ days/week      \_\_\_\_\_ Weeks/year

Phone Number <u>(616) 615-5858</u>	Number of Employees <u>7</u>	Federal Employer Withholding Tax Account Number* <u>7 381943712</u>
Name and Title of Person Completing Report (please print) <u>SUPERVISOR</u> <u>IMPROVEMENT</u>	Signature <u>[Signature]</u>	

\*This account number will be available from your personnel or accounting department.

SEE PAGE 10 FOR MAILING INSTRUCTIONS



## INSTRUCTIONS FOR FORM II

Note that information is to be reported separately for each outfall. An outfall, for purposes of this report, is considered to be any point at which wastewater enters the waters of the State (including groundwaters) or a sewer system. Complete a section of information for each wastewater discharge (multiple municipal sanitary sewer connections may be summarized as one outfall). If more than two outfalls are to be reported, Form II may be duplicated or additional copies will be supplied on request (use order blank page 2).

**ITEM A** — In the spaces provided first copy the six digit facility identification code number from the upper left hand corner of the mailing label (leave blank if number does not appear on label). Next, in the spaces marked **OUTFALL NUMBER**, number each outfall reported using any numbering system of not more than two digits. If you submit Monthly Operating Reports enter the appropriate station number in the spaces so marked.

**ITEM B** — Circle the number corresponding to the type of discharge. For surface water discharges list the name of the receiving water. A **DISCHARGE TO A STORM SEWER** which directly enters a watercourse is a **SURFACE WATER DISCHARGE** and must be reported as such. Lagoons with an outlet to surface waters must be reported as surface water discharges. Discharges to combined storm-sanitary sewer systems may be reported as municipal sanitary sewer discharges. For groundwater discharges specify the type of groundwater disposal by circling the appropriate subgroup under the groundwaters heading. For discharges to a sanitary sewer system list the name of the municipality operating the system.

**ITEM C** — Flow figures (Average, Minimum and Maximum) are to be reported in the appropriate spaces in units of million gallons per day (MGD). For example:

500 gallons per day	=	. . . 0, 0, 0, 5	MGD
5,000 gallons per day	=	. . . 0, 0, 5	MGD
50,000 gallons per day	=	. . . . 0, 5	MGD
500,000 gallons per day	=	. . . . . 5	MGD
5,000,000 gallons per day	=	. . . . . 5	MGD
5,555,000 gallons per day	=	5, . . 5, 5, 5	MGD

Note that decimal points are coded as digits. Round off flow figures as necessary to fit in the space provided. The average daily flow figure should be based on the number of days during the year on which the outfall discharged.

$$\text{Average Daily Flow} = \frac{\text{total outfall discharge volume for the year}}{\text{number of days discharge took place}}$$

except for lagoons, which should report

$$\text{Average Daily Flow} = \frac{\text{Total influent volume for the year}}{\text{number of days during which influent took place}}$$

Note: For lagoons, the average Daily Flow and Maximum Daily Flow are the same.

Indicate whether flow figures reported were measured or estimated by placing a check in the correct box.

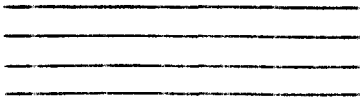
**ITEM D** — Indicate the type of wastewater discharged by the outfall in relative percentages adding up to 100 percent. For purposes of this report, sanitary wastewater includes human sewage only, and cooling and condenser wastewater includes only uncontaminated water resulting from these practices. All other forms of wastewater are considered process wastewater.

**ITEM E** — Use this item to indicate months of operation of the outfall during calendar year 1974. If the outfall operated for the full year check this box. If the outfall began and/or ended operation during the year or if it was used only a few months or days list the date(s). If the outfall operated intermittently (on and off several times) indicate the number of days of discharge.

