SOUTH ESSEX SEWERAGE DISTRICT
50 FORT AVENUE, P.O. BOX 989
SALEM, MA 01970
(978)744-4550

# WASTEWATER DISCHARGE PERMIT APPLICATION

All items must be answered for this application to be considered complete. If an item is not applicable, indicate "N/A". Please print or type all information. Attach additional pages as required.

## Section A - General Information

1. Facility Name:_____

_____

Business Name (if different):_____

_____

Applicant is: ( )Corporation ( )Partnership ( )Other

Date of Incorporation:_____State of Incorporation:_____

List Officers, Partners, or Principals_____

_____

2. Facility Address:_____

_____

3. Mailing Address (if different):_____

_____

4. Facility Telephone:_____ FAX Number:_____

5. The property is ( )owned or ( )leased by the Applicant. If leased, place property owners name and address in the space provided:

_____

_____

6. Check one. ( )Existing Discharge ( )Proposed Discharge
If proposed discharge, anticipated start date:_____

7. Name, Title, Signature and telephone number of Authorized Representative(s)* of the Applicant. List all personnel that are to be authorized representatives. The first named will receive all correspondence directed from the District to the Applicant(unless otherwise specified). All written correspondence to the District must be signed by an Authorized Representative of the Applicant.

a. Name:_____Title:_____

Signature:_____Telephone Number:_____

b. Name:_____Title:_____

Signature:_____Telephone Number:_____

c. Name:_____Title:_____

Signature:_____Telephone Number:_____

d. Name:_____Title:_____

Signature:_____Telephone Number:_____

*The *Authorized Representative* of the User is defined as: Either: (a) a principal executive officer of at least the level of vice-president, if the User is a corporation; (b) the owner or operator of a facility from which a discharge originates; (c) a general partner or proprietor, if User is a partnership or proprietorship, respectively; (d) a duly authorized representative of a municipality or local body or other governmental agency; or (e) a duly authorized representative of the individual designated above, if such representative is responsible for the overall operation of the facility from which the discharge of wastewater originates.

## Section B - Product / Service / Business Information

1. Federally Regulated Processes. **Complete *APPENDIX A* now.**
( ) I have reviewed Appendix A and have checked all industrial categories which apply to this facility.

2. Provide a brief description of all processes and/or unit operations that occur or will occur at this facility:

_____

_____

_____

_____

3. Provide a list of products and/or services performed at this facility. Where applicable indicate the quantity produced and/or the number of services rendered in a calendar year:

_____

_____

_____

4. Indicate all applicable Standard Industrial Classification (SIC) Code(s) for business activities:

| | SIC Code | Short Title |
|---|---|---|
| a. | _____ | _____ |
| b. | _____ | _____ |
| c. | _____ | _____ |
| d. | _____ | _____ |

5. Provide a list of raw materials used at this facility. **Complete *APPENDIX B* now.**
( ) I have reviewed Appendix B and completed it as required.

6. Number of Employees:_____ Hours of work:_____ (Circle all that apply) Days: (S) (M) (T) (W) (T) (F) (S)

7. Indicate dates of predictable seasonal variation and/or shutdown of operations at this facility:

_____

_____

_____

8. Are any process changes or expansions planned during the next four years that would alter wastewater volumes or characteristics? ( )YES ( )NO

If yes, briefly describe these changes and their effects on the wastewater volume and characteristics:

_____

_____

_____

## Section C - Water Supply

1. Water Sources: (Check all that apply)
   - ( ) City/Town (specify)_____
   - ( ) Private Well
   - ( ) Surface Water
   - ( ) Other (specify)_____

2. Name and address on the water/sewer bill(s):_____

_____

_____

3. Water/sewer service account number(s).

a._____ b._____ c._____

d._____ e._____ f._____

4. List last twelve-month consumption from the water bill(s):_____ This consumption

covers the annual period starting Month/Year: _____/_____ and ending Month/Year:_____/_____

Units of consumption are : ( ) cubic feet ( ) hundred cubic feet ( ) gallons

**ATTACH COPIES OF THE WATER BILL(S) FOR EACH METER.**

5. Describe any water treatment and/or water conditioning systems utilized to treat incoming water. Also describe its function and/or maintenance.

