(DO NOT USE)

FORM A: GENERAL FACILITY INFORMATION

APP IV

Company Name: E.I. du PONT de NEMOURS & COMPANY
Division/Subsidiary F + F DEPARTMENT
Facility Name: PARLIN PLANT

Address: WASHINGTON ROAD
No. Street

PARLIN, N.J. 08859
City State Zip Code

Name of Person Completing Form: JOHN R. MARSHALL

Position: ENVIRONMENTAL COORDINATOR

Phone Number: (201) 257-1000 EXT. 275

1. Year Facility Opened ..... 19 |1|5| (10-11)

2. Primary SIC Code ..... |2|8|5|1| (12-15)

3. Estimate the total amounts of process wastes (excluding wastes sold for use) generated by this facility during 1978:
USE ONLY TONS IF POSSIBLE - right justify response

thousand gallons ..... |_|_|_|_|_|_|_|_| (16-24)

hundred tons ..... |_|_|_|_|_|3|2| (25-32)

thousand cubic yards ..... |_|_|_|_|_|_|_|_| (33-41)

4. Estimate (in whole percents) how these process wastes generated in 1978 were disposed of:

in landfill ..... |_|_|0| (42-44)

in pit/pond/lagoon ..... |_|_|0| (45-47)

in deep well ..... |_|_|0| (48-50)

incinerated ..... |_|2|9| (51-53)

reprocessed/recycled ..... |_|6|3| (54-56)

evaporated ..... |_|_|0| (57-59)

unknown ..... |_|_|8| (60-62)

other (Specify _____) ..... |_|_|0| (63-65)

5. What is the total number of known sites (including disposal on the property where this facility is located as one site) that have been used for the disposal of process wastes from this facility since 1950? ..... |_|_|7| (66-68)

COMPLETE ONE FORM "B" FOR EACH OF THE SITES

A OVER

6. Have any of the process wastes generated at this facility been hauled (removed) from this facility for disposal? (Yes=1, no=2) ..... |1| (69)

IF YES, COMPLETE FORM "C"

7. Do you know the disposal site locations of all of the process waste hauled from your facility since 1950? (Yes=1; no=2) ..... |1| (70)

IF NO, COMPLETE ONE FORM "D" FOR EACH FIRM OR CONTRACTOR WHO TOOK WASTE TO AN UNKNOWN LOCATION

A OVER

298711

8. Specify the earliest year represented by information from company or facility records supplied on this and other forms ..... 19|7|5| (71-72)

B OVER

9. Specify the earliest year represented by information from employee knowledge supplied on this and other forms ..... 19|7|5| (73-74)

C OVER

A. PLANT RECORDS ONLY. GO BACK TWO YEARS

B. RECORDS FOR INCINERATION AND SHIPMENTS ARE GOOD FOR ABOUT TWO YEARS — DISCUSSIONS GO BACK TO 1975.

C. ANY KNOWLEDGE OF VALUE - THERE HAS BEEN BOTH ON SITE DISPOSAL AND OFF SITE DISPOSAL GOING BACK TO 1950 OF PAINT SLUDGE + RESIDUE BUT TYPES AND AMOUNTS ARE NOT KNOWN

FORM B: DISPOSAL SITE INFORMATION

FINAL

(DO NOT USE) (1-8)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: DUPONT CO. Division/Subsidiary: F+F
Facility Name: PARLIN PLANT
Name of Site: SCIENTIFIC CHEMICAL TREATMENT CO.
Address of Site: P.O. BOX 385
no. street

CARLSTAD NJ.
city state zip code

Name of Owner (while used by facility): GAESS ENVIRONMENTAL SERVICE, INC
Address: 253 RIVER DRIVE
no. street

