

CITY OF CAYCE
NON-DOMESTIC WASTE SURVEY
QUESTIONNAIRE



City of Cayce
1800 Twelfth Street
P. O. Box 2004
Cayce-West Columbia, South Carolina 29171
(803) 796-9020

**NON-DOMESTIC WASTEWATER CONTRIBUTION PERMIT
APPLICATION**

CITY OF CAYCE, SOUTH CAROLINA

The undersigned being the _____
(Owner, Leasee, Tenant, Etc.)
of property located at _____

does hereby request a Wastewater Discharge Permit. The Permittee is engaged in _____ business at the said location.

The exact Name of the Permittee (Industry) that should appear on the Wastewater Discharge Permit is: _____

The mailing address is: _____

The following documents are required prior to issuing a Wastewater Discharge Permit:

1. A plan to the property showing accurately all sewers and drains.
2. Plan and specifications covering the work proposed to be performed under this permit.
3. A complete schedule of all process waters and industrial wastes produced or expected to be produced at said property, including a description of the character of each waste, the daily volume and maximum rates of discharge, representative analyses, and compliance with any applicable Pretreatment Standard or Requirements. "I understand that it is my responsibility to operate and maintain the pretreatment facility, and to meet the Wastewater Discharge Limits that will be issued in the Wastewater Discharge Permit by the City of Cayce. I also understand that I must obtain a Permit to Construct from SCDHEC prior to the construction of pretreatment facilities and a Permit to Operate from SCDHEC and the City of Cayce prior to the start-up of pretreatment facilities, if applicable."

"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 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, including the possibility of fine and imprisonment for knowing violations."

Signature Printed Name Title Date

APPENDIX B

NON-DOMESTIC WASTE SURVEY QUESTIONNAIRE

SECTION A - GENERAL INFORMATION

A.1. Company name, mailing address, and telephone number:

Zip Code _____ Telephone No. (____) _____

A.2 Address of production or manufacturing facility. (If same as above, check _____.)

Zip Code _____ Telephone No. (____) _____

Note to Signing Official: 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 shall be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CAR Part 2. Should a discharge permit be required for your facility, the information in this questionnaire will be used to issue the permit.

This is to be signed by an authorized official of your firm after adequate completion of this form and review of the information by the signing official.

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, 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.

(Date)

Signature of Official
(Seal if applicable)

A.3 Name, title, and telephone number of person authorized to represent this firm in official dealings with the Sewer Authority and/or City:

A.4 Alternate person to contact concerning Information provided herein:

Name _____ Title _____ Tel. No. _____

A.5 Identify the type of business conducted (auto repair, machine shop, electroplating, warehousing, painting, printing, meat packaging, food processing, etc.

A.6 Provide a brief narrative description of the manufacturing, production, or service activities your firm conducts.

A.7 Standard Industrial Classification Number(s) (SIC Code) for your facilities:

A.8 This facility generates the following types of wastes (check all that apply):

AVERAGE GALLONS PER DAY

- | | | | | | | |
|----|--------------------------|-------------------------------------|--------------------------|-----------|--------------------------|----------|
| 1. | <input type="checkbox"/> | Domestic wastes _____ | <input type="checkbox"/> | estimated | <input type="checkbox"/> | measured |
| | | (restrooms, employee showers, etc.) | | | | |
| 2. | <input type="checkbox"/> | Cooling water, _____ | <input type="checkbox"/> | estimated | <input type="checkbox"/> | measured |
| | | non-contact | | | | |
| 3. | <input type="checkbox"/> | Boiler/Tower _____ | <input type="checkbox"/> | estimated | <input type="checkbox"/> | measured |
| | | blow down | | | | |
| 4. | <input type="checkbox"/> | Cooling water, _____ | <input type="checkbox"/> | estimated | <input type="checkbox"/> | measured |
| | | contact | | | | |
| 5. | <input type="checkbox"/> | Process _____ | <input type="checkbox"/> | estimated | <input type="checkbox"/> | measured |
| 6. | <input type="checkbox"/> | Equipment/ _____ | <input type="checkbox"/> | estimated | <input type="checkbox"/> | measured |
| | | Facility wash down | | | | |
| 7. | <input type="checkbox"/> | Air Pollution _____ | <input type="checkbox"/> | estimated | <input type="checkbox"/> | measured |
| | | Control Unit | | | | |