_____

_____

_____

_____

## Section D - Sewer Connection

1. Are any new sewer connections and/or changes to existing connections planned in the next four (4) years?
( ) YES ( ) NO

2a. Does the facility have a septic or holding tank? ( ) YES ( ) NO
2b. Are the contents pumped out and disposed at the District? ( ) YES ( ) NO

3. Is the facility presently connected directly or indirectly to the public sanitary sewer system, which discharges to the South Essex Sewerage District?
( ) YES Continue
( ) NO And the answer to 2a. or 2b. above is "NO", skip to Section H

If yes, list all facility sewer connections made directly to the public sewer system or made directly to a private sewer line which connects to the public sewer system, when applicable. If more than three, attach additional pages.

| Connection Number | Sewer Size | Descriptive Location of Sewer Connection | Average Flow Gals/Day |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

4. Schematic Flow Diagram: For each major activity in which wastewater is or will be generated, draw a diagram of the flow of materials, products, water and wastes from the start of the activity to its completion, showing all unit processes. Indicate which processes use water and which generate wastestreams.

5. Building Layout Diagram: Provide drawings for each building on the premise. Show the location of water meters, pretreatment facilities, chemical storage areas, floor drains, unit processes (from Schematic Flow Diagram), street names, wells, sewer line connections, storm catch basins and drainage lines.

## Section E - Wastewater Discharge Information

1. Does this facility discharge any non-domestic wastewater to the public sewer and/or septic / holding tank?
   ( ) YES Continue
   ( ) NO Skip to Section H

2. **Complete *APPENDIX C* now.**
( ) I have reviewed Appendix C and completed it as required.

## Section F - Characteristics of Wastewater Discharge

1. **Complete *APPENDIX D* now.**
( ) I have reviewed Appendix D and completed it as required.

2. Are any monitoring results of the wastewater discharge available for this facility? ( ) YES ( ) NO

   If yes, have all analyses been previously submitted to SESD? ( ) YES ( ) NO

3. Are any wastes discharged to the sewer system from this facility, which, if otherwise disposed of, would be hazardous waste under 40 CFR part 261? ( ) YES ( ) NO

4. Identify current or potential wastewater monitoring point(s) below._____

_____

## Section G - Industrial Pretreatment

1. Wastewater treatment constitutes removal of pollutants prior to discharge or the elimination of a discharge. Is any form of wastewater treatment performed at this facility? ( ) YES ( ) NO

   If no, skip to question 9 in this section.

2. Identify the treatment units and/or processes used for treating wastewater and sludges at this facility. Check all that apply.

( ) Adsorption - type_____
( ) Biological Treatment -type:_____
( ) Centrifuge
( ) Chemical Precipitation
( ) Chlorination
( ) Cyanide Destruction
( ) Dissolved Air Flotation
( ) Evaporative Processes - type_____
( ) Filtration - type:_____
( ) Flow equalization
( ) Gas/Oil Separator - type:_____
( ) Grease trap - size:_____
( ) Grit Removal
( ) Hexavalent Chromium Reduction
( ) Ozonation
( ) pH Neutralization
( ) Reverse Osmosis
( ) Screening
( ) Sedimentation
( ) Sludge Dewatering - type_____
( ) Ultrafiltration
( ) Other - specify:_____
specify:_____

3. Have any treatment units and/or processes been added, deleted or modified in the past four (4) years?
( ) YES ( ) NO

If yes, identify all changes:_____

_____

4. Has the wastewater treatment system at this facility been graded by the Massachusetts Department of Environmental Protection? ( ) YES ( ) NO

If yes, identify the grade assigned and the year that the grading was received._____

_____

5. List the name, grade and certificate number of all Massachusetts Certified Wastewater Treatment Operators employed at this facility.

_____

_____

6. Does this facility have a written operations and maintenance manual for the pretreatment system?
( ) YES ( ) NO

If yes,

a. Has a copy been submitted to the District? ( ) YES ( ) NO
**If no, attach a copy to this application.**

b. Have any changes been made in the past four (4) years? ( ) YES ( ) NO
**If yes, attach a description of the changes**.

7. Do non-domestic wastewater discharges take place when wastewater treatment personnel are not in the facility?
( ) YES ( ) NO

8. Has an "as built" plan of the pretreatment system been submitted to the District? ( ) YES ( ) NO
**If no, attach a copy to this application.**

Have any changes been made to the pretreatment system in the past four (4) years? ( ) YES ( ) NO
**If yes, attach a revised plan and a description of the changes.**

9. Spill Prevention / Slug Discharge:

Does this facility have floor drains in processing and/or chemical storage areas? ( ) YES ( ) NO

Several federal regulations and the District may require a facility to prepare a formal written emergency response plan detailing actions to be taken in the case of a release from your facility. Does this facility have a formal written emergency response plan of this type? ( ) YES ( ) NO

If yes,

a. has a copy been submitted to the District? ( ) YES ( ) NO
**If no, attach a copy to this application**

b. have any changes been made to this document in the past four (4) years? ( ) YES ( ) NO
**If yes, attach a description of the changes**.