PASSAIC N.J. 07055
city state zip code

Current Owner (if different from above):
Address:
no. street

city state zip code

1. Location (1= the property on which facility is located; 2= off-site) 2 (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) 2 (11)
3. Current status (1= closed; 2= still in use; 9=don't know) 9 (12)
   IF CLOSED, specify year closed ..... 19__ (13-14)
4. Year first used for process waste from this facility ..... 1969 (15-16)*
5. Year last used for process waste from this facility (enter "79" if still in use) 1978 (17-18)
6. Total amount of process waste from this facility disposed at site:
   USE TONS ONLY IF POSSIBLE: thousand gallons ..... (19-26)
   Right justify response hundred tons ..... 7 (27-33) **
   thousand cubic yards ..... (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)

landfill, mono industrial waste	9	(42)
landfill, mixed industrial waste	9	(43)
landfill, drummed waste	9	(44)
landfill, municipal refuse co-disposed	9	(45)
pits/ponds/lagoons	9	(46)
deep well injection	9	(47)
land farming	9	(48)
incineration	9	(49)
treatment (eg. neutralizing)	9	(50)
reprocessing/recycling	9	(51)
other (specify) _____	9	(52)

8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 9 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

* ESTIMATED

** FOR 1978 ONLY PREVIOUS YEARS RECORDS ARE NOT AVAILABLE

FORM 3 - Page 2 FINAL

(DO NOT USE) (1-5)

Company Name: DUPONT CO.
Division/Subsidiary F+F DEPT.
Facility Name: PARLIN PLANT

Site Name: SCIENTIFIC CHEMICAL TREATMENT CO.

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	2	(10)
pickling liquor	2	(11)
metal plating waste	2	(12)
circuit etchings	2	(13)
inorganic acid manufacture	2	(14)
organic acid manufacture	2	(15)
Base solutions, with pH>12	2	(16)
caustic soda manufacture	2	(17)
nylon and similar polymer generation	9	(18)
scrubber residual	2	(19)
Heavy metals & trace metals (bonded organically & inorganically)	2	(20)
arsenic, selenium, antimony	2	(21)
mercury	2	(22)
iron, manganese, magnesium	1	(23)
zinc, cadmium, copper, chromium (trivalent)	9	(24)
chromium (hexavalent)	9	(25)
lead	1	(26)
Radioactive residues, >50pico curies/gram	2	(27)
uranium residuals & residuals for UF_6 recycling	2	(28)
lathanide series elements and rare earth salts	2	(29)
phosphate slag	2	(30)
thorium	2	(31)
radium	2	(32)
other alpha, beta & gamma emitters	2	(33)
Organics	1	(34)
insecticides & intermediates	2	(35)
herbicides & intermediates	2	(36)
fungicides & intermediates	2	(37)
rodenticides & intermediates	2	(38)
halogenated aliphatics	9	(39)
halogenated aromatics	9	(40)
acrylates & latex emulsions	9	(41)
PCB/PBB's	2	(42)
amides, amines, imides	9	(43)
plastizers	1	(44)
resins	1	(45)
elastomers	9	(46)
solvents polar (except water)	1	(47)
carbontetrachloride	2	(48)
trichloroethylene	9	(49)
other solvents nonpolar	1	(50)
solvents halogenated aliphatic	9	(51)
solvents halogenated aromatic	9	(52)
oils and oil sludges	1	(53)
esters and ethers	1	(54)
alcohols	1	(55)
ketones & aldehydes	1	(56)
dioxins	2	(57)
Inorganics	1	(58)
salts	1	(59)
mercaptans	2	(60)
Misc.	1	(61)
pharmaceutical wastes	2	(62)
paints & pigments	1	(63)
catalysts (eg. vanadium, platinum, palladium)	9	(64)
asbestos	9	(65)
shock sensitive wastes (eg. nitrated toluenes)	2	(66)
air water reactive wastes (eg. P_2, aluminum chloride)	9	(67)
wastes with flash point below 100° F	[illegible]	(68)

FORM C: HAULER INFORMATION

(DO NOT USE) (1-5)

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDIARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950.

Company Name: DUPONT CO.
Division/Subsidiary: F+F DEPARTMENT
Facility Name: PARLIN PLANT

Name of Firm or Contractor	Address	ICC # (If Known)	Years Used
1. SCA CHEMICAL SERVICES CO. EARTHLINE DIVISION	100 LISTER AVE. NEWARK N.J. 07105		1
2. SMITH AND SOLOMON	PO BOX 2015 NEW BRUNSWICK, N.J. 08903		1
3. SOLVENTS RECOVERY SERVICE	SYLVAN AVE. LINDEN, N.J.		2 *
4. SCIENTIFIC CHEMICAL TREATMENT CO.	P.O. BOX 385 CARLSTAD, N.J.		2 *
5. KISKO TRANSPORTATION CO.	504 RARITAN ST. SAYREVILLE, N.J. 08859		1
6. RED STAR	9101 TONNELLE AVE NORTH BERGEN, N.J.		1
7. DUPONT TRUCKING	NEW CASTLE, DELAWARE		2 *

* ONLY HAVE RECORDS FOR TWO YEARS - THESE FIRMS HAVE PROBABLY BEEN USED FOR LONGER PERIOD.