**ITEM F** — Briefly describe the nature and source of the wastewater from this outfall, a description of the outfall and the geographical location of the outfall. Location may be indicated by any of the following methods: Latitude and longitude in degrees, minutes and seconds; Tier, Range and section along with feet north and east of the southwest corner of the section; river miles upstream from the mouth of the river; distance from the nearest bridge along with the name of the road the bridge is on; nearest cross streets for sewer connections, or street address of a sewer connection point may be used where applicable. A marked and scaled map may be enclosed to satisfy the location requirement.



FOLD HERE SECOND



PLACE  
FIRST CLASS  
STAMP  
HERE

**MICHIGAN WATER RESOURCES COMMISSION  
ACT 293 REPORTS  
P. O. Box 70  
LANSING, MICHIGAN 48901**

FOLD HERE FIRST

**Michigan Water Resources Commission**  
**CRITICAL MATERIALS REGISTER**  
**Published October 1, 1974**

I. INORGANIC MATERIALS	Parameter Number		Parameter Number
Antimony	95000	Mercury	95006
Arsenic	95001	Nickel	95007
Cadmium	95002	Selenium	95008
Chromium	95003	Silver	95009
Copper	95004	Sulfides	95015
Cyanides	95014	Thallium	95010
Lead	95005	Zinc	95012

II. ORGANIC MATERIALS	Parameter Number		Parameter Number
Acridine	95017	Hexachlorobenzene (HCB)	95040
Acrolein	95018	Hexachlorobutadiene (HCBD)	95041
Aldrin	95067	Hydroquinone	95027
Ammonia	95089	Isoprene	95059
Amyl Acetate	95052	Lactonitrile	95028
Anilines (incl. Benzidines)	95043	Mesitylene	95060
Benzaldehyde	95021	Mesityl Oxide	95029
Benzene (Solvent)	95020	Naphthol	95031
Benzyl Bromide	95022	Naphthenic Acid	95032
Beta propriolactone	95019	Nitrobenzenes	95047
Butyl Alcohol	95053	Phenolic compounds	95048
Butyraldehydes	95044	Phenanthrene	95035
Butyric Acid	95054	Phthalates	95049
Carbon Disulfide	95055	Picramates (nitro-phenols)	95063
Chlorinated Benzene Compounds	95045	Polychlorinated biphenyls (PCB's)	95039
Crotonaldehyde	95056	Pyridines	95050
Cumene	95057	Quinoline	95036
DDT	95068	Quinone	95037
Dichloropropane	95023	Styrene	95061
Dieldrin	95069	Tordon	95065
Diethylbenzene	95024	Toxaphene	95072
Endrin	95070	Vinyl Toluene	95062
Ethyl Acrylate	95058	Xylenes	95064
Heptachlor	95071	<u>2-4-5 T (and its formulations)</u>	95066



## HOW SURVEILLANCE FEES ARE CALCULATED

Surveillance Fees are determined by applying the following formula

$$\text{SURVEILLANCE FEE} = \text{ADMINISTRATIVE FEE} - (\text{VOLUME BASE FEE} \times \text{SURVEY FACTOR}).$$

- I. Administrative Fee = \$50.00
- II. Volume Base Fee is determined from the total of the average daily discharges of all outfalls (based on days when discharge occurs) as specified in Rule 237 - page 20

This total volume excludes:

- a. Discharges of waste to a sanitary sewer unless the discharge is likely to create injuries to the waters of the State as specified in Rule 240.
- b. Discharges of sanitary waste to a septic tank-tile field system, unless the discharge requires surveillance by the Water Resources Commission.

- III. The Survey Factor is determined for each outfall from the following subfactors which are weighted as indicated.

