



International Business Machines Corporation

East Fishkill Facility, Route 52
Hopewell Junction, New York 12533
914/897-2121

November 13, 1980

Mr. Harry Ruisi
EPA Region II
Information Service Center
26 Federal Plaza
New York, New York 10007

Dear Mr. Ruisi:

Pursuant to the requirements of the Resource Conservation and Recovery Act (RCRA), I am attaching IBM East Fishkill Facility's Part A permit application. There are three completed Part A application forms -- one for the main East Fishkill Facility and two for our leased satellite locations. The attachments submitted with the three applications are listed on the enclosed table.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I have personally examined and am familiar with the information being submitted in the attached document and all attachments and, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

Very truly yours,

J. E. Bertram
President
Data Systems Division

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Attachments

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II. FIRST OR REVISED APPLICATION

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

13	73	74	75	76	77	78
B. REVISED APPLICATION (place an "X" below and complete Item I above)						

III. PROCESSES – CODES AND DESIGN CAPACITIES

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

- | PROCESS | | PRO-
CESS
CODE | APPROPRIATE UNITS OF
MEASURE FOR PROCESS
DESIGN CAPACITY | PROCESS | | PRO-
CESS
CODE | APPROPRIATE UNITS OF
MEASURE FOR PROCESS
DESIGN CAPACITY |
|--------------------------------|----------------------|--------------------------------|--|--|----------------------|-------------------------|--|
| Storage: | | | | Treatment: | | | |
| CONTAINER (barrel, drum, etc.) | | S01 | GALLONS OR LITERS | TANK | | T01 | GALLONS PER DAY OR LITERS PER DAY |
| TANK | | S02 | GALLONS OR LITERS | | | T02 | GALLONS PER DAY OR LITERS PER DAY |
| WASTE PILE | | S03 | CUBIC YARDS OR CUBIC METERS | SURFACE IMPOUNDMENT | | T03 | TONS PER HOUR OR METRIC TONS PER HOUR |
| SURFACE IMPOUNDMENT | | S04 | GALLONS OR LITERS | INCINERATOR | | T04 | GALLONS PER DAY OR LITERS PER DAY |
| Disposal: | | | | OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided below.) | | | |
| INJECTION WELL | | D79 | GALLONS OR LITERS | | | | |
| LANDFILL | | D80 | ACRE-Feet (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER | | | | |
| LAND APPLICATION | | D81 | ACRES OR HECTARES | | | | |
| OCEAN DISPOSAL | | D82 | GALLONS PER DAY OR LITERS PER DAY | | | | |
| SURFACE IMPOUNDMENT | | D83 | GALLONS OR LITERS | | | | |
| UNIT OF MEASURE | UNIT OF MEASURE CODE | UNIT OF MEASURE | UNIT OF MEASURE CODE | UNIT OF MEASURE | UNIT OF MEASURE CODE | UNIT OF MEASURE | UNIT OF MEASURE CODE |
| GALLONS | G | LITERS PER DAY | V | ACRE-Feet | A | HECTARE-METER | F |
| LITERS | L | TONS PER HOUR | D | ACRES | B | HECTARES | Q |
| CUBIC YARDS | Y | METRIC TONS PER HOUR | W | | | | |
| CUBIC METERS | C | GALLONS PER HOUR | E | | | | |
| GALLONS PER DAY | U | LITERS PER HOUR | H | | | | |

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

8				T/A C																	
C				DUP				1													
1 2				13 14 15																	
LINE NUMBER	A. PROCESS CODE (from list above)			B. PROCESS DESIGN CAPACITY				FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)			B. PROCESS DESIGN CAPACITY				FOR OFFICIAL USE ONLY				
				1. AMOUNT (specify)		2. UNIT OF MEASURE (enter code)							1. AMOUNT		2. UNIT OF MEASURE (enter code)						
	16	-	18 19	-		27	28	29	-	32		16	-	18 19	-		27	28	29	-	32
X-1	S	0	2	600		G					5	T	0	1	7,500 000		U				
X-2	T	0	3	20		E					6										
1	S	0	1	100,000 000		G					7										
2	S	0	1	35,000 000		G					8										
3	S	0	2	324,000 000		G					9										
4	T	0	1	7,500,000 000		J					10										
	16	-	18 19	-		27	28	29	-	32		16	-	18 19	-		27	28	29	-	32

II. PROCESSES (continued)

SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04" FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

V. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

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.

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**
 POUNDS.....P
 TONS.....T

METRIC UNIT OF MEASURE **CODE**
 KILOGRAMS.....K
 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.