8. Storm water runoff
to sewer _____ estimated measured

9. Other (describe) _____ estimated measured

Total A.8.1 - A.8.9 _____

A.9 Waste are discharged to (check all that apply):

AVERAGE GALLONS PER DAY

<input type="checkbox"/> Sanitary sewer	_____	<input type="checkbox"/> estimated	<input type="checkbox"/> measured
<input type="checkbox"/> Storm sewer	_____	<input type="checkbox"/> estimated	<input type="checkbox"/> measured
<input type="checkbox"/> Surface water	_____	<input type="checkbox"/> estimated	<input type="checkbox"/> measured
<input type="checkbox"/> Ground water	_____	<input type="checkbox"/> estimated	<input type="checkbox"/> measured
<input type="checkbox"/> Waste haulers	_____	<input type="checkbox"/> estimated	<input type="checkbox"/> measured
<input type="checkbox"/> Evaporation	_____	<input type="checkbox"/> estimated	<input type="checkbox"/> measured
<input type="checkbox"/> Other (describe)	_____	<input type="checkbox"/> estimated	<input type="checkbox"/> measured

Provide name and address of waste hauler(s), if used.

A.10 Is a Spill Prevention Control and Countermeasure Plan prepared for the facility? Yes No

A.11 List any environmental control permits issued to the facility and any discharge limits associated with those permits.

Note: If your facility did not check one or more of the items listed A.8.4 through A.8.9 above, then you do not need to complete any further sections in this survey/application. If any items A.8.4 through A.8.9 were checked, complete the remainder of this survey application.

SECTION C - WASTEWATER INFORMATION

C.1 Please indicate with an "X" all of the following activities which are a part of operations at your facility:

1. [] Adhesives Formulation
2. [] Aluminum Forming
3. [] Asbestos Manufacturing
4. [] Battery Manufacturing
5. [] Beverage Bottling
6. [] Cement Manufacturing
7. [] Carbon Black Manufacturing
8. [] Coal Mining
9. [] Coil Coating
10. [] Copper Forming
11. [] Dairy Products Processing
12. [] Electric & Electronic Components Manufacturing
13. [] Electroplating
14. [] Explosives Manufacturing
15. [] Ferroalloy Manufacturing
16. [] Fertilizer Production
17. [] Food/Edible Products Processing
18. [] Glass Manufacturing
19. [] Grain Mills
20. [] Gum & Wood Chemicals Manufacturing
21. [] Hospital
22. [] Inorganic Chemicals Manufacturing
23. [] Iron & Steel
24. [] Laundry
25. [] Leather Tanning & Finishing
26. [] Mechanical Products Manufacturing
27. [] Metal Finishing
28. [] Metal Molding
29. [] Mineral Mining
30. [] Nonferrous Metals Forming
31. [] Oil & Gas Extraction
32. [] Ore Mining
33. [] Organic Chemicals, Plastics, or Synthetic Fibers
34. [] Paint & Ink Manufacturing
35. [] Paving & Roofing Materials
36. [] Pesticides Manufacturing
37. [] Petroleum Refining
38. [] Pharmaceuticals Manufacturing
39. [] Phosphate Manufacturing
40. [] Photographic Supplies Manufacturing
41. [] Plastics Processing
42. [] Porcelain Enameling Processing
43. [] Printing & Publishing
44. [] Pulp & Paper Processing
45. [] Rubber Processing
46. [] Slaughter/Meat Packing/Rendering/Feedlots

- 47. [] Soaps & Detergents Manufacturing
- 48. [] Steam Electric Power Generating
- 49. [] Textile Mills
- 50. [] Timber Products Processing
- 51. [] Other

C.2. Pretreatment devices or processes used for treating wastewater or sludge (check as many as appropriate).