(DO NOT USE) (1-9)

FORM A: GENERAL FACILITY INFORMATION

Company Name: E. I. du Pont de Nemours & Co. Inc.
Division/Subsidiary: Chemicals Dyes & Pigments Dept
Facility Name: Grasselli Plant

Address: _____
No. Street

Linden New Jersey 07036
City State Zip Code

Name of Person Completing Form: Harry W. McDowell

Position: Environmental Control Coordinator

Phone Number: ( )

1. Year Facility Opened ..... ~~19~~ 18 85 (10-11)

2. Primary SIC Code 2819 (12-15)

3. Estimate the total amounts of process wastes (excluding wastes sold for use) generated by this facility during 1978:
USE ONLY TONS IF POSSIBLE - right justify response

thousand gallons ..... (16-24)

hundred tons 14 (25-32)

thousand cubic yards ..... (33-41)

4. Estimate (in whole percents) how these process wastes generated in 1978 were disposed of:

in landfill 9 (42-44)

in pit/pond/lagoon 0 (45-47)

in deep well 0 (48-50)

incinerated 91 (51-53)

reprocessed/recycled 0 (54-56)

evaporated 0 (57-59)

unknown 0 (60-62)

other (Specify _____) 0 (63-65)

5. What is the total number of known sites (including disposal on the property where this facility is located as one site) that have been used for the disposal of process wastes from this facility since 1950? 7 (66-68)

COMPLETE ONE FORM "B" FOR EACH OF THE SITES

6. Have any of the process wastes generated at this facility been hauled (removed) from this facility for disposal? (Yes=1; no=2) 1 (69)

IF YES, COMPLETE FORM "C"

7. Do you know the disposal site locations of all of the process waste hauled from your facility since 1950? (Yes=1; no=2) 1 (70)

IF NO, COMPLETE ONE FORM "D" FOR EACH FIRM OR CONTRACTOR WHO TOOK WASTE TO AN UNKNOWN LOCATION

8. Specify the earliest year represented by information from company or facility records supplied on this and other forms 1910 (71-72)

9. Specify the earliest year represented by information from employee knowledge supplied on this and other forms 1950 (73-74)

FORM 3: DISPOSAL SITE INFORMATION

(DO NOT USE) (1-8)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: E.I. duPont de Nemours & Co. Division/Subsidiary CD&P DEPT
Facility Name: GRASSELLI PLANT
Name of Site: SCIENTIFIC CHEMICAL PROCESSING
Address of Site: 216 PATTERSON PLANK ROAD
no. street

CARLSTADT NEW JERSEY 07072
city state zip code

Name of Owner (while used by facility): SCIENTIFIC CHEMICAL PROCESSING
Address: 216 PATTERSON PLANK ROAD
no. street

CARLSTADT NEW JERSEY 07072
city state zip code

Current Owner (if different from above): UNKNOWN
Address:
no. street

city state zip code

1. Location (1= the property on which facility is located; 2= off-site) 2 (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) 2 (11)
3. Current status (1= closed; 2= still in use; 9=don't know) 9 (12)
   IF CLOSED, specify year closed ..... 19 __ (13-14)
4. Year first used for process waste from this facility 19 72 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 19 75 (17-18)
6. Total amount of process waste from this facility disposed at site:
   USE TONS ONLY IF POSSIBLE: thousand gallons ..... (19-26)
   Right justify response hundred tons 20 (27-33)
   thousand cubic yards ..... (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)

landfill, mono industrial waste	9	(42)
landfill, mixed industrial waste	9	(43)
landfill, drummed waste	9	(44)
landfill, municipal refuse co-disposed ...	9	(45)
pits/ponds/lagoons	9	(46)
deep well injection	9	(47)
land farming	9	(48)
incineration	9	(49) *
treatment (eg. neutralizing).....	9	(50)
reprocessing/recycling	9	(51)
other (specify)	9	(52)

8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

UNKNOWN

* INCINERATION UTILIZED FOR OUR WASTES

RESIDUAL MATERIAL LANDFILLED.

