NJD000 312371

SDMS Document
126022

AMSPEC CHEMICAL CORPORATION
a/k/a Harshaw Chemical Co.

AMSPEC Chemical Corp. previously Harshaw Chemical Co. is the manufacturer of various chemicals of a metalic organic compound nature that are applied to glass for color.

The bulk of the waste generated on site comes from the Acetyllacetonate process. The waste is generated periodically. The manufacturing process generating the waste is manufactured on a demand basis. The waste generated comes from laboratory wastes and carbon filter material that is used to filter Sodium Methylate, also NaOH solution used in the production process with corrosive waste generated. No waste is stored on site. Waste generated are with Alcohol, Sodium Methylate, Propargyl Alcohol, Sodium Hydroxide and waste oil.

During NJDEP inspections various violations have been sited, such a lack of personnel training, possible illegal storage.

AMSPEC Chemical Corporation is located on the banks of the Delaware River and due to the nature of the products manufactured a high priority has been assigned to this site.

SUBMITTED BY

Fred Schmitt
Project Manager
RCRA 3012 Project

Preliminary Assessment

A M S P E C CHEMICAL CORP
FOOT OF WATER STREET
GLOUCESTER CITY
CAMDEN COUNTY

A/K/A HARSHAW CHEMICAL

EPA I.D. # NJD000312371

LAT. 39° 53' 18"
LONG. 75' 07' 51"

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE | 02 SITE NUMBER

II. SITE NAME AND LOCATION AKA HARSAW CHEMICAL

01 SITE NAME (Legal, common, or descriptive name of site): AMSPEC CHEMICAL COMPANY
02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER: FOOT OF WATER STREET
03 CITY: GLOUCESTER CITY
04 STATE: NJ
05 ZIP CODE: 08030
06 COUNTY: CAMDEN
07 COUNTY CODE:
08 CONG DIST:
09 COORDINATES LATITUDE: 39° 53' 18" LONGITUDE: 75° 07' 51"
PART OF 17
BL 110 LOT 2,8,9,16,14,7,7A
10 DIRECTIONS TO SITE (Starting from nearest public road): Foot of Water Street of Market St. Gloucester City CAMDEN COUNTY

III. RESPONSIBLE PARTIES

01 OWNER (if known): KEWALNEE OIL(DIV. OF HARSHAW CHEM)
02 STREET (Business, mailing, residential): WATER ST
03 CITY: GLOUCESTER CITY
04 STATE: NJ
05 ZIP CODE: 08030
06 TELEPHONE NUMBER: (609) 456-3930
07 OPERATOR (if known and different from owner):
08 STREET (Business, mailing, residential):
09 CITY:
10 STATE:
11 ZIP CODE:
12 TELEPHONE NUMBER: ( )
13 TYPE OF OWNERSHIP (Check one)
[X] A. PRIVATE [ ] B. FEDERAL: _____ (Agency name) [ ] C. STATE [ ] D. COUNTY [ ] E. MUNICIPAL
[ ] F. OTHER: _____ (Specify) [ ] G. UNKNOWN
14 OWNER OPERATOR INDICATION PUBLISHED (Check all that apply)
[ ] A. RCRA 3001 DATE RECEIVED ___ / ___ / ___ (MONTH DAY YEAR) [ ] B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED ___ / ___ / ___ (MONTH DAY YEAR) [ ] C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
[X] YES DATE 4 13 83 (MONTH DAY YEAR)
[ ] NO
BY (Check all that apply)
[ ] A. EPA [ ] B. EPA CONTRACTOR [X] C. STATE [ ] D. OTHER CONTRACTOR
[ ] E. LOCAL HEALTH OFFICIAL [ ] F. OTHER: _____ (Specify)
CONTRACTOR NAME(S): _____

02 SITE STATUS (Check one)
[X] A. ACTIVE [ ] B. INACTIVE [ ] C. UNKNOWN
03 YEARS OF OPERATION
1950 (BEGINNING YEAR) present (ENDING YEAR) [ ] UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Sodium Methylate Solvents propargyl alcohol, Sodium Hydroxide caustic solution and waste oil.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
A RCRA inspection 2/11/82 cited. Leaking drums,spillage in dike area of waste chromium mixed with water.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
[X] A. HIGH (Inspection required promptly) [ ] B. MEDIUM (Inspection required) [ ] C. LOW (Inspect on time available basis) [ ] D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT:
02 OF (Agency/Organization):
03 TELEPHONE NUMBER: ( )
04 PERSON RESPONSIBLE FOR ASSESSMENT: FRED SCHMITT
05 AGENCY: NJDEP
06 ORGANIZATION: HSMA/BEERA
07 TELEPHONE NUMBER: (609) 292-1219
08 DATE: 4 9 84 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- ☐ A SOLID
- ☐ B POWDER, FINES
- X C SLUDGE
- ☐ D OTHER _____ (Specify)
- ☐ E SLURRY
- X ☐ F LIQUID
- ☐ G GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS 731.335 B