- [] Air Flotation
- [] Centrifuge
- [] Chlorination
- [] Cyclone
- [] Filtration
- [] Flow Equalization
- [] Grease or oil separation, type _____
- [] Grease trap
- [] Grit Removal
- [] Ion Exchange
- [] Neutralization, pH correction
- [] Ozonation
- [] Reverse Osmosis
- [] Screen
- [] Sedimentation
- [] Septic tank
- [] Solvent separation
- [] Spill protection
- [] Sump
- [] Biological treatment, type _____
- [] Rainwater diversion or storage
- [] Other chemical treatment, type _____
- [] Other physical treatment, type _____
- [] Other, type _____
- [] No pretreatment provided

C.3 If any wastewater analyses have been performed on the wastewater discharge(s) from your facilities, attach a copy of the most recent data to this questionnaire. Be sure to include the date of analysis, name of laboratory performing the analysis, and location(s) from which sample(s) were taken (attach sketches, plans, etc., as necessary).

C.4 Priority Pollutant Information: Please indicate by placing an "X" in the appropriate box by each listed chemical whether it is "Suspected to be Absent," "Known to be Absent," "Suspected to be Present," or "Known to be Present" in your manufacturing or service activity or generated as a by-product.

CHEMICAL COMPOUND Synonym in ()	KNOWN PRESENT	SUSPECTED PRESENT	KNOWN ABSENT	SUSPECTED ABSENT
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**I. METALS AND
INORGANIC**

1. Antimony	[]	[]	[]	[]
2. Arsenic	[]	[]	[]	[]
3. Asbestos	[]	[]	[]	[]
4. Beryllium	[]	[]	[]	[]
5. Cadmium	[]	[]	[]	[]
6. Chromium	[]	[]	[]	[]
7. Copper	[]	[]	[]	[]
8. Cyanide	[]	[]	[]	[]
9. Lead	[]	[]	[]	[]
10. Mercury	[]	[]	[]	[]
11. Nickel	[]	[]	[]	[]
12. Selenium	[]	[]	[]	[]
13. Silver	[]	[]	[]	[]
14. Thallium	[]	[]	[]	[]
15. Zinc	[]	[]	[]	[]

**II. PHENOLS AND
CRESOL**

16. Phenol(s)	[]	[]	[]	[]
17. Phenol, 2-chloro	[]	[]	[]	[]
18. Phenol, 2,4 dichloro	[]	[]	[]	[]
19. Phenol, 2,4,6 trichloro	[]	[]	[]	[]
20. Phenol, pentachloro	[]	[]	[]	[]
21. Phenol, 2-nitro (para-nitro)	[]	[]	[]	[]
22. Phenol, 4-nitro (ortho-nitro)	[]	[]	[]	[]
23. Phenol, 2,4- Dinitro	[]	[]	[]	[]
24. Phenol, 2,4 Dimethyl	[]	[]	[]	[]
25. m-Cresol, p-chloro (4-chloro-3-methylphenol)	[]	[]	[]	[]
26. o-Cresol, 4-6-dinitro (4,6-dinitro-2-methylphenol)	[]	[]	[]	[]

CHEMICAL COMPOUND Synonym in ()	KNOWN PRESENT	SUSPECTED PRESENT	KNOWN ABSENT	SUSPECTED ABSENT
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III. MONOCYCLIG AROMATICS (EXCLUDING PHENOLS, CRESOLS AND PHTHALATES)

27. Benzene	[]	[]	[]	[]
28. Benzene, chloro	[]	[]	[]	[]
29. Benzene, 1,2 dichloro (ortho-dichloro)	[]	[]	[]	[]
30. Benzene, 1,3 dichloro (meta-dichloro)	[]	[]	[]	[]
31. Benzene, 1,4 dichloro (para-dichloro)	[]	[]	[]	[]
32. Benzene, 1,2,4 trichloro	[]	[]	[]	[]
33. Benzene, hexachloro (perchloro)	[]	[]	[]	[]
34. Benzene, ethyl	[]	[]	[]	[]
35. Benzene, nitro	[]	[]	[]	[]
36. Toluene (methylbenzene)	[]	[]	[]	[]
37. Toluene, 2,4 dinitro	[]	[]	[]	[]
38. Toluene, 2,6 dinitro	[]	[]	[]	[]

