



State of Ohio Environmental Protection Agency
Southwest District

401 East Fifth Street
Dayton, Ohio 45402-2911

TELE: (937) 285-6357
FAX: (937) 285-6249

CERTIFIED MAIL

February 5, 2004

Mr. Mark W. Townsend
Bayer Polymers, LLC
356 Three Rivers Parkway
Addyston, Ohio 45001

**Re: Hazardous Waste Permit Modification
Class 1 Permit Changes
Bayer Polymers LLC
OHD 004 233 003/ Permit # 05-31-0604**

Dear Mr. Townsend:

In October 2003, Ohio EPA received the Class 1 hazardous waste permit modification (PITS tracking number 031024 -1-1) from Bayer Polymers LLC, and the Part B application of the permit was changed. However, Ohio EPA also needed to make changes to Module C of the permit to reflect the change in the hazardous waste codes. These inserts were left out of the original acknowledgment letter.

Please find enclosed the changes that were made to Module C as a result of the above mentioned modification. You will need to send these changes to the parties on your mailing list as well.

If you have any questions concerning this action, please contact Debora Depweg at the Ohio EPA Southwest District Office at 937-285-6080.

Sincerely,

Debora Depweg
Division of Hazardous Waste Management

cc: Shannon Ryan, DHWM/CO, w/enclosure

enclosure

DD/rif

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OHIO EPA

FEB - 9 2004

DIV. OF HAZARDOUS
WASTE MGT



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MODULE C - CONTAINERS STORAGE

C. CONTAINER STORAGE AND MANAGEMENT

The Permittee will conduct container storage activities at a single location within the facility, as shown on site drawing PD-7514 in Appendix B-2 of the approved Part B application. The dimensions of the storage area and secondary containment are depicted on drawing PD-9106 in Appendix D.1-1 of the approved Part B application. The container storage area is permitted to store fifty thousand (50,000) gallons of hazardous waste, equivalent to nine-hundred and nine (909) fifty-five gallon drums. It is constructed of asphalt (blacktop) and coated for protection from weather and the chemicals stored in the containers on it. The container storage area is sloped to a concrete trench to facilitate removal of precipitation and any spills or leaks. DOT-approved steel drums are typically used to store the hazardous waste. The types of hazardous waste permitted to be stored in containers include D001, D002, D003, D004, D005, D006, D007, D008, D009, D010, D011, D018, D035, F003, F005, U009, U140, and U154.

C.1. Process Capacity/Annual Quantity Limitation OAC Rules 3745-50-43(A)(7)

- (a) The Permittee shall not store more than 50,000 gallons of containerized waste at any given time in the permitted container area, located in the southwestern corner of the facility. The Permittee shall store hazardous waste in the types of containers (size and type) described in Section D-1a(1) of the approved Part B application.
- (b) For the purpose of compliance with the capacity limitation of this permit, each container will be considered to be storing an amount of hazardous waste equal to its capacity, regardless of the actual quantity stored in the container.
- (c) The provision of Conditions C.1(a) and C.2 shall not apply to the Permittee's activities as a generator accumulating hazardous waste on-site in compliance with the provisions of OAC Rule 3745-52-34(A).

However, when accumulating waste within the permitted container storage area, in accordance with OAC Rule 3745-52-34(A), the Permittee shall not, for the total amount of hazardous waste stored and accumulated, exceed the maximum container storage inventory established under this Condition.

C.2. Waste Identification

ORC Sections 3734.02(F) and 3734.05(H); and OAC Rule 3745-50-43

The Permittee shall store in containers only the hazardous waste codes specified below:

Hazardous Waste Codes Permitted for Container Storage:

D001, D002, D003, D004, D005, D006, D007, D008, D009, D010, D011, D018, D035, F003, F005, U009, U140, U154

C.3. Condition of Containers

OAC Rule 3745-55-71

If a container holding hazardous waste is not in good condition (e.g., severe rusting, apparent structural defects) or if it begins to leak, the Permittee shall transfer the hazardous waste from such container to a container that is in good condition or otherwise manage the waste in compliance with the conditions of this Permit or the hazardous waste facility chapters of the OAC.

C.4. Compatibility of Waste with Containers

OAC Rule 3745-55-72

The Permittee shall use containers that are compatible with the hazardous waste to be stored.

C.5. Management of Containers

OAC Rule 3745-55-73

- (a) All container storage shall be conducted within the container storage units as described in Condition C.1. of this permit and Section D.1 of the approved Part B permit application.
- (b) The Permittee shall keep all containers closed during storage, except when it is necessary to add or remove waste, and shall not open, handle, or store containers in a manner which may rupture the container or cause it to leak.
- (c) In the event lab-pack wastes are generated they shall be handled in compliance with applicable storage requirements.



State of Ohio Environmental Protection Agency
Southwest District

401 East Fifth Street
Dayton, Ohio 45402-2911

TELE: (937) 285-6357
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CERTIFIED MAIL

November 12, 2003

Mr. Mark W. Townsend
Bayer Polymers, LLC
356 Three Rivers Parkway
Addyston, Ohio 45001

**Re: Hazardous Waste Permit Modification
Class 1 Acknowledgment
Bayer Polymers LLC
OHD 004 233 003/ Permit # 05-31-0604**

Dear Mr. Townsend:

On October 24, 2003, Ohio EPA received a notification for a Class 1 hazardous waste permit modification from Bayer Polymers LLC. With this letter, Ohio EPA acknowledges the above referenced Class 1 modification submitted pursuant to Ohio Administrative Code Rule 3745-50-51 and accordingly has updated the facility's Part A permit application and permit.

The contingency plan revisions, a Class I Modification, was assigned a permit information tracking system (PITS) ID number of 031024-1-1.

Attached is a copy of the permit application revisions. This has been included to ensure that all involved parties have written confirmation of the changes. If you have any questions concerning this action, please contact Debora Depweg at the Ohio EPA Southwest District Office at 937-285-6080.

Sincerely,

Don Marshall
Division of Hazardous Waste Management

cc: Pamela Allen, Manager, ITTSS/DHWM/CO
Jeremy Carroll, Supervisor, Engineering Unit, DHWM/CO
Harold O'Connell, DHWM/SWDO
Debora Depweg, DHWM/SWDO



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Bob Taft, Governor
Jennette Bradley, Lt. Governor
Christopher Jones, Director

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

W.C. Ward
W.C. Ward, Plant Manager

Date: 14-Oct-2003

Attachment

cc: (mailed certified and with attachment)
Ms. Debora Depweg, DHWM
Ohio EPA
401 Fifth Street
Dayton, Ohio 45402-2911

MAIL THE COMPLETED FORM TO: The Appropriate EPA Regional or State Office.	United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM		
1. Reason for Submittal (See instructions on page 25) CHECK CORRECT BOX(ES)	Reason for Submittal: <input type="checkbox"/> To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities). <input type="checkbox"/> To provide subsequent notification (to update site identification information). <input type="checkbox"/> As a component of a First RCRA Hazardous Waste Part A Permit Application. <input checked="" type="checkbox"/> As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____). <input type="checkbox"/> As a component of the Hazardous Waste Report.		
2. Site EPA ID Number (See instructions on page 26)	EPA ID Number: <u>OH D 0014 2133 003</u>		
3. Site Name (See instructions on page 26)	Name: BAYER POLYMERS LLC		
4. Site Location Information (See instructions on page 26)	Street Address: 356 Three Rivers Parkway		
	City, Town, or Village: Addyston	State: Ohio	
	County Name: Hamilton	Zip Code: 45001-0039	
5. Site Land Type (See instructions on page 26)	Site Land Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Indian <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		
6. North American Industry Classification System (NAICS) Code(s) for the Site (See instructions on page 26)	A. 325211	B.	
	C.	D.	
7. Site Mailing Address (See instructions on page 27)	Street or P. O. Box: SAME		
	City, Town, or Village:		
	State:		
	Country:	Zip Code:	
8. Site Contact Person (See instructions on pages 27)	First Name: Mark	MI: W.	Last Name: Townsend
	Phone Number: 513-467-2352		Phone Number Extension:
9. Legal Owner and Operator of the Site (See instructions on pages 27 and 28)	A. Name of Site's Legal Owner: BAYER POLYMERS LLC		Date Became Owner (mm/dd/yyyy): 01/01/2003
	Owner Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Indian <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		
	B. Name of Site's Operator: BAYER POLYMERS LLC		Date Became Operator (mm/dd/yyyy): 01/01/2003
	Operator Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Indian <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		

10. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. See instructions on pages 28 to 32)

A. Hazardous Waste Activities

1. Generator of Hazardous Waste

(choose only one of the following three categories)

- a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or
- b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste; or
- c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities (check all that apply)

- d. United States Importer of Hazardous Waste
- e. Mixed Waste (hazardous and radioactive) Generator

For items 2 through 6, check all that apply:

- 2. Transporter of Hazardous Waste
- 3. Treater, Storer, or Disposer of Hazardous Waste (at your site) Note: A hazardous waste permit is required for this activity.
- 4. Recycler of Hazardous Waste (at your site) Note: A hazardous waste permit may be required for this activity.
- 5. Exempt Boiler and/or Industrial Furnace
 - a. Small Quantity On-site Burner Exemption
 - b. Smelting, Melting, and Refining Furnace Exemption
- 6. Underground Injection Control

B. Universal Waste Activities

1. Large Quantity Handler of Universal Waste (accumulate 5,000 kg or more [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (check all boxes that apply):

	Generated	Accumulated
a. Batteries	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Pesticides	<input type="checkbox"/>	<input type="checkbox"/>
c. Thermostats	<input type="checkbox"/>	<input type="checkbox"/>
d. Lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>
f. Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>
g. Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>

- 2. Destination Facility for Universal Waste
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities

- 1. Used Oil Transporter - Indicate Type(s) of Activity(ies)
 - a. Transporter
 - b. Transfer Facility
- 2. Used Oil Processor and/or Re-refiner - Indicate Type(s) of Activity(ies)
 - a. Processor
 - b. Re-refiner
- 3. Off-Specification Used Oil Burner
- 4. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)
 - a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
 - b. Marketer Who First Claims the Used Oil Meets the Specifications

11. Description of Hazardous Wastes (See instructions on page 33)

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

D001	D002	D003	D004	D005	D006	D007
D008	D009	D010	D011	D018	D035	F003
F005	U009	U140	U154			

EPA ID No. 0 8 D 0 0 4 2 3 3 0 0 3

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.

12. Comments (See instructions on page 33)

Previous owner and operator from 01/01/96 to 12/31/2002 was Bayer Corporation
356 Three Rivers Parkway, Addyston, Ohio 45001-0039

Monsanto Company owned and operated site from 06/13/1952 to 12/31/1995

ADDRESS: 356 Three Rivers Parkway, Addyston, Ohio 45001-0039

13. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (See instructions on page 33)

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
<i>W. C. Ward</i>	W. C. Ward, Plant Manager	8/26/03

United States Environmental Protection Agency
HAZARDOUS WASTE PERMIT INFORMATION FORM

1. Facility Permit Contact (See instructions on page 35)	First Name: Mark	MI: W.	Last Name: Townsend
	Phone Number: 513-467-2352		Phone Number Extension: ----
2. Facility Permit Contact Mailing Address (See instructions on page 35)	Street or P.O. Box: Same as Site Contact		
	City, Town, or Village:		
	State:		
	Country: USA	Zip Code:	
3. Legal Owner Mailing Address and Telephone Number (See instructions on page 36)	Street or P.O. Box: 356 Three Rivers Parkway		
	City, Town, or Village: Addyston		
	State: Ohio		
	Country: USA	Zip Code: 45001-0039	Phone Number: 513-467-2400
4. Operator Mailing Address and Telephone Number (See instructions on page 36)	Street or P.O. Box: 356 Three Rivers Parkway		
	City, Town, or Village: Addyston		
	State: Ohio		
	Country: USA	Zip Code: 45001-0039	Phone Number: 513-467-2499
5. Facility Existence Date (See instructions on page 36)	Facility Existence Date (mm/dd/yyyy): 06/13/1952		

6. Other Environmental Permits (See instructions on page 36)												
A. Permit Type (Enter code)	B. Permit Number										C. Description	
E N R	1	4	3	1	0	1	0	0	5	4		State Air Permit Number NPDES Ohio EPA (RCRA)
	1	I	F	0	0	0	0	1	*	G	D	
	0	5	-	3	1	-	0	6	0	4		

7. Nature of Business (Provide a brief description; see instructions on page 37)

The Bayer Corporation Addyston, Ohio facility is located on the Ohio River in Addyston Ohio, twelve miles west (downstream) of Cincinnati, Ohio, in Hamilton County. The principal products are acrylonitrile-butadiene-styrene (ABS) and styrene-acrylonitrile (SAN) plastics. Styrene-maleic anhydride resins are also manufactured at this site. Widely diverse end uses are served such as automotive, appliances, housewares, toys, paints, luggage, and packaging.

8. Process Codes and Design Capacities (See instructions on page 37)

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Thirteen lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. For "other" processes (i.e., D99, S99, T04 and X99), describe the process (including its design capacity) in the space provided in Item 9.

B. PROCESS DESIGN CAPACITY- For each code entered in column A, enter the capacity of the process.

1. AMOUNT - Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code in column B(2) from the list of unit of measure codes below that describes the unit of measure used. Select only from the units of measure in this list.

C. PROCESS TOTAL NUMBER OF UNITS - Enter the total number of units for each corresponding process code.

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
D79	<u>Disposal:</u> Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day	T81	Cement Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
D80	Landfill	Acre-feet; Hectare-meter; Acres; Cubic Meters; Hectares; Cubic Yards	T82	Lime Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
D81	Land Treatment	Acres or Hectares	T83	Aggregate Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
D82	Ocean Disposal	Gallons Per Day or Liters Per Day	T84	Phosphate Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards	T85	Coke Oven	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
D99	Other Disposal	Any Unit of Measure Listed Below	T86	Blast Furnace	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
S01	<u>Storage:</u> Container	Gallons; Liters; Cubic Meters; or Cubic Yards	T87	Smelting, Melting, or Refining Furnace	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T88	Titanium Dioxide Chloride Oxidation Reactor	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
S03	Waste Pile	Cubic Yards or Cubic Meters	T89	Methane Reforming Furnace	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
S04	Surface Impoundment Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T90	Pulping Liquor Recovery Furnace	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
S05	Drift Pad	Gallons; Liters; Acres; Cubic Meters; Hectares; or Cubic Yards	T91	Combustion Device Used in The Recovery Of Sulfur Values From Spent Sulfuric Acid	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
S06	Containment Building Storage	Cubic Yards or Cubic Meters	T92	Other Industrial Furnaces Listed in 40 CFR §260.10	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour
S99	Other Storage	Any Unit of Measure Listed Below	T93		
T01	<u>Treatment:</u> Tank Treatment	Gallons Per Day; Liters Per Day; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; or Metric Tons Per Hour	T94	Containment Building - Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Day; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per Hour
T02	Surface Impoundment Treatment	Gallons Per Day; Liters Per Day; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; or Metric Tons Per Hour		<u>Miscellaneous (Subpart X)</u>	
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per Hour	X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Gallons Per Hour; Liters Per Hour; or Million Btu Per Hour	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Kilograms Per Day; Gallons Per Hour; Liters Per Hour; or Gallons Per Day
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; Btu Per Hour; or Million Btu Per Hour	X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; or Million Btu Per Hour
			X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
			X99	Other Subpart X	Any Unit of Measure Listed Below

UNIT OF MEASURE	UNIT OF MEASURE CODE
Gallons.....	C
Gallons Per Hour.....	E
Gallons Per Day.....	U
Liters.....	L
Liters Per Hour.....	H
Liters Per Day.....	V

UNIT OF MEASURE	UNIT OF MEASURE CODE
Short Tons Per Hour.....	D
Metric Tons Per Hour.....	W
Short Tons Per Day.....	N
Metric Tons Per Day.....	S
Pounds Per Hour.....	J
Kilograms Per Hour.....	R
Million Btu Per Hour.....	X

UNIT OF MEASURE	UNIT OF MEASURE CODE
Cubic Yards.....	Y
Cubic Meters.....	C
Acres.....	B
Acre-feet.....	A
Hectares.....	Q
Hectare-meter.....	F
Btu Per Hour.....	I

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (shown in line number X-1 below): A facility has a storage tank, which can hold 533.788 gallons.

Line Number	A. Process Code (From list above)		B. PROCESS DESIGN CAPACITY				(2) Unit of Measure (Enter code)	C. Process Total Number of Units			For Official Use Only			
			(1) Amount (Specify)											
X 1	S	0 2	5	3	3	.788	G	0	0	1				
1	S	0 1	5	0	0	0 0 0	G	0	0	1				
2	S	0 2	3	0	0	0 0 0	G	0	0	1				
3	S	0 2	6	6	9	7 0 0	G	0	0	1				
4	T	8 0	1	2	0	0 0 0	J	0	0	1				
5														
6														
7														
8														
9														
1 0														
1 1														
1 2														
1 3														

NOTE: If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in item 9.

9. Other Processes (See instructions on page 37 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)	A. Process Code (From list above)		B. PROCESS DESIGN CAPACITY				(2) Unit of Measure (Enter code)	C. Process Total Number of Units			D. Description of Process			
			(1) Amount (Specify)											
X 1	T	0 4									In-situ Vitification			
1														
2														
3														
4														

10. Description of Hazardous Wastes (See instructions on page 37)

- A. EPA HAZARDOUS WASTE NUMBER** - Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR Part 261, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY** - For each listed waste entered in column A, estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A, estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE** - For each quantity entered in column B, enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure, taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Items 8A and 9A on page 3 to indicate the waste will be stored, treated, and/or disposed at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Items 8A and 9A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

1. Enter the first two as described above.
2. Enter "000" in the extreme right box of Item 10.D(1).
3. Use additional sheet, enter line number from previous sheet, and enter additional code(s) in Item 10.E

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in Item 10.D(2) or in Item 10.E(2).

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING Item 10 (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operations. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number	A. EPA Hazardous Waste No. (Enter code)				B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES													
	(1) PROCESS CODES (Enter code)						(2) PROCESS DESCRIPTION (If a code is not entered in D(1))													
X 1	K	0	5	4	900	P	T	0	3	D	8	0								
X 2	D	0	0	2	400	P	T	0	3	D	8	0								
X 3	D	0	0	1	100	P	T	0	3	D	8	0								
X 4	D	0	0	2																Included With Above

10. Description of Hazardous Wastes (Continued; use additional sheets as necessary)

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES						(2) PROCESS DESCRIPTION (If a code is not entered in D(1))	
				(1) PROCESS CODES (Enter code)							
1	F 0 0 3	77000	P	S	0	1					Acetone/Methanol Spent Solvents
2	F 0 0 5	10000	P	S	0	1					Methyl Ethyl Ketone Spent Solvents
3	D 0 0 1	125000		S	0	1					Styrene/Acrylonitrile Mixture
4	D 0 3 5										Styrene/Acrylonitrile Mixture
5	F 0 0 5										Styrene/Acrylonitrile Mixture
6	D 0 0 1	40000	P	S	0	1					Various Ignitable Wastes
7	D 0 0 2	10000	P	S	0	1					Corrosive Wastes
8	U 0 0 9	2000	P	S	0	1					Acrylonitrile
9	D 0 0 3	6000	P	S	0	1					Reactive Wastes
10	D 0 0 4	500	P	S	0	1					Arsenic
11	D 0 0 5	500	P	S	0	1					Barium
12	D 0 0 6	500	P	S	0	1					Cadmium
13	D 0 0 7	500	P	S	0	1					Chromium
14	D 0 0 8	500	P	S	0	1					Lead
15	D 0 0 9	500	P	S	0	1					Mercury
16	D 0 1 0	500	P	S	0	1					Selenium
17	D 0 1 1	500	P	S	0	1					Silver
18	D 0 1 8	2000	P	S	0	1					Benzene
19	U 1 4 0	2000	P	S	0	1					Isobutyl Alcohol
20	U 1 5 4	2000	P	S	0	1					Methyl Alcohol
21	D 0 0 1	6000000	P	S	0	2	T	8	0		Spent Monomer Boiler Fuel
22	D 0 1 8										Spent Monomer Boiler Fuel
23	D 0 3 5										Spent Monomer Boiler Fuel
24	F 0 0 3										Spent Monomer Boiler Fuel
25	F 0 0 5										Spent Monomer Boiler Fuel
26											
27											
28											
29											
30											
31											
32											
33											

11. Map (See instructions on page 38)

Attach to this application a topographic map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements. SEE ATTACHED

12. Facility Drawing (See instructions on page 39)

All existing facilities must include a scale drawing of the facility (see instructions for more detail). SEE ATTACHED

13. Photographs (See instructions on page 39)

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail). SEE ATTACHED

14. Comments (See instructions on page 39)

Empty box for comments.