10. Toxic Organic Management Plan:

Does this facility have a Toxic Organic Management Plan? ( ) YES ( ) NO

If yes,

a. has a copy been submitted to the District? ( ) YES ( ) NO
**If no, attach a copy to this application**

b. have any changes been made to this document in the past four (4) years? ( ) YES ( ) NO
**If yes, attach a description of the changes**.

## Section H - Non-Discharged Wastes

1. Are any waste materials removed from this facility which are subject to Hazardous Waste law, are considered a Special Waste or are regulated as part of any Federal or State law? ( ) YES ( ) NO

If yes, identify the types and annual quantities removed from this facility.

| TYPE(S) | ANNUAL QUANTITY (pounds, tons, gallons etc.) |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |

**ATTACH A COPY OF THE MOST RECENT HAZARDOUS WASTE MANIFEST**.

2. Identify the names, addresses and Permit Numbers of the Haulers responsible for removing the waste materials from question 1 above.

| NAME | ADDRESS | PERMIT NO. |
|---|---|---|
| | | |
| | | |
| | | |

3. Identify all wastes that are recycled at this facility and/or those transported off-site. If transported off-site, list the persons responsible for its transport.

_____

_____

_____

4. Are any waste materials other than Municipal Solid Waste placed with trash for disposal? ( ) YES ( ) NO
If yes, identify the types and annual quantities removed from the facility, the transporter and the ultimate destination for the disposed wastes.

_____

_____

_____

## Section I - Other Information

1. Check all other active environmental permits issued to this facility and indicate the identifying number or code for each permit:

( ) Hazardous Waste _____

( ) Air Quality _____

( ) Sewer Extension\Connection _____

( ) Toxics Use Reduction _____

( ) NPDES_____

( ) Recycle_____

( ) Other_____

2. List any environmental citations, orders or other enforcement actions received by this facility in the last four (4) years:

_____

_____

_____

_____

3. Do you have a copy of the SESD Sewer Use Regulations? ( ) YES ( ) NO

4. Is this application being completed for a discharge of groundwater? ( ) YES ( ) NO

If yes,

a. What is the expected duration of the discharge?_____months

b. If applicable, who is responsible for paying sewer charges?_____

c. Telephone number of the person above:_____

d. Mailing address of the person above:_____

_____

The applicant hereby applies to the South Essex Sewerage District for a Wastewater Discharge Permit for an Industrial User to discharge wastewater to the SESD sewer system. The Applicant acknowledges that any Permit issued will be governed by the South Essex Sewerage District Sewer Use Regulations and applicable federal and state laws and regulations as any of the foregoing may be amended from time to time. Should a discharge permit be issued for your facility, the information supplied by you in this application will be used to prepare the permit.

I, the undersigned Authorized Representative of the Applicant, have personally examined and am familiar with the information submitted in this document and attachments. I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment.

| | |
|---|---|
| _____ | _____ |
| SIGNATURE OF AUTHORIZED REPRESENTATIVE | TITLE |
| _____ | _____ |
| PRINT NAME | DATE |

Note to Authorized Representative*****: **CONFIDENTIALITY** All information obtained by the District shall be considered public information. Every record pertaining to an Applicant which is made or received by the District, shall be considered a Public Record and shall be available for disclosure to the general public pursuant to a request under M.G.L. Ch. 66, Sec. 10 except the following:

(a) all Records specifically excluded from the definition of a "public record" pursuant to M.G.L. Ch. 4 Sec. 7(26).

(b) all Trade Secrets the disclosure of which would not be in compliance with the Massachusetts Clean Waters Act, M.G.L. Ch. 21 Sec. 27(7), or any other provision of the Massachusetts law governing the confidentiality of records submitted to a governmental entity;

(c) all Records specifically or by necessary implication exempted from disclosure by law.

Wastewater effluent data, as defined by 40 CFR 2.302, obtained by the District or supplied by an Applicant as required by this Application, shall not be considered as confidential and shall be available to the public without restriction. Any request for confidentiality must be made in writing at the time of submission of the information or data. It is the obligation of the Applicant requesting confidentiality to demonstrate to the satisfaction of the Board that such information or data is exempted from disclosure in accordance with the legal exceptions set forth in (a) through (c) above.