CUBIC YARDS _____

NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- ☐ A TOXIC
- X ☐ B CORROSIVE
- ☐ C RADIOACTIVE
- ☐ D PERSISTENT
- ☐ E SOLUBLE
- ☐ F INFECTIOUS
- X X G FLAMMABLE
- ☐ H IGNITABLE
- ☐ I HIGHLY VOLATILE
- ☐ J EXPLOSIVE
- ☐ K REACTIVE
- ☐ L INCOMPATIBLE
- ☐ M NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS AMOUNT DISPOSED
SLU	SLUDGE			
OLW	OILY WASTE	34,990	LBS.	WASTE PROPARGYL ALCOHOL
SOL	SOLVENTS	159,180	LBS.	A REACTOR CLEAN OUT
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	1,268,500	LBS	LIQUID N.O.S. Chromium

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
MES	CHROMIUM	7440.473	DRUM	220	PPM

A

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-12 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS *(Continued)*

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION *(Include name(s) of species)*

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES *(Spills, runoff, standing liquids, leaking drums)* — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION
Lab Analysis-Stablex Reutler sample # AF 41383A CASE# 04-14-3
Chromium, total 8.0 ppm sample taken from leaking roll-off

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

RCRA INSPECTION REVIEW SHEET/STABLEX REUTLER LAB ANALYSIS 5/31/83
NJDEP INSPECTION FORM

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 XX B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) XX POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Site located on the Delaware River

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

01 XX F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: _____ (Acres)
02 ☐ OBSERVED (DATE: _____) XX POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Spills have been observed during NJDEP inspection

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

PRELIMINARY ASSESSMENT FILE SEARCH

NJDEP

DIVISION OF WATER RESOURCES:

A. Enforcement has files - check

B. Groundwater no file.

C. Other

DIVISION OF WASTE MANAGEMENT:

A. HSMA

B. Enforcement Southampton field office ✓

C. Solid Waste

ENVIRONMENTAL QUALITY:

A. Air Pollution

B. Pesticides

C. Other

DIVISION OF FISH AND GAME:

OFFICE OF SCIENCE AND RESEARCH:

A. Industrial Survey has files

B. Other

N.J. DEPARTMENT OF HEALTH:

LOCAL AUTHORITIES:

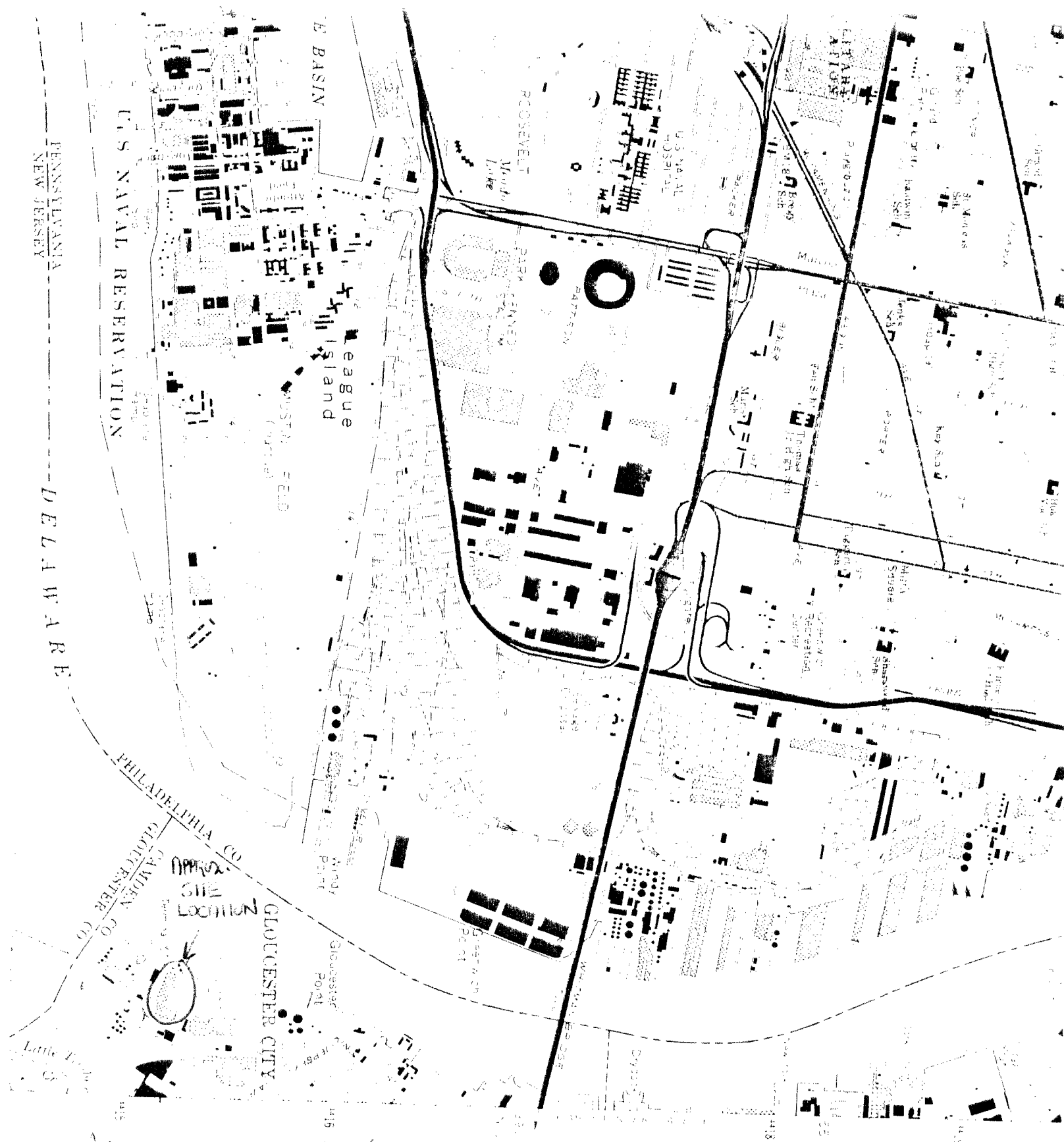
A. Health Department

B. Town or County Clerk

UNITED STATES GOVERNMENT:

A. EPA

B. other



AMSPEC Chemical Corp.
Gloucester City
Camden, Co.

Lat 39° 53' 18"
Long 75° 07' 51"

96th Congress
1st Session

COMMITTEE PRINT

Committee
Print 96-IFC-33

WASTE DISPOSAL SITE SURVEY

REPORT

together with

ADDITIONAL AND SEPARATE VIEWS

BY THE

SUBCOMMITTEE ON OVERSIGHT AND INVESTIGATIONS

OF THE

COMMITTEE ON INTERSTATE AND FOREIGN COMMERCE

HOUSE OF REPRESENTATIVES

NINETY-SIXTH CONGRESS

FIRST SESSION

OCTOBER 1979

FRANKLINVILLE FRANKLIN TOWNSHIP LANDFILL, PENNSYLVANIA AVE 08322

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1974 TO 1978. AT TIME OF USE, SITE WAS PUBLICLY OWNED. SITE IS STILL BEING USED. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS, INORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE LANDFILL IN WHICH MUNICIPAL WASTE IS CO-DISPOSED.

FRANKLINVILLE FRANKLIN TOWNSHIP LANDFILL, WILLIAMSTOWN ROAD 08322

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1968 TO 1974. AT TIME OF USE, SITE WAS PUBLICLY OWNED. SITE IS NO LONGER IN USE. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS, INORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE LANDFILL IN WHICH MUNICIPAL WASTE IS CO-DISPOSED.

FRANKLINVILLE FRANKLINVILLE TOWNSHIP LANDFILL, LAKE ROAD 08322

SITE IS NOT LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY, BUT IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1965 TO 1967. AT TIME OF USE, SITE WAS PUBLICLY OWNED. SITE IS NO LONGER IN USE. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ORGANICS, INORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE LANDFILL IN WHICH MUNICIPAL WASTE IS CO-DISPOSED.

GARFIELD GARFIELD PLANT, 290 RIVER DRIVE 07026

SITE IS LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY AND IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1961 TO 1979. SITE IS STILL BEING USED. AMOUNT OF CHEMICAL PROCESS WASTE DISPOSED OF AT THIS SITE THROUGH 1978 WAS REPORTED AS 160.97 HUNDRED TONS. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ACID SOLUTIONS (WITH PH < 5), ORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE LANDFILL IN WHICH MUNICIPAL WASTE IS CO-DISPOSED AND INCINERATION.