IV. PCBs AND RELATED COMPOUNDS

39. PCB-1016	[]	[]	[]	[]
40. PCB-1221	[]	[]	[]	[]
41. PCB-1232	[]	[]	[]	[]
42. PCB-1242	[]	[]	[]	[]
43. PCB-1248	[]	[]	[]	[]
44. PCB-1254	[]	[]	[]	[]
45. PCB-1260	[]	[]	[]	[]
46. 2-Chloronaphthalene	[]	[]	[]	[]

V. ETHERS

47. Ether, bis 2-chloroethyl	[]	[]	[]	[]
48. Ether, bis (2-chloroisopropyl)	[]	[]	[]	[]
49. Ether, 2- chloroethyl vinyl	[]	[]	[]	[]
50. Ether, 4-bromophenyl phenyl	[]	[]	[]	[]
51. Ether, 4-chlorophenyl phenyl	[]	[]	[]	[]
52. Bis (2-chloroethoxy) methane	[]	[]	[]	[]

CHEMICAL COMPOUND Synonym in ()	KNOWN PRESENT	SUSPECTED PRESENT	KNOWN ABSENT	SUSPECTED ABSENT
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VI. NITROSAMINES AND OTHER NITROGEN CONTAINING COMPOUNDS

53. Nitrosamine, dimethyl	[]	[]	[]	[]
54. Nitrosamine, diphenyl	[]	[]	[]	[]
55. Nitrosamine, di-n-propyl	[]	[]	[]	[]
56. Benzidine	[]	[]	[]	[]
57. Benzidine, 3,3'-dichloro	[]	[]	[]	[]
58. Hydrazine, 1,2-diphenyl (hydrazobenzene)	[]	[]	[]	[]
59. Acrylonitrile	[]	[]	[]	[]

**VII. HALOGENATED
ALIPHATICS**

60. Methane, bromo-	[]	[]	[]	[]
61. Methane, chloro- (methyl chloride)	[]	[]	[]	[]
62. Methane, dichloro	[]	[]	[]	[]
63. Methane, chlorodibromo	[]	[]	[]	[]
64. Methane, dichlorobromo	[]	[]	[]	[]
65. Methane, tribromo	[]	[]	[]	[]
66. Methane, trichloro (chloroform)	[]	[]	[]	[]
67. Methane, tetrachloro (carbon tetrachloride, carbon tet.)	[]	[]	[]	[]
68. Ethane, chloro (ethylchloride)	[]	[]	[]	[]
69. Ethane, 1,1-dichloro (ethylidene chloride)	[]	[]	[]	[]
70. Ethane, 1,2-dichloro	[]	[]	[]	[]
71. Ethane, 1,1,1-trichloro	[]	[]	[]	[]
72. Ethane, 1,1,2-trichloro (vinyl trichloride)	[]	[]	[]	[]
73. Ethane, 1,1,2,2-tetrachloro (acetylene tetrachloride)	[]	[]	[]	[]
74. Ethane, hexachloro (perchloro, perc)	[]	[]	[]	[]
75. Ethene, chloro (vinyl chloride)	[]	[]	[]	[]

CHEMICAL COMPOUND Synonym in ()	KNOWN PRESENT	SUSPECTED PRESENT	KNOWN ABSENT	SUSPECTED ABSENT
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76. Ethene, 1,1-dichloro	[]	[]	[]	[]
77. Ethene, trans-dichloro	[]	[]	[]	[]
78. Ethene, trichloro	[]	[]	[]	[]
79. Ethene, tetrachloro	[]	[]	[]	[]
80. Propane, 1,2-dichloro (propylene dichloride)	[]	[]	[]	[]
81. Propene, 1,3-dichloro (1,3 dichloropropylene)	[]	[]	[]	[]
82. Butadiene, hexachloro	[]	[]	[]	[]
83. Cyclopentadiene, hexachloro	[]	[]	[]	[]

(Ethene = Ethylene)