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# NOTICE

## POLLUTION PREVENTION ACT OF 1990

**The Congress has declared it to be national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally-safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally-safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally-safe manner.**

**The South Essex Sewerage District ("SESD" or "District") supports this policy and encourages business to incorporate pollution prevention into its daily activities. Cost-free technical assistance may be obtained from the Massachusetts Office of Technical Assistance at (617) 626-1060. Additional resources are available and may be obtained by contacting SESD at (978) 744-4550, ext. 122.**

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# APPENDIX A

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

Industrial Categories

[ ] Aluminum Forming
[ ] Asbestos Manufacturing
[ ] Battery Manufacturing
[ ] Canned and Preserved Fruits and Vegetables Processing
[ ] Canned and Preserved Seafood Processing
[ ] Carbon Black Manufacturing
[ ] Cement Manufacturing
[ ] Coal Mining
[ ] Coil Coating
[ ] Copper Forming
[ ] Dairy Products Processing
[ ] Electrical and Electronic Components
[ ] Electroplating
[ ] Explosives Manufacturing
[ ] Feedlots
[ ] Ferroalloy Manufacturing
[ ] Fertilizer Manufacturing
[ ] Glass Manufacturing
[ ] Grain Mills
[ ] Gum and Wood Chemicals Manufacturing
[ ] Hospital
[ ] Ink Formulating
[ ] Inorganic Chemicals Manufacturing
[ ] Iron and Steel Manufacturing
[ ] Leather Tanning and Finishing
[ ] Meat Products
[ ] Metal Finishing
[ ] Metal Molding and Casting
[ ] Mineral Mining and Processing
[ ] Nonferrous Metals Forming and Metal Powders
[ ] Nonferrous Metals Manufacturing
[ ] Oil and Gas Extraction
[ ] Ore Mining and Dressing
[ ] Organic Chemicals, Plastics , and Synthetic Fibers
[ ] Paint Formulating
[ ] Paving and Roofing Materials
[ ] Pesticide Chemicals
[ ] Petroleum Refining
[ ] Pharmaceutical Manufacturing
[ ] Phosphate Manufacturing
[ ] Photographic Processing
[ ] Plastics Molding and Forming
[ ] Porcelain Enameling
[ ] Pulp, Paper, and Paperboard
[ ] Rubber Manufacturing
[ ] Soap and Detergent Manufacturing
[ ] Steam Electric Power Generating
[ ] Sugar Processing
[ ] Textile Mills
[ ] The Builders' Paper and Board Mills
[ ] Timber Products Processing

A facility with processes included in the above referenced "Industrial Categories" may be covered by the Environmental Protection Agency's categorical pretreatment standards (40 CFR 403.6 - including those found at 40 CFR Chapter I, subchapter N). These facilities are termed "Categorical Industrial Users".

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## APPENDIX B

List all raw materials and chemicals purchased stored, used or manufactured in your facility operations that:

1. You know or have reason to believe are present in your wastewater discharge, or
2. Are a Hazardous Waste when disposed of, or
3. Are stored at your facility in containers of five gallons or fifty pounds and greater, or
4. Are stored in total quantities of twenty gallons or two hundred pounds and greater at any given time.

Attach a Material Safety Data Sheet (MSDS) for each item on the list unless a MSDS has been previously submitted to the District.
Make copies of this page if additional space is needed.

| Raw Material/ Product Name | Purpose or Process where used | Annual usage (lbs/gals..etc.) | Percentage loss to sewer | MSDS Circle the Appropriate |
|---|---|---|---|---|
| | | | | Attached / Already Submitted |
| | | | | Attached / Already Submitted |
| | | | | Attached / Already Submitted |
| | | | | Attached / Already Submitted |
| | | | | Attached / Already Submitted |
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| | | | | Attached / Already Submitted |
| | | | | Attached / Already Submitted |

**APPENDIX C**

Complete this table for both incoming and outgoing water at your facility. The domestic/sanitary wastewater can be estimated based on 15 gals per employee per day. The processes listed in this table must correspond to those that are listed in Section B, question 2 and/or included on the schematic flow diagram required by Section D, question 4. The Connection Number in this table must correspond to those indicated in Section D, question 3. Use the key below where appropriate.

| | **Incoming Water** | | **Outgoing Water** | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | To Sanitary Sewer | | | | | Non-sewer Discharge Points | |
| **Water Used For** | Source (*) | Average Usage Gals/Day | Average Discharge Gals/Day | Maximum Discharge Gals/Day | Connection Number(s) | Discharge Basis (**) | Pretreatment Provided (Yes or No) | Average Gals/Day | Discharge To (***) |
| Domestic/Sanitary | | | | | | | | | |
| Processes: List all processes that generate wastewater | | | | | | | | | |
| 1. | | | | | | | | | |
| 2. | | | | | | | | | |
| 3. | | | | | | | | | |
| 4. | | | | | | | | | |
| 5. | | | | | | | | | |
| Air Pollution Control | | | | | | | | | |
| Spent Chemical Solutions | | | | | | | | | |
| Plant / Eqpt. Washdown | | | | | | | | | |
| In Product / Shipped | | | | | | | | | |
| Incoming Water Treatment | | | | | | | | | |
| Noncontact Cooling | | | | | | | | | |
| Contact Cooling | | | | | | | | | |
| Lawn Irrigation | | | | | | | | | |
| Boiler Blowdown / Makeup | | | | | | | | | |
| Stormwater | Rainfall | | | | | | | | |
| Other (specify) | | | | | | | | | |
| | | | | | | | | | |
| Totals - Gallons per day | | | | | | | | | |