	Minimum Value	Maximum Value
a. Variability = $\frac{\text{Outfall Maximum Daily Flow}}{\text{Outfall Average Daily Flow}}$	1	5
b. Dilution = $\frac{\text{Outfall Average Daily Flow}}{(0.1) \text{ (7-day, 10-yr. drought flow)}}$	0	10
c. Designated use of the receiving water <sup>1</sup>	4	20
d. Category I waste constituents, 2xN <sup>2</sup>	0	None
e. Category II waste constituents, 4xN <sup>2</sup>	0	None
f. Category III waste constituents, 8xN <sup>2</sup>	0	None
g. Critical material factor <sup>3</sup>	0	10
h. Latest rating of facility waste control <sup>4</sup>	0	15
i. Provisions for accident prevention	0	5
j. Number of outfalls, 2xN	0	None
k. Difficulty of waste survey	0	10
l. Intensity of area surveillance <sup>5</sup>	0	10

<sup>1</sup>Designated uses are as follows: Domestic water supply — 20 points; Coldwater fish intolerant species — 20 points; Recreation total body contact — 16 points; Warm water fish intolerant species — 12 points; Industrial water supply — 8 points; Commercial — 4 points.

<sup>2</sup>Categories of typical waste constituents are listed on page 17

<sup>3</sup>Critical materials are listed on page 13.

<sup>4</sup>Ratings are as follows: Adequate waste control — 0 points; Inadequate waste control — 15 points.

<sup>5</sup>Areas designated for intensive surveillance are listed on page 18.

An *Outfall Survey Factor* for each outfall is determined by totaling the points assigned each subfactor and dividing the total by 10. No outfall survey factor will be less than 1.0.

An *Adjusted Survey Factor* for each outfall is determined by multiplying the outfall survey factor by the ratio of outfall Average Daily Flow/Total Plant Average Daily Flow.

A *Proportional Survey Factor* for the entire facility is determined by totaling the adjusted survey factors.

The surveillance fee is then calculated by multiplying the *Volume Base Fee* by the *Proportional Survey Factor* and adding the *Administrative Fee* of \$50.

An adjustment factor from Rule 236(2) will be used to adjust the total of all fees to the legislative appropriation.

## SURVEILLANCE FEE SAMPLE CALCULATION

This calculation is based on information obtained from the completed sample forms on page 14.

Outfall No. 1: Non-contact cooling water to river	.130 MGD
Outfall No. 2: Plating wastes to seepage/Lagoon	.012 MGD
Total Average Daily Flow	.142 MGD

Surveillance fee = Administrative fee + (volume base fee x survey factor)

I Administrative Fee = \$50.00		
II Volume base fee = \$80.00 for 142,000 gallons per day (from rules page 20)		
III Survey Factor	Outfall No. 1	Outfall No. 2
A. Variability (Max. Flow/Avg. Daily Flow)	1.3	1.75
B. Dilution (Avg. Daily Flow/Drought Flow x 0.1)	0.0	0.0
C. Designated Use No. 1 = Intolerant Fish-Warmwater Species	12.0	
No. 2 = Water Supply - Domestic		20.0
D. Waste Constituents	No. 1	No. 2
Category I (N x 2) Temp	2.0	2.0
Category II (N x 4) Oil	4.0	4.0
Category III (N x 8) ----- Cr <sup>+6</sup> , Cu	0.0	16.0
E. Critical Materials Present	0.0	10.0
F. Annual Rating	0.0	0.0
G. Accident Prevention Provisions	0.0	0.0
H. Number of Outfalls (N x 2)	4.0	4.0
I. Survey Difficulty	4.0	1.0
J. Extent of Area Surveillance	10.0	0.0
TOTAL	37.3	58.75

$$\begin{aligned}
 \text{Proportional Survey Factor} &= [3.73 \times (.130/.142)] + [5.88 \times (.012/.142)] \\
 &= (3.73 \times .91) + (5.88 \times .08) \\
 &= 3.39 + 0.47 \\
 &= 3.86
 \end{aligned}$$

$$\begin{aligned}
 \text{Fee} &= \$50. + (80 \times 3.86) \\
 &= \$359.00
 \end{aligned}$$

Note: The fee may be adjusted upward or downward so that the sum of all fees equals the legislative appropriation.