VIII. PHTHALATE ESTERS

84. Phthalate, di-o-methyl	[]	[]	[]	[]
85. Phthalate, di-n-ethyl	[]	[]	[]	[]
86. Phthalate, di-n-butyl	[]	[]	[]	[]
87. Phthalate, di-n-octyl	[]	[]	[]	[]
88. Phthalate, bis 2-ethylhexyl	[]	[]	[]	[]
89. Phthalate, butyl benzyl	[]	[]	[]	[]

XI. POLYCYCLIC AROMATIC HYDROCARBONS

90. Acenaphthene	[]	[]	[]	[]
91. Acenaphthylene	[]	[]	[]	[]
92. Benzo (a) anthracene	[]	[]	[]	[]
93. Benzo (b) fluoranthene	[]	[]	[]	[]
94. Benzo (k) fluoranthene	[]	[]	[]	[]
95. Benzo (ghi) perylene	[]	[]	[]	[]
96. Benzo (a) pyrene	[]	[]	[]	[]
97. Chrysene	[]	[]	[]	[]
98. Dibenzo (a,h, anthracene (1,2,5,6 dibenzanthracene)	[]	[]	[]	[]
99. Fluoranthene	[]	[]	[]	[]
100. Fluorene	[]	[]	[]	[]
101. Indeno (1,2,3-cd) pyrene	[]	[]	[]	[]
102. Naphthalene	[]	[]	[]	[]
103. Phenanthrene	[]	[]	[]	[]
104. Pyrene	[]	[]	[]	[]
105. Anthracene	[]	[]	[]	[]

CHEMICAL COMPOUND Synonym in ()	KNOWN PRESENT	SUSPECTED PRESENT	KNOWN ABSENT	SUSPECTED ABSENT
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X. PESTICIDES

106.	Acrolein	[]	[]	[]	[]
107.	Aldrin	[]	[]	[]	[]
108.	BHC Alpha	[]	[]	[]	[]
109.	BHC Beta	[]	[]	[]	[]
110.	BHC Gamma (or Lindane)	[]	[]	[]	[]
111.	BHC Delta	[]	[]	[]	[]
112.	Chlordane	[]	[]	[]	[]
113.	DDD	[]	[]	[]	[]
114.	DDE	[]	[]	[]	[]
115.	DDT	[]	[]	[]	[]
116.	Dieldrin	[]	[]	[]	[]
117.	Endosulfan Alpha	[]	[]	[]	[]
118.	Endosulfan Beta	[]	[]	[]	[]
119.	Endosulfan Sulfate	[]	[]	[]	[]
120.	Endrin	[]	[]	[]	[]
121.	Endrin aldehyde	[]	[]	[]	[]
122.	Heptachlor	[]	[]	[]	[]
123.	Heptachlor expoxide	[]	[]	[]	[]
124.	Isophorone	[]	[]	[]	[]
125.	TCDD (or Dioxin)	[]	[]	[]	[]
126.	Toxaphene	[]	[]	[]	[]

C.5. If you are unable to identify the chemical constituents of products you use that are discharged in your wastewater, attach copies of the materials safety data sheets for such products.

SECTION D - OTHER WASTES

D.1 Are any liquid wastes or sludge from this firm disposed of by means other than discharge to the sewer system?

Yes No

If "No", skip remainder of Section D.

IF "Yes", complete items 2 and 3.

D.2 These wastes may best be described as:

	<u>Estimated Gallons or Pounds/Year</u>
<input type="checkbox"/> Acids and Alkalies	_____
<input type="checkbox"/> Heavy Metal Sludge	_____
<input type="checkbox"/> Inks/Dyes	_____
<input type="checkbox"/> Oil and/or Grease	_____
<input type="checkbox"/> Organic Compounds	_____
<input type="checkbox"/> Paints	_____
<input type="checkbox"/> Pesticides	_____
<input type="checkbox"/> Plating Wastes	_____
<input type="checkbox"/> Pretreatment Sludge	_____
<input type="checkbox"/> Solvents/Thinners	_____
<input type="checkbox"/> Other Hazardous Wastes (Specify)	_____
_____	_____
_____	_____
<input type="checkbox"/> Other wastes (specify)	_____
_____	_____
_____	_____

D.3 For the above checked wastes, does your company practice:

- On-site storage
- Off-site storage
- On-site disposal
- Off-site disposal

Briefly describe the method(s) of storage or disposal checked above.