**KEY**

* = in the table above, enter the appropriate letter code indicating the source:
- A. City Water
- B. Surface Water
- C. Groundwater
- D. Other (specify) _____

** = in the table above, enter the code indicating the discharge basis:
- A. Continuous
- B. Batch
- C. Weekly
- D. Intermittent
- E. Seasonal

*** = in the table above, enter the code indicating the discharge point
- A. Evaporation
- B. Storm Drains
- C. Consumed in Products
- D. Surface Waters
- E. Holding Tank
- F. Off-site Disposal
- G. Other (specify) _____

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**APPENDIX D**

This list is derived from several EPA and MA DEP regulatory lists. It is arranged by CAS # and also gives the most common substance name. Complete this appendix by placing a check in the space provided ( ) for any known substance present in the facility and/or for those present in the WASTEWATER discharge. Any items not checked will be considered not present. Note that five items on the third page require answers for discharge only, with specific limitations.

| CAS # | Substance Name | Present in facility | Present in discharge | CAS # | Substance Name | Present in facility | Present in discharge |
|---|---|---|---|---|---|---|---|
| 100027 | 4-Nitrophenol | ( ) | ( ) | 117817 | bis(2-Ethylhexyl) phthalate | ( ) | ( ) |
| 100414 | Ethylbenzene | ( ) | ( ) | 117840 | Di-n-octyl phthalate | ( ) | ( ) |
| 100425 | Styrene | ( ) | ( ) | 118741 | Hexachlorobenzene | ( ) | ( ) |
| 100447 | Benzyl chloride | ( ) | ( ) | 1194656 | 2,6-Dichlorobenzonitrile | ( ) | ( ) |
| 100470 | Benzonitrile | ( ) | ( ) | 120127 | Anthracene | ( ) | ( ) |
| 10061026 | trans-1,3-Dichloropropene | ( ) | ( ) | 120821 | 1,2,4-Trichlorobenzene | ( ) | ( ) |
| 101553 | 4-Bromophenyl phenyl ether | ( ) | ( ) | 120832 | 2,4-Dichlorophenol | ( ) | ( ) |
| 1024573 | Heptachlor epoxide | ( ) | ( ) | 121142 | 2,4-Dinitrotoluene | ( ) | ( ) |
| 1031078 | Endosulfan sulfate | ( ) | ( ) | 121448 | Triethylamine | ( ) | ( ) |
| 105464 | sec-Butyl acetate | ( ) | ( ) | 121755 | Malathion | ( ) | ( ) |
| 105679 | 2,4-Dimethylphenol | ( ) | ( ) | 122667 | 1,2-Diphenylhydrazine | ( ) | ( ) |
| 106445 | 4-Methylphenol | ( ) | ( ) | 123864 | n-Butyl acetate | ( ) | ( ) |