FORM B - Page 2 FINAL

								(1-8)
								(DO NOT USE)

Company Name: E.I. duPont de Nemours & Co. Inc
Division/Subsidiary: CD&P DEPARTMENT
Facility Name: GRASSELLI PLANT

Site Name: SCIENTIFIC CHEMICAL PROCESSING

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	2	(10)
pickling liquor	2	(11)
metal plating waste	2	(12)
circuit etchings	2	(13)
inorganic acid manufacture	2	(14)
organic acid manufacture	2	(15)
Base solutions, with pH>12	2	(16)
caustic soda manufacture	2	(17)
nylon and similar polymer generation	2	(18)
scrubber residual	2	(19)
Heavy metals & trace metals (bonded organically & inorganically)	2	(20)
arsenic, selenium, antimony	2	(21)
mercury	2	(22)
iron, manganese, magnesium	2	(23)
zinc, cadmium, copper, chromium (trivalent)	2	(24)
chromium (hexavalent)	2	(25)
lead	2	(26)
Radioactive residues, >30pico curies/gram	2	(27)
uranium residuals & residuals for UF_6 recycling	2	(28)
lathanide series elements and rare earth salts	2	(29)
phosphate slag	2	(30)
thorium	2	(31)
radium	2	(32)
other alpha, beta & gamma emitters	2	(33)
* Organics	1	(34)
insecticides & intermediates	1	(35)
herbicides & intermediates	2	(36)
fungicides & intermediates	1	(37)
rodenticides & intermediates	2	(38)
halogenated aliphatics	1	(39)
halogenated aromatics	1	(40)
acrylates & latex emulsions	2	(41)
PCB/PBB's	2	(42)
amides, amines, imides	1	(43)
plastizers	2	(44)
resins	2	(45)
elastomers	2	(46)
solvents polar (except water)	2	(47)
carbontetrachloride	1	(48)
trichloroethylene	2	(49)
other solvents nonpolar	1	(50)
solvents halogenated aliphatic	2	(51)
solvents halogenated aromatic	2	(52)
oils and oil sludges	2	(53)
esters and ethers	1	(54)
alcohols	2	(55)
ketones & aldehydes	1	(56)
dioxins	2	(57)
Inorganics	1	(58)
salts	1	(59)
mercaptans	2	(60)
Misc.	1	(61)
pharmaceutical wastes	1	(62)
paints & pigments	2	(63)
catalysts (eg. vanadium, platinum, palladium)	2	(64)
asbestos	2	(65)
shock sensitive wastes (eg. nitrated toluenes)	2	(66)
air water reactive wastes (eg. P_4, aluminum chloride)	2	(67)
wastes with flash point below 100° F	2	(68)

* "ORGANICS" REPRESENT < 10% OF TOTAL WASTES

FORM C: HAULER INFORMATION

(DO NOT USE) (1-5)

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDIARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950.

Company Name: E.I. du Pont de Nemours & Co., Inc.
Division/Subsidiary: CD&P Department
Facility Name: Grasselli Plant

Name of Firm or Contractor	Address	ICC # (If Known)	Years Used
Elizabeth Disposal, Inc.	714 Division Street Elizabeth, New Jersey	-	1971-79
Rollins Environmental Services (NJ), Inc.	Route 322 P.O. Box 221 Bridgeport, N.J. 08014		1971-79
Rollins Environmental Services, Inc.	One Rollins Plaza P. O. Box 2349 Wilmington, Del. 19803		1971-79
Scientific Chemical Processing, Inc.	216 Patterson Plank Road Carlstadt, N.J. 07072		1972-75
Scientific, Inc.	383 Meadow Road Edison, N.J. 08817		1972
GAESS Environmetal Service Corp.	253 River Drive Passaic, N.J.		1971-73
Criterion Tank Cleaning & Disposal	P. O. Box 267 Hillside, N.J.		1971-73

A cale Nitre-ual waste

mixture
90% water
5% thal amine
5% caste ad
5% Sodium Sulfa
2% Sodium Bro
3% inc

FINAL

| | | | | | | | | (1-8)
(DO NOT USE)

FORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: E.I. DUPONT DE NEMOURS Division/Subsidiary PPER DEPT.
Facility Name: WILLOW BANK PLANT
Name of Site: SCIENTIFIC CHEMICAL PROCESSING INC
Address of Site: 216 PATERSON PLANK RD.
no. street

CARLSTADT, N.J. 07072
city state zip code

Name of Owner (while used by facility): SAME
Address: 411 WILSON AVE
no. street

NEWARK, N.J. 07105
city state zip code

Current Owner (if different from above):
Address:
no. street

city state zip code

1. Location (1= the property on which facility is located; 2= off-site) 2 (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) 2 (11)
3. Current status (1= closed; 2= still in use; 9=don't know) 2 (12)
   IF CLOSED, specify year closed ..... 19 | | (13-14)
4. Year first used for process waste from this facility 19 7 6 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 19 7 9 (17-18)
6. Total amount of process waste from this facility disposed at site:
   USE TONS ONLY IF POSSIBLE: thousand gallons ..... | | | | | | | (19-26)
   Right justify response hundred tons ..... | | | | | | 0 (27-33)
   (1) ACTUAL USE = 26 TONS thousand cubic yards ..... | | | | | | | (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)

landfill, mono industrial waste	3	(42)
landfill, mixed industrial waste	3	(43)
landfill, drummed waste	3	(44)
landfill, municipal refuse co-disposed	3	(45)
pits/ponds/lagoons	3	(46)
deep well injection	3	(47)
land farming	3	(48)
incineration	1	(49)
treatment (eg. neutralizing)	9	(50)
reprocessing/recycling	1	(51)
other (specify)	9	(52)

8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

(DO NOT USE)

Company Name: E.I. DUPONT DE NEMOURS INC
Division/Subsidiary PP&R
Facility Name: WILLOW BANK PLANT

Site Name: SCIENTIFIC CHEMICAL PROCESSING INC

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	2	(10)
pickling liquor	2	(11)
metal plating waste	2	(12)
circuit etchings	2	(13)
inorganic acid manufacture	2	(14)
organic acid manufacture	2	(15)
Base solutions, with pH>12	2	(16)
caustic soda manufacture	2	(17)
nylon and similar polymer generation	2	(18)
scrubber residual	2	(19)
Heavy metals & trace metals (bonded organically & inorganically)	2	(20)
arsenic, selenium, antimony	2	(21)
mercury	2	(22)
iron, manganese, magnesium	2	(23)
zinc, cadmium, copper, chromium (trivalent)	2	(24)
chromium (hexavalent)	2	(25)
lead	2	(26)
Radioactive residues, >30pico curies/gram	2	(27)
uranium residuals & residuals for UF_6 recycling	2	(28)
lathanide series elements and rare earth salts	2	(29)
phosphate slag	2	(30)
thorium	2	(31)
radium	2	(32)
other alpha, beta & gamma emitters	2	(33)
Organics	1	(34)
insecticides & intermediates	2	(35)
herbicides & intermediates	2	(36)
fungicides & intermediates	2	(37)
rodenticides & intermediates	2	(38)
halogenated aliphatics	2	(39)
halogenated aromatics	2	(40)
acrylates & latex emulsions	2	(41)
PCB/PBB's	2	(42)
amides, amines, imides	2	(43)
plastizers	2	(44)
resins	1	(45)
elastomers	2	(46)
solvents polar (except water)	2	(47)
carbontetrachloride	2	(48)
trichloroethylene	2	(49)
other solvents nonpolar	2	(50)
solvents halogenated aliphatic	2	(51)
solvents halogenated aromatic	2	(52)
oils and oil sludges	1	(53)
esters and ethers	2	(54)
alcohols	1	(55)
ketones & aldehydes	1	(56)
dioxins	2	(57)
Inorganics	2	(58)
salts	2	(59)
mercaptans	2	(60)
Misc	1	(61)
pharmaceutical wastes	2	(62)
paints & pigments	2	(63)
catalysts (eg. vanadium, platinum, palladium)	2	(64)
asbestos	2	(65)
shock sensitive wastes (eg. nitrated toluenes)	2	(66)
air water reactive wastes (eg. P_2, aluminum chloride)	2	(67)
wastes with flash point below 100° F	1	(68)