## TYPICAL WASTE CONSTITUENTS

<i>Category I</i>	<i>Category II</i>	<i>Category III</i>
01. Temperature	10. Alkalinity	50. Total Phosphorus
02. pH	11. Hardness	51. Kjeldahl Nitrogen
03. Conductivity	12. Acidity	52. Phenol
04. Color	13. DO	53. Cyanide
05. Turbidity	14. BOD	54. TOC
	15. Ammonia	55. COD
09. Other	16. Nitrate	
	17. Soluble Ortho-P04	<i>Bacteria-</i>
	<i>Major Ions-</i>	56. Total Coliform
	18. Sodium	57. Fecal Coliform
	19. Potassium	58. Fecal Streptococcus
	20. Magnesium	
	21. Calcium	<i>Heavy Metals-</i>
	22. Chloride	59. CR+6
	23. Sulfate	60. Cu
	24. Sulfide	61. Zn
	<i>Solids-</i>	62. Cd
	25. Total Solids	63. Pb
	26. Suspended Solids	64. Hg
	27. Settleable Solids	65. Se
	28. Dissolved Solids	66. Ag
	29. Susp. Volatile Solids	67. Fe
	<i>Radioactivity-</i>	68. Mn
	30. Alpha Radiation	69. Ni
	31. Beta Radiation	70. Al
	32. Gamma Radiation	71. Sb
	<i>Minor Ions-</i>	72. Ba
	33. Bromide	73. Be
	34. Sulfite	74. Co
	35. Boron	75. Mo
	36. Silicon	76. Tl
	37. Nitrite	77. Sn
	38. Oil and Grease	78. Ti
	39. Organic Extractibles	79. Cr+3
	40. Anionic Surfactants	
	41. Chlorine	80. Arsenic
		81. Fluoride
	49. Other	82. Specific Radionuclides
		83. Pesticides, PCB's Chlorinated Hydrocarbons
		84. Specific Organic compounds
		90. Other

Typical waste constituents are categorized by the relative expense of performing the analyses and sample collection requirements. Changes and additions may be made to this list.