SECTION E - WASTE STREAM CHARACTERISTICS

E.1 Number of discharges from regulated processes (those with an existing or proposed categorical limit) to sanitary sewer system and their locations.

E.2 Provide a schematic drawing showing the regulated process waste streams, unregulated waste streams, domestic wastewater flows, cooling water, boiler blow down, etc.

E.3 Wastewater Characteristics

a. Daily Flow: Average Daily Flow (GPD) _____
 Average Maximum Daily Flow (GPD) _____

b. Identify the discharge from each regulated process and check type of discharge.

Process	Continuous	Intermittent	Batch	Flow (GPD)
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c. Waste characteristic at point of discharge:

BOD _____	mg/L	pH _____
COD _____	mg/L	NH3-N _____
TSS _____	mg/L	TKN _____

Priority Pollutants shown in Section C.4.

Pollutants	Concentration (mg/L)
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Flow at time sample Collected _____ MGD

Priority Pollutants at each regulated process:

Process #	Pollutants	Concentration (mg/L)
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

E.4. Does the wastewater discharged:

- a) Create a fire or explosion hazard?
- b) Have a pH lower than 5.0?
- c) Contain a substance that can obstruct the flow in the collection system?

TABLE I
PRIORITY POLLUTANTS

COMPOUND NAME

1. *acenaphthene
2. *acrolein
3. *acrylonitrile
4. *benzene
5. *benzidine
6. *carbon tetrachloride (tetrachloromethane)
*chlorinated benzenes (other than dichlorobenzenes)
7. chlorobenzene
8. 1, 2, 4-trichlorobenzene
9. hexachlorobenzene
*chlorinated ethane (including 1, 2-dichloroethane,
1, 1, 1-trichloroethane and hexachloroethane)
10. 1, 2-dichloroethane
11. 1, 1, 1-trichloroethane
12. hexachloroethane
13. 1, 1-dichloroethane
14. 1, 1, 2-trichloroethane
15. 1, 1, 2, 2-tetrachloroethane
16. chloroethane
*chloroalkyl ethers (chloromethyl, chloroethyl and mixed ethers)
17. bis (2-chloroethyl) ether

18. 2-chloroethyl vinyl ether (mixed)
*chlorinated naphthalene
19. 2-chloronaphthalene
*chlorinated phenols (other than those listed elsewhere:
includes trichlorophenols and chlorinated cresols)
20. 2, 4, 6-trichlorophenol
21. parachlorometa cresol
22. *chloroform (trichloromethane)
23. *2-chlorophenol
*dichlorobenzene
24. 1, 2-dichlorobenzene
25. 1, 3-dichlorobenzene
26. 1, 4-dichlorobenzene
*dichlorobenzidine
27. 3, 3-dichlorobenzidine
*dichloroethylenes (1,1-dichloroethylene and 1, 2-dichloroethylene)
28. 1, 1-dichloroethylene
29. 1, 2-trans-dichloroethylene
30. *2, 4-dichlorophenol
*dichloropropane and dichloropropene
31. 1, 2-dichloropropane
32. 1, 2-dichloropropylene (1, 3-dichloropropene)
33. *2, 4-dimethylphenol
*dinitrotoluene
34. 2, 4-dinitrotoluene
35. 2, 6-dinitrotoluene
36. *1, 2-diphenylhydrazine

37. *ethylbenzene
38. *fluoranthene
*haloethers (other than those listed elsewhere)
39. 4-chlorophenyl phenyl ether
40. 4-bromophenyl phenyl ether
43. bis (2-chloroisopropyl) ethers
44. bis (2-chloroethoxy) methane
*halomethanes (other than those listed elsewhere)
45. methylene chloride (dichloromethane)
46. methyl chloride (chloromethane)
47. methyl bromide (bromomethane)
48. bromoform (tribromomethane)
49. dichlorobromomethane
50. chlorodibromomethane
51. *hexachlorobutadiene
52. *hexachlorocyclopentadiene
53. *isophorone
54. *naphtalene
55. *nitrobenzene
*nitrophenols (including 2, 4-dinitrophenol and dinitrocresol)
56. 2-nitrophenol
57. 4-nitrophenol
58. *2, 4-dinitrophenol
59. 4, 6-dinitro-o-cresol
*nitrosamines