| 106467 | 1,4-Dichlorobenzene | ( ) | ( ) | 124403 | Dimethylamine | ( ) | ( ) |
| 106489 | 4-Chlorophenol | ( ) | ( ) | 124481 | Chlorodibromomethane | ( ) | ( ) |
| 106898 | Epichlorohydrin | ( ) | ( ) | 12672296 | PCB-1248 | ( ) | ( ) |
| 106934 | 1,2-Dibromoethane | ( ) | ( ) | 12674112 | PCB-1016 | ( ) | ( ) |
| 107028 | Acrolein | ( ) | ( ) | 127184 | Tetrachloroethylene | ( ) | ( ) |
| 107051 | 3-Chloropropene | ( ) | ( ) | 129000 | Pyrene | ( ) | ( ) |
| 107062 | 1,2-Dichloroethane | ( ) | ( ) | 1300716 | Dimethylphenol | ( ) | ( ) |
| 107131 | Acrylonitrile | ( ) | ( ) | 131113 | Dimethyl phthalate | ( ) | ( ) |
| 107153 | Ethylenediamine | ( ) | ( ) | 1319773 | Cresols | ( ) | ( ) |
| 107186 | Allyl alcohol | ( ) | ( ) | 1321126 | Nitrotoluene | ( ) | ( ) |
| 108054 | Vinyl acetate | ( ) | ( ) | 1330207 | Xylenes | ( ) | ( ) |
| 108394 | 3-Methylphenol | ( ) | ( ) | 133062 | Captan | ( ) | ( ) |
| 108463 | 1,3-Benzenediol | ( ) | ( ) | 1332214 | Asbestos | ( ) | ( ) |
| 108601 | bis(2-Chloroisopropyl) ether | ( ) | ( ) | 1336363 | PCB's | ( ) | ( ) |
| 108883 | Toluene | ( ) | ( ) | 1338245 | Naphthenic acid | ( ) | ( ) |
| 108907 | Chlorobenzene | ( ) | ( ) | 13952846 | 2-Butanamine | ( ) | ( ) |
| 108952 | Phenol | ( ) | ( ) | 14265453 | Sulfite | ( ) | ( ) |
| 109739 | n-Butylamine | ( ) | ( ) | 143500 | Kepone | ( ) | ( ) |
| 109897 | Diethylamine | ( ) | ( ) | 14808798 | Sulfate | ( ) | ( ) |
| 110758 | 2-Chloroethylvinyl ether | ( ) | ( ) | 1563662 | Carbofuran | ( ) | ( ) |
| 110827 | Cyclohexane | ( ) | ( ) | 156605 | trans-1,2-Dichloroethene | ( ) | ( ) |
| 110861 | Pyridine | ( ) | ( ) | 16984488 | Fluoride | ( ) | ( ) |
| 11096825 | PCB-1260 | ( ) | ( ) | 1746016 | Dioxin | ( ) | ( ) |
| 11097691 | PCB-1254 | ( ) | ( ) | 18496258 | Sulfide | ( ) | ( ) |
| 11104282 | PCB-1221 | ( ) | ( ) | 191242 | Benzo(ghi)perylene | ( ) | ( ) |
| 11141165 | PCB-1232 | ( ) | ( ) | 1918009 | Dicamba | ( ) | ( ) |
| 111444 | bis(2-Chloroethyl) ether | ( ) | ( ) | 193395 | Indeno(1,2,3-cd)pyrene | ( ) | ( ) |
| 111911 | bis(2-Chloroethoxy)methane | ( ) | ( ) | 2032657 | Methiocarb | ( ) | ( ) |
| 115322 | Di(p-chlorophenyl)-trichloromethylcarbino | ( ) | ( ) | 205992 | Benzo(b)fluoranthene | ( ) | ( ) |
| 117806 | Dichlone | ( ) | ( ) | 206440 | Fluoranthene | ( ) | ( ) |