# INTENSIVE SURVEILLANCE AREAS

1. Anna River and South Bay at Munising.
2. Au Sable River at Oscoda.
3. Bad Axe Creek below Bad Axe.
4. Battle Creek River from Charlotte to 10 miles downstream.
5. Belle River below Imlay City.
6. Berry Drain below Sandusky
7. Betsie Lake.
8. Black River below Bessemer.
9. Black River below Croswell.
10. Black River from Wadhams to the mouth.
11. Black River from Zeeland to Lake Macatawa.
12. Carp River — entire river.
13. Cass River from Cass City to Saginaw River.
14. Chain of Lakes below Coldwater.
15. Cheboygan River at Cheboygan.
16. Chippewa River below Mt., Pleasant.
17. Clam River below Cadillac.
18. Clinton River from Pontiac to the mouth including Red Run.
19. Detroit River — entire river.
20. Duff Creek below Marlette.
21. Ecorse River — entire basin.
22. Elk River below Elk Lake.
23. Escanaba River at Escanaba.
24. Flat River downstream from Greenville and Belding.
25. Flint River from Flint to Fosters.
26. Flint River, South Branch and Main Branch from Lapeer to Mott Lake.
27. Gourdneck Creek below Vicksburg.
28. Grand River from Eaton Rapids to Lansing.
29. Grand River from Grand Ledge to Portland.
30. Grand River from Grand Rapids to the mouth, including Plaster Creek.
31. Grand River from Jackson-Ingham County line to Onondaga.
32. Grand River from Jackson to Jackson-Ingham County line.
33. Grand River from Lansing to Grand Ledge.
34. Grand River from Michigan Center to Jackson.
35. Hayworth Creek below St. Johns.
36. Huron River from Dexter through Ford Lake.
37. Huron River from downstream end of Ford Lake to mouth, including Willow Creek.
38. Huron River from Wixom to Dexter.
39. Iron and Brule River below Iron River.
40. Kalamazoo River from Albion to Galesburg, including Battle Creek below Emmet Street.
41. Kalamazoo River from Comstock to Kalamazoo-Allegan County line, including Portage Creek below Cork Street.
42. Kalamazoo River from Kalamazoo-Allegan County line to Lake Allegan.
43. Lake Erie shoreline from Estral Beach to Maumee Bay.
44. Lake Huron at Harbor Beach.
45. Lake Macatawa.
46. Lake Michigan in the vicinity of the Dow outfall.
47. Lake Michigan in the vicinity of the DuPont outfall.
48. Lake Michigan in the vicinity of the PCA outfall.
49. Lake St. Clair Shoreline from Clinton River to Windmill Point.
50. Little Bay de Noc.
51. Lookingglass River below DeWitt
52. Manistee Lake.
53. Manistique River at Manistique.
54. Mann Creek below Fennville.
55. Mona Lake and Tributaries.
56. Muskegon Lake and Tributaries.
57. Ontonagon River and Harbor at Ontonagon.
58. Paint Creek from Lake Orion to Rochester.
59. Paw Paw River below Hartford.
60. Pere Marquette Lake and tributaries.
61. Pine River below Alma — St. Louis.
62. Red Cedar River from East Lansing to the confluence with the Grand River.
63. Red Cedar River from Fowlerville to East Lansing.
64. Rifle River, West Branch below West Branch.
65. River Raisin, South Branch from Adrian to the confluence with the Main Branch.
66. River Raisin from the confluence with the South Branch to the mouth.
67. River Rouge — entire basin.
68. Saginaw Bay and lesser tributaries.
69. Saginaw River — entire main branch.
70. Saline River from Saline to 10 miles downstream.
71. Shiawassee River, South Branch below Howell.
72. Shiawassee River from Holly to Linden.
73. Shiawassee River from Linden to Genesee-Shiawassee County line.
74. Shiawassee River from Shiawassee-Saginaw County line to Fergus.
75. Shiawassee River from Genesee-Shiawassee County line to Owosso.
76. Shiawassee River from Owosso to 10 miles downstream.
77. St. Joseph River from Hillsdale to Jonesville.
78. St. Joseph River from Three Rivers to Indiana Border.
79. St. Joseph River from the Indiana border (near Bertrand) to Berrien Springs, including McCoy Creek.
80. St., Joseph River in the Benton Harbor-St. Joseph area, including Ox and Hickory Creeks.
81. St. Marys River at Sault Ste. Marie.
82. Swan Creek below Bronson.
83. Sycamore Creek from Mason to the confluence with the Red Cedar River.
84. Thunder Bay and Thunder Bay River at Alpena.
85. Tittabawassee River from Midland to Midland-Saginaw County line.
86. Tittabawassee River from Midland-Saginaw County line, downstream.
87. White Lake and tributaries.
88. White Pigeon River below White Pigeon.

**STATE OF MICHIGAN**

**Sections 6b and 13 of  
Act 293, Public Acts of 1972**

AN ACT to amend the title and sections 6, 7, 8 and 10 of Act No. 245 of the Public Acts of 1929, entitled as amended . . . . .

Sec. 6b. Every person, doing business within this state discharging waste water to the waters of the state or to any sewer system, which contains wastes in addition to sanitary sewage shall file annually reports on forms provided by the commission setting forth the nature of the enterprise, a list of materials used in and incidental to its manufacturing processes and including by-products and waste products, which appear on a register of critical materials as compiled by the commission with the advice of an advisory committee of environmental specialists designated by the commission and the estimated annual total number of gallons of waste water including but not limited to process and cooling water to be discharged to the waters of the state or to any sewer system. The information shall be used by the commission only for purposes of water pollution control. The commission shall provide proper and adequate facilities and procedures to safeguard the confidentiality of manufacturing proprietary processes except that confidentiality shall not extend to waste products discharged to the waters of the state. Operations of a business or industry which violate this section may be enjoined on petition of the water resources commission to a court of proper jurisdiction. The commission shall promulgate rules as it deems necessary to effectuate the administration of this section, including where necessary to meet special circumstances, reporting more frequently than annually.