60. N-nitrosodimethylamine
61. N-nitrosodiphenylamine
62. N-nitrosodi-n-propylamine
63. *pentachlorophenol
64. *phenol
*phthalate esters
65. bis (2-ethylhexyl) phthalate
66. butyl benzyl phthalate
67. di-n-butyl phthalate
68. di-n-octyl phthalate
69. diethyl phthalate
70. dimethyl phthalate
*polynuclear aromatic hydrocarbons
71. benzo(a) anthracene (1, 2-benzanthracene)
72. benzo(a) pyrene (3, 4-benzopyrene)
73. benzo(b) fluoranthene (3, 4-benzofluoranthene)
74. benzo(k) fluoranthene (11, 12-benzofluoranthene)
75. chrysene
76. acenaphthylene
77. anthracene
78. benzo(ghi)perylene (1, 12-benzoperylene)
79. fluorene
80. phenanthrene
81. dibenzo(ah)anthracene (1, 2, 5, 6-dibenzanthracene)
82. indeno (1, 2, 3-cd)pyrene (2, 3-o-phenylenepyrene)
83. pyrene

84. *tetrachloroethylene
85. *toluene
86. *trichloroethylene
87. *vinyl chloride (chloroethylene) pesticides and metabolites
88. *aldrin
89. *dieldrin
90. *chlordane (technical mixture & metabolites)
*DDT and metabolites
91. 4, 4'-DDT
92. 4, 4'-DDE (p, p'-DDX)
93. 4, 4'-DDD (p, p'-TDE)
*endosulfan and metabolites
94. alpha-endosulfan
95. beta-endosulfan
96. endosulfan sulfate
*endrin and metabolites
97. endrin
98. endrin aldehyde
*heptachlor and metabolites
99. heptachlor
100. heptachlor epoxide
*hexachlorocyclohexane (all isomers)
101. alpha-BHC
102. beta-BHC
104. gamma-BHC (lindane)

105. delta-BHC
 *polychlorinated biphenyls (PCB's)
106. PCB-1242 (arochlor 1242)
107. PCB-1254 (arochlor 1254)
108. PCB-1221 (arochlor 1221)
109. PCB-1232 (arochlor 1232)
110. PCB-1248 (arochlor 1248)
111. PCB-1260 (arochlor 1260)
112. PCB-1016 (arochlor 1016)
113. toxaphene
114. antimony
115. arsenic
116. asbestos
117. beryllium
118. cadmium
119. chromium
120. copper
121. cyanide, total
122. lead
123. mercury
124. nickel
125. selenium
126. silver
127. thallium
128. zinc
129. 2,3,7,8-tetrachloro-dibenzo-p-dioxin (TCDD)

TABLE II
INDUSTRIAL CATEGORIES

<u>INDUSTRY</u>	<u>INDUSTRY</u>
1. Adhesive	18. Pulp & paper
2. Leather Tanning and Finishing	19. Textile Mills
3. Soaps & Detergents	20. Timber
4. Aluminum Forming	21. Coal Mining
5. Battery Manufacturing	22. Ore Mining
6. Coil Coating	23. Petroleum Refining
7. Copper Forming	24. Steam Electric
8. Electroplating	25. Organic Chemicals
9. Foundries	26. Pesticides
10. Iron & Steel	27. Pharmaceutical
11. Nonferrous Metals	28. Pesticides Materials
12. Photographic Supplies	29. Rubber
13. Plastic Processing	30. Auto & Other Laundries
14. Porcelain Enamel	31. Mechanical Products
15. Gun & Wood Chemicals	32. Electric & Electronic Components
16. Paint & Ink	33. Explosives Manufacturing
17. Printing & Publishing	34. Inorganic Chemicals