GIBBSTOWN HIGGINS PLANT, NORTH MARKET STREET 08027

SITE IS LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY AND IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1955 TO 1979. SITE IS NO LONGER IN USE. AMOUNT OF CHEMICAL PROCESS WASTE DISPOSED OF AT THIS SITE THROUGH 1978 WAS REPORTED AS 8 HUNDRED TONS. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE HEAVY METALS AND TRACE METALS (COMBINED ORGANICALLY AND INORGANICALLY), ORGANICS, INORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE MIXED INDUSTRIAL WASTE LANDFILL, UNLINED WASTE LANDFILL, PITS, PONDS AND LAGOONS, INCINERATION AND REPROCESSING AND/OR RECYCLING.

GIBBSTOWN REPAURO PLANT LANDFILL, REPAURO AVE. 08027

SITE IS LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY AND IS KNOWN TO HAVE BEEN USED FOR DISPOSAL IN 1975 AT LATEST. SITE IS STILL BEING USED. AMOUNT OF CHEMICAL PROCESS WASTE DISPOSED OF AT THIS SITE THROUGH 1978 WAS REPORTED AS 226 HUNDRED TONS. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE ACID SOLUTIONS (WITH PH < 5), HEAVY METALS AND TRACE METALS (COMBINED ORGANICALLY AND INORGANICALLY), ORGANICS, INORGANICS AND MISCELLANEOUS WASTE MATERIAL. METHODS OF DISPOSAL INCLUDE MIXED INDUSTRIAL WASTE LANDFILL, MIXED INDUSTRIAL WASTE LANDFILL, UNLINED WASTE LANDFILL, PITS, PONDS AND LAGOONS AND INCINERATION.

GLOUCESTER CITY THE HARSHAW CHEMICAL COMPANY, FOOT OF WATER STREET 08030

SITE IS LOCATED ON PROPERTY OF CHEMICAL PLANT PARTICIPATING IN SURVEY AND IS KNOWN TO HAVE BEEN USED FOR DISPOSAL FROM 1950 TO 1979. SITE IS STILL BEING USED. AMOUNT OF CHEMICAL PROCESS WASTE DISPOSED OF AT THIS SITE THROUGH 1978 WAS REPORTED AS 4 HUNDRED TONS. CHEMICAL COMPONENTS OF WASTE DISPOSED AT THIS SITE INCLUDE BASE SOLUTIONS (WITH PH > 12), HEAVY METALS AND TRACE METALS (COMBINED ORGANICALLY AND INORGANICALLY), ORGANICS AND INORGANICS. METHODS OF DISPOSAL INCLUDE REPROCESSING AND/OR RECYCLING AND OTHER UNCATAGORIZED METHODS.

GLOUCESTER TWP ATLANTIC CITY LANDF

SITE IS NOT LOCATED ON PROPERTY OF CH
BEEN USED FOR DISPOSAL FROM 1955 TO 197
CHEMICAL COMPANY INCLUDED IN THIS SURVEY
COMPONENTS OF WASTE DISPOSED AT THIS SITE
OF DISPOSAL INCLUDE MIXED INDUSTRIAL WAS
MUNICIPAL WASTE IS CO-DISPOSED.

GREEN VILLAGE GREEN VILLAGE DITC

SITE IS NOT LOCATED ON PROPERTY OF CH
BEEN USED FOR DISPOSAL FROM 1955 TO 1969
CHEMICAL COMPANY INCLUDED IN THIS SURVEY
DISPOSED AT THIS SITE INCLUDE ORGANICS, A
MIXED INDUSTRIAL WASTE LANDFILL, UNLINED
CO-DISPOSED.

GROVEVILLE EUGENE PARKS, WOOD

SITE IS NOT LOCATED ON PROPERTY OF CH
BEEN USED FOR DISPOSAL FROM 1955 TO 1955
CHEMICAL COMPANY INCLUDED IN THIS SURVEY
DISPOSED AT THIS SITE INCLUDE HEAVY METALS
ORGANICS, INORGANICS AND MISCELLANEOUS WAS
METHODS

HACKENSACK TRIAD PLASTICS, P

SITE IS NOT LOCATED ON PROPERTY OF CH
BEEN USED FOR DISPOSAL FROM 1 AT
CHEMICAL COMPANY INCLUDED IN THIS SURVEY
DISPOSED AT THIS SITE INCLUDE HEAVY METALS
ORGANICS AND MISCELLANEOUS WASTE MATERIAL

ISELIN NADE UNINCORPORATED, 16

SITE IS LOCATED ON PROPERTY OF CHEMICA
USED FOR DISPOSAL FROM 1952 TO 1979. SITE
DISPOSED OF AT THIS SITE WAS NOT REPORTED
BASE SOLUTIONS (