Sec 13. (a) In order to provide for increased surveillance, investigation, monitoring and other activities necessary to provide greater protection of the quality of waters of this state, an annual surveillance fee is payable by a person, company, corporation, but not a municipality, discharging water borne waste directly or indirectly into any waters of the state from any manufacturing facility; or from any other commercial establishment which may generate a discharge inconsistent with the protection of waters of the state. The fees shall be for the cost of surveillance of industrial and commercial discharges and receiving waters. The cost of necessary surveillance of municipal discharges shall not be financed from revenues so derived but may be provided otherwise by law. In any year, the total surveillance fees assessed on discharges shall not exceed the total amount appropriated to the commission and other appropriate state agencies for the surveillance, monitoring and related activities necessary to adequately assess the impact of commercial and industrial wastewater discharges on waters of the state.

(b) On or before February 1 of each year the commission shall inform each such discharger and the state treasurer of the annual surveillance fee due, from each plant location or major manufacturing component and commercial enterprise as provided by rules.

(c) On or before March 1 of each year a discharger shall pay to the state treasurer the amount of surveillance fee due who shall deposit it in the general fund of the state. The treasurer shall report the total annual amount collected to the governor and the legislature on or before April 15 of each year.

(d) The annual surveillance fee shall be based on an administrative fee of \$50.00 and an additional fee set by the commission. The additional fee shall be determined on a graduated basis using a formula developed by rules of the commission. The formula shall include the volume and nature of discharge, number of discharge locations, variability of flow volume, stream characteristics, laboratory tests required, area surveillance, difficulty of survey setup, history of compliance and provisions for compliance and such other factors as the commission deems appropriate to establish the total annual surveillance fee. The maximum annual fee assessed shall not exceed \$9,000.00 per manufacturing location. Discharges into a municipal sewerage system shall be assessed only the \$50.00 administrative fee unless such discharge after municipal treatment is or may become injurious to the waters of the state as set forth in section 6 in which event the assessment will be based upon the same considerations as if the discharge after treatment were being discharged by the manufacturing facility or commercial establishment directly into the waters of the state. The commission shall promulgate such rules as are necessary to implement this section.

Note: Copies of Act No. 245, P.A. 1929 are available from the Michigan Water Resources Commission upon request.

**DEPARTMENT OF NATURAL RESOURCES  
WATER RESOURCES COMMISSION  
GENERAL RULES**

Filed with Secretary of State.  
These rules take effect 15 days after filing with the Secretary of State.

(By authority conferred on the water resources commission by sections 2, 6b and 13 of Act No. 245 of the Public Acts of 1929, as amended, being sections 323.2, 323.6b and 323.13 of the Michigan Compiled Laws.)

**Part 9: Wastewater Reporting and Surveillance Fees**

R 323.1231: Definitions A to G.

Rule 231. (1) "Act" means Act No. 245 of the Public Acts of 1929, as amended, being sections 323.1 to 323.13 of the Michigan Compiled Laws of 1948, and the act which these rules implement.

(2) "Advisory committee" means the group of environmental specialists created under section 6b of the act.

(3) "Commission" means the water resources commission of the department of natural resources.

(4) "Critical materials" means organic and inorganic substances, elements or compounds which are listed in a register compiled by the commission.

R 323.1232: Definitions H to W.

Rule 232. (1) "Hazardous materials" means oil and salt including but not limited to petroleum, gasoline, fuel oil, grease, sludge, oil refuse, oil mixed with waste, sodium chloride and calcium chloride, in solid or liquid form.