| CAS # | Substance Name | Present in facility | Present in discharge | CAS # | Substance Name | Present in facility | Present in discharge |
|---|---|---|---|---|---|---|---|
| 207089 | Benzo(k)fluoranthene | ( ) | ( ) | 57125 | Cyanides | ( ) | ( ) |
| 208968 | Acenaphthylene | ( ) | ( ) | 57249 | Strychnine and salts | ( ) | ( ) |
| 218019 | Chrysene | ( ) | ( ) | 57749 | Chlordane | ( ) | ( ) |
| 2312358 | Propargite | ( ) | ( ) | 58899 | Lindane | ( ) | ( ) |
| 2385855 | Mirex | ( ) | ( ) | 59507 | 4-Chloro-3-methylphenol | ( ) | ( ) |
| 24959679 | Bromide | ( ) | ( ) | 60571 | Dieldrin | ( ) | ( ) |
| 25154545 | Dinitrobenzene, NOS | ( ) | ( ) | 606202 | 2,6-Dinitrotoluene | ( ) | ( ) |
| 25321146 | Dinitrotoluene | ( ) | ( ) | 608935 | Pentachlorobenzene | ( ) | ( ) |
| 25321226 | Di-Chloricide | ( ) | ( ) | 621647 | N-Nitrosodi-n-propylamine | ( ) | ( ) |
| 25550587 | Dinitrophenol | ( ) | ( ) | 62533 | Aniline | ( ) | ( ) |
| 27323417 | Triethanolamine dodecylbenzenesulfonat | ( ) | ( ) | 62737 | Dichlorvos | ( ) | ( ) |
| 2764729 | Diquat | ( ) | ( ) | 62759 | N-Nitrosodimethylamine | ( ) | ( ) |
| 2921882 | Chlorpyrifos | ( ) | ( ) | 628637 | Amyl acetate | ( ) | ( ) |
| 298000 | Methyl parathion | ( ) | ( ) | 63252 | 1-Naphthyl methylcarbamate | ( ) | ( ) |
| 298044 | Disulfoton | ( ) | ( ) | 67663 | Chloroform | ( ) | ( ) |
| 300765 | Naled | ( ) | ( ) | 67721 | Hexachloroethane | ( ) | ( ) |
| 309002 | Aldrin | ( ) | ( ) | 7005723 | 4-Chlorophenylphenyl ether | ( ) | ( ) |
| 315184 | Mexacarbate | ( ) | ( ) | 71432 | Benzene | ( ) | ( ) |
| 319846 | alpha-BHC | ( ) | ( ) | 71556 | 1,1,1-Trichloroethane | ( ) | ( ) |
| 319857 | beta-BHC | ( ) | ( ) | 72208 | Endrin | ( ) | ( ) |
| 319868 | delta-BHC | ( ) | ( ) | 72435 | Methoxychlor | ( ) | ( ) |
| 330541 | Diuron | ( ) | ( ) | 72548 | 4,4'-DDD | ( ) | ( ) |
| 33213659 | Endosulfan-II | ( ) | ( ) | 72559 | 4,4'-DDE | ( ) | ( ) |
| 333415 | Diazinon | ( ) | ( ) | 7421934 | Endrin aldehyde | ( ) | ( ) |
| 4170303 | Propylene aldehyde | ( ) | ( ) | 7429905 | Aluminum | ( ) | ( ) |
| 42504461 | Isopropanolamine dodecylbenzene sulfor | ( ) | ( ) | 7439896 | Iron | ( ) | ( ) |
| 50000 | Formaldehyde | ( ) | ( ) | 7439921 | Lead | ( ) | ( ) |
| 50293 | 4,4'-DDT | ( ) | ( ) | 7439954 | Magnesium | ( ) | ( ) |
| 50328 | Benzo(a)pyrene | ( ) | ( ) | 7439965 | Manganese | ( ) | ( ) |
| 51285 | 2,4-Dinitrophenol | ( ) | ( ) | 7439976 | Mercury | ( ) | ( ) |
| 52686 | Trichlorofon | ( ) | ( ) | 7439987 | Molybdenum | ( ) | ( ) |
| 534521 | 2-Methyl-4,6-dinitrophenol | ( ) | ( ) | 7440020 | Nickel | ( ) | ( ) |
| 53469219 | PCB-1242 | ( ) | ( ) | 7440224 | Silver | ( ) | ( ) |
| 53703 | Dibenzo(a,h)anthracene | ( ) | ( ) | 7440246 | Strontium | ( ) | ( ) |
| 540885 | tert-Butyl acetate | ( ) | ( ) | 7440280 | Thallium | ( ) | ( ) |
| 541731 | 1,3-Dichlorobenzene | ( ) | ( ) | 7440315 | Tin | ( ) | ( ) |
| 542756 | 1,3-Dichloropropene | ( ) | ( ) | 7440326 | Titanium | ( ) | ( ) |
| 542881 | Bis(chloromethyl)ether | ( ) | ( ) | 7440360 | Antimony | ( ) | ( ) |
| 55185 | N-Nitrosodiethylamine | ( ) | ( ) | 7440382 | Arsenic | ( ) | ( ) |
| 56235 | Carbon tetrachloride | ( ) | ( ) | 7440393 | Barium | ( ) | ( ) |
| 563122 | Ethion | ( ) | ( ) | 7440417 | Beryllium | ( ) | ( ) |
| 56382 | Parathion | ( ) | ( ) | 7440428 | Boron | ( ) | ( ) |
| 56553 | Benzo(a)anthracene | ( ) | ( ) | 7440439 | Cadmium | ( ) | ( ) |
| 56724 | Coumaphos | ( ) | ( ) | 7440473 | Chromium | ( ) | ( ) |