1. 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 Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III 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: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

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 other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (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 operation. 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 NO.	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)	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

NOTE: Photocopy this page before completing if

have more than 26 wastes to list.

Form Approved OMB No. 158-S80004

EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE ONLY													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
W	N	Y	D	0	0	0	0	7	0	7	9	0	1	3	1	W	DUP						3	2	DUP	
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)																										
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES																			
	23	24	25	26			1. PROCESS CODES (enter)																			
	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46		
1	P	0	0	5	40,000 000	K	S	0	1	S	0	2														
2	P	0	1	1																						
3	P	0	1	2																						
4	P	0	1	6																						
5	P	0	2	2																						
6	P	0	3	0																						
7	P	0	5	3																						
8	P	0	9	5																						
9	P	0	9	6																						
10	P	0	9	8																						
11	P	1	0	6																						
12	P	1	2	0																						
13	U	0	0	1																						
14	U	0	0	2																						
15	U	0	0	4																						
16	U	0	0	9																						
17	U	0	1	3																						
18	U	0	1	9																						
19	U	0	2	3																						
20	U	0	3	1																						
21	U	0	3	7																						
22	U	0	4	3																						
23	U	0	4	4																						
24	U	0	4	5																						
25	U	0	5	2																						
26	U	0	5	6																						

EPA I.D. NUMBER (enter from page 1)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
W	N	Y	D	0	0	0	7	0	7	9	0	1	3	1											

W

DUP

3

2

DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES									
				1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))					
23	24	25	26	27	28	29	30	31	32	33	34	35	36
1	U 0 5 7												Included with Above
2	U 0 7 0												
3	U 1 1 2												
4	U 1 2 2												
5	U 1 2 3												
6	U 1 3 4												
7	U 1 3 5												
8	U 1 4 0												
9	U 1 4 4												
10	U 1 4 7												
11	U 1 5 1												
12	U 1 5 4												
13	U 1 5 9												
14	U 1 6 1												
15	U 1 8 8												
16	U 1 9 0												
17	U 1 9 6												
18	U 1 9 7												
19	U 2 1 0												
20	U 2 1 1												
21	U 2 1 3												
22	U 2 2 0												
23	U 2 2 6												
24	U 2 2 8												
25	U 2 3 9												
26	F 0 0 1	5,000,000 DC	K	S 0 1	S 0 2								

EPA I.D. NUMBER (enter from page 1)

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W N Y D 0 0 0 7 0 7 9 0 1 3 1

W DUP 3 2 DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES								
				1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (If a code is not entered in D(1))				
1	F 0 0 2											Included with Above
2	F 0 0 3											
3	F 0 0 4											
4	F 0 0 5											
5	F 0 0 7	850,000 000	K	S 0 1	S 0 2							
6	F 0 0 9											Included with Above
7	D 0 0 2											
8	D 0 0 3											
9	D 0 0 8											
10	D 0 0 2	400,000 000	K	S 0 1	S 0 2							
11	D 0 0 8											Included with Above
12	D 0 0 6	60,000 000	K	S 0 1								
13	D 0 0 2	30,000 000	K	S 0 1								
14	D 0 0 9											Included with Above
15	D 0 0 4	20,000 000	K	S 0 1								
16	D 0 0 8	60,000 000	K	S 0 1								
17	D 0 0 4	40,000 000	K	S 0 1								
18	D 0 0 1	50,000 000	K	S 0 1								
19	D 0 0 9	10,000 000	K	S 0 1								
20	F 0 0 6	6,000,000 00	K	S 0 1								
21	D 0 0 3	10,000 000	K	S 0 1								
22												
23												
24												
25												
26												

DESCRIPTION OF HAZARDOUS WASTE (continued)
USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE

FGIA / 55 FGIA / 56

EPA I.D. NO. (enter from page 1)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
N	Y	D	0	0	0	7	0	7	9	0	1	T/A	C	
												3	6	

FACILITY DRAWING
All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

I. PHOTOGRAPHS
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).

II. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)										LONGITUDE (degrees, minutes, & seconds)									
4	1	3	3	3	5	0				0	7	3	5	0	0	0	0		
65	66	67	68	69	70	71				72	73	74	75	76	77	78	79		

III. FACILITY OWNER
☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.
B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER										2. PHONE NO. (area code & no.)																			
3. STREET OR P.O. BOX										4. CITY OR TOWN										5. ST.					6. ZIP CODE				

X. OWNER CERTIFICATION
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, 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 imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED
John E. Bertram		11/13/80

X. OPERATOR CERTIFICATION
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, 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 imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED
John E. Bertram		11/3/80