(2) "Legislative appropriations conversion factor" means a factor which is used to adjust surveillance fees upward or downward, so that the total of annual surveillance fees will equal the Legislative appropriation designated for industrial and commercial surveillance activities for a fiscal year.

(3) "Person" means an individual, partnership, association, corporation or any commercial or industrial entity doing business in the state which discharges wastewater but does not include a municipal corporation, or a governmental unit or agency thereof.

(4) "Sewer system" means enclosed pipes and conduits which conduct wastewater to a wastewater treatment facility and are owned or operated by county, metropolitan district, city, village or other public body created by or pursuant to state law.

(5) "Wastewater" means both liquid waste discharges resulting from industrial or commercial processes, including cooling and condensing waters, and sanitary sewage from industrial or commercial facilities.

(6) "Waters of the state" means surface and underground waters including lakes, rivers, streams, open drainage conduits and all other watercourses and waters within the state and also the Great Lakes bordering thereon, except non-potable underground waters utilized incidentally to gas and oil well operations that are subject to permit and surveillance under Act No. 61 of the Public Acts of 1939, as amended, being Sections 319.1 to 319.27 of the Michigan Compiled Laws.

R 323.233: Register of critical materials.

Rule 233. A register of critical materials as initially compiled by the commission shall be published during the month of October 1971 by 1 of the methods prescribed by section 42 of Act No. 306 of the Public Acts of 1969, being section 24.242 of the Michigan Compiled Laws. Copies shall be made available to the public upon request. The register may be revised annually by the commission upon receipt of advice from the advisory committee. A revision shall be published in the same manner as the initial register and shall become effective only on the next annual anniversary date thereof.

R 323.1234: Wastewater reports, contents and forms.

Rule 234. (1) A report shall be filed under section 6b and section 13 of the act by every person doing business within the state who either discharges wastewater to the waters of the state, or who discharges wastewater in addition to sanitary sewage to a sewer system. The report shall be on forms provided by the commission and shall set forth in detail:

- (a) Name, location and nature of the enterprise or operation.
- (b) Normal schedule of hours and days of operation of the enterprise.
- (c) A fair estimate of the annual total number of gallons of wastewater which are to be discharged to the waters of the state or to any sewer system.

(d) Name of the watercourse or waters into which the wastewaters are discharged.

(e) A description of each point at which wastewaters enter the waters of the state, a sewer system or are disposed of by percolation underground.

(f) A list of those materials used in and incidental to operation of the business or manufacturing enterprise, which appear on the register of critical materials.

(g) A list of those critical materials listed on the register, including the annual amounts thereof, which are to be disposed of as waste products or by-products to the waters of the state, or any sewer system.

(h) Other information as needed for implementation of sections 6b and 13 of the act.

(2) Not later than October 1 of each year of the year for which reports are due, the commission shall mail a standardized reporting form and a register of critical materials to each person affected by section 6b and these rules.

R 323.1235: Wastewater reports, filing and confidentiality.

Rule 235. (1) A wastewater report shall be filed annually with the commission not later than December 15 of each year. The reporting period is the calendar year in which the report is filed.

(2) An interim report shall be filed promptly when:

- (a) The use of critical materials not previously reported is commenced during any year, or
- (b) The amounts of critical materials used or discharged increase sufficiently to move the level of usage into a higher category on the annual critical materials report.

(3) A person doing business in more than 1 location shall file a separate report for each location.

(4) The information on the critical materials listed in an annual report as being used in and incidental to manufacturing operations shall be available to the public unless the releaser thereof would, in the opinion of the commission after petition by the person filing the report, fail to protect the confidentiality of proprietary manufacturing processes.

R 323.1236: Surveillance fees calculation.

Rule 236. (1) The annual surveillance fee shall be calculated by the following formula: annual fee = \$50.00 administrative fee + (graduated volume base fee x survey factor).

(2) A legislative appropriations conversion factor may be applied by the commission to all annual surveillance fees for the fiscal year to adjust the total amount of fees to be received to the legislative appropriation designated for industrial and commercial surveillance activities for that fiscal year.