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| CAS # | Substance Name | Present in facility | Present in discharge | CAS # | Substance Name | Present in facility | Present in discharge |
|---|---|---|---|---|---|---|---|
| 7440484 | Cobalt | ( ) | ( ) | 8065483 | Demeton | ( ) | ( ) |
| 7440508 | Copper | ( ) | ( ) | 83329 | Acenaphthene | ( ) | ( ) |
| 7440611 | Uranium | ( ) | ( ) | 84662 | Diethyl phthalate | ( ) | ( ) |
| 7440622 | Vanadium | ( ) | ( ) | 84742 | Di-n-butyl phthalate | ( ) | ( ) |
| 7440666 | Zinc | ( ) | ( ) | 85018 | Phenanthrene | ( ) | ( ) |
| 7440677 | Zirconium | ( ) | ( ) | 85687 | Butyl benzyl phthalate | ( ) | ( ) |
| 74839 | Bromomethane | ( ) | ( ) | 86306 | N-Nitrosodiphenylamine | ( ) | ( ) |
| 74873 | Chloromethane | ( ) | ( ) | 86500 | Azinphos-methyl | ( ) | ( ) |
| 74895 | Methylamine | ( ) | ( ) | 86737 | Fluorene | ( ) | ( ) |
| 74931 | Methyl mercaptan | ( ) | ( ) | 87683 | Hexachlorobutadiene | ( ) | ( ) |
| 75003 | Chloroethane | ( ) | ( ) | 87865 | Pentachlorophenol | ( ) | ( ) |
| 75014 | Vinyl chloride | ( ) | ( ) | 88062 | 2,4,6-Trichlorophenol | ( ) | ( ) |
| 75047 | Ethylamine | ( ) | ( ) | 88755 | 2-Nitrophenol | ( ) | ( ) |
| 75070 | Acetaldehyde | ( ) | ( ) | 91203 | Naphthalene | ( ) | ( ) |
| 75092 | Methylene chloride | ( ) | ( ) | 91225 | Quinoline | ( ) | ( ) |
| 75150 | Carbon disulfide | ( ) | ( ) | 91587 | 2-Chloronaphthalene | ( ) | ( ) |
| 75252 | Bromoform | ( ) | ( ) | 91941 | 3,3'-Dichlorobenzidine | ( ) | ( ) |
| 75274 | Bromodichloromethane | ( ) | ( ) | 924163 | N-Nitrosodi-n-butylamine | ( ) | ( ) |
| 75343 | 1,1-Dichloroethane | ( ) | ( ) | 92875 | Benzidine | ( ) | ( ) |
| 75354 | 1,1-Dichloroethylene | ( ) | ( ) | 930552 | N-Nitrosopyrrolidone | ( ) | ( ) |
| 75445 | Phosgene | ( ) | ( ) | 935955 | 2,3,5,6-Tetrachlorophenol | ( ) | ( ) |
| 75503 | Trimethylamine | ( ) | ( ) | 93721 | Silvex | ( ) | ( ) |
| 75569 | Propylene oxide | ( ) | ( ) | 93765 | 2,4,5-T | ( ) | ( ) |
| 75649 | tert-Butylamine | ( ) | ( ) | 94757 | 2,4-D | ( ) | ( ) |
| 75990 | Dalapon | ( ) | ( ) | 95487 | 2-Methylphenol | ( ) | ( ) |
| 76017 | Pentachlororethane | ( ) | ( ) | 95501 | 1,2-Dichlorobenzene | ( ) | ( ) |
| 76448 | Heptachlor | ( ) | ( ) | 95578 | 2-Chlorophenol | ( ) | ( ) |
| 7664417 | Ammonia | ( ) | ( ) | 95943 | 1,2,4,5-Tetrachlorophenol | ( ) | ( ) |
| 7723140 | Phosphorus | ( ) | ( ) | 95954 | 2,4,5-Trichlorophenol | ( ) | ( ) |
| 77474 | Hexachlorocyclopentadiene | ( ) | ( ) | 959988 | Endosulfan-I | ( ) | ( ) |
| 7782492 | Selenium | ( ) | ( ) | 98011 | Furfural | ( ) | ( ) |
| 7782505 | Chlorine | ( ) | ( ) | 98679 | Phenolsulfanate | ( ) | ( ) |
| 7783064 | Hydrogen sulfide | ( ) | ( ) | 98953 | Nitrobenzene | ( ) | ( ) |
| 7786347 | Mevinphos | ( ) | ( ) | C-002 | Biochemical Oxygen Demand, >550 mg/l | N/A | ( ) |
| 78591 | Isophorone | ( ) | ( ) | C-005 | Nitrate/nitrite | ( ) | ( ) |
| 78795 | Isoprene | ( ) | ( ) | C-006 | pH, in excess of 6.5-10.5 pH Units | N/A | ( ) |
| 78875 | 1,2-Dichloropropane | ( ) | ( ) | C-007 | Oil and grease, >100 mg/l | N/A | ( ) |
| 78933 | Methyl ethyl ketone | ( ) | ( ) | C-009 | Total Suspended Solids, >500 mg/l | N/A | ( ) |
| 79005 | 1,1,2-Trichloroethane | ( ) | ( ) | C-020 | Phenol, Total | ( ) | ( ) |
| 79016 | Trichloroethylene | ( ) | ( ) | C-021 | Total Kjeldahl nitrogen | ( ) | ( ) |
| 79345 | 1,1,2,2-Tetrachloroethane | ( ) | ( ) | M-002 | Color | ( ) | ( ) |
| 8001352 | Toxaphene | ( ) | ( ) | Q-006 | Radioactivity | ( ) | ( ) |
| 8003347 | Pyrethrins and Pyrethroids | ( ) | ( ) | T-121 | Temperature, >104 F (40C) | N/A | ( ) |
| 80626 | Methyl methacrylate | ( ) | ( ) | U-014 | Surfactants | ( ) | ( ) |