(3) The maximum fee for each industrial or commercial location shall be \$9,000.00.

R 323.1237: Volume base fees.

Rule 237. The volume base fee shall be on a graduated basis as follows:

Average Wastewater Discharge Volume Based on Days When Discharge Occurs (Million Gallons Per Day)		Volume Base Fee
less than	.002	\$ 10.00
.002 but less than	.003	15.00
.003 but less than	.005	20.00
.005 but less than	.010	25.00
.010 but less than	.025	30.00
.025 but less than	.050	40.00
.050 but less than	.075	50.00
.075 but less than	1	65.00
1 but less than	2	80.00
2 but less than	3	100.00
3 but less than	5	125.00
5 but less than	10	175.00
10 but less than	25	250.00
25 but less than	100	500.00
100 but less than	100.0	1000.00
100.0	and over	1000.00

R 323.1238: Survey factor.

Rule 238. (1) Determination of the survey factor used in calculation of a surveillance fee shall be based upon the following subfactors:

- (a) The flow variability of waste effluent flow.
- (b) The volume of the waste effluent flow related to flow conditions at the receiving waters.
- (c) The waste effluent as related to the critical nature of the receiving water as indicated by its protected designated uses for public water supplies, cold water intolerant fish, total body contact, warm water intolerant fish, industrial water use and commercial water use.
- (d) The waste constituents to be monitored. This factor shall include the number of constituents to be monitored in addition to the relative costs of collection and analysis.
- (e) The frequency of surveillance required as related to the presence of critical materials.
- (f) The frequency of surveillance as related to the recent history of facility performance.
- (g) The facility's provisions for the handling and containment of hazardous and critical materials.
- (h) The number of locations at which wastewater is discharged from the facility.
- (i) The difficulty of survey setup including but not limited to the physical and geographical problems encountered in surveillance.
- (j) The amount of surveillance to be conducted in the area where the wastewater is discharged.
- (k) The survey factor shall not be less than 1.0.

R 323.1239: Contested fees.

Rule 239. A person who contests a fee established by the commission shall be afforded opportunity for a hearing thereon in accordance with Act No. 308 of the Public Acts of 1969, as amended, being sections 24.201 to 24.215 of the Michigan Compiled Laws of 1948, and the commission rules of procedure.

R 323.1240: Notice of fees due.

Rule 240. On or before February 1 of each year, the commission shall notify each person owing a surveillance fee, of the amount thereof which is due. The notice shall set forth the administrative fee and the calculations used in establishing the total fee due. If an assessment is added to the administrative fee for wastewater discharges to a sewer system, the notice shall specify the substances in the waste which are likely to create injuries to the waters of the state after the treatment provided by the municipality or other governmental unit.

R 323.1241: Exemptions from surveillance fees.

Rule 241. A person whose wastewater discharges are less than 2,000 gallons per day if made to the ground, or are less than 10,000 gallons per day if made to a sewer system, or consist only of sanitary sewage discharged to a sewer system, is exempt from payment of the annual surveillance fee on such discharges unless, in the opinion of the commission, they require surveillance by the state.

R 323.1242:

Rule 242. (1) A person who fails to file timely an annual or interim report, fails or fails to provide any information required by Rule 234, after being notified by certified mail thereof by the commission, shall have 10 days, after the date of mailing thereof, in which to file the report or corrected or supplemental information. Upon failure to comply, the commission may notify the person of the alleged violation and set a date for a hearing thereon to show cause why operation of the business or industry should not be enjoined. After the hearing, the commission shall determine if a violation exists and the action to be taken thereon.

(2) Rule 3 with reference to appearance and Rule 6 with reference to the designation of a hearing officer, of the General Rules of the commission, apply to a hearing held under this rule.

(3) A person who does not pay the surveillance fee in full on or before March 1 of each year, commencing March 1, 1972, is subject to penalties specified in section 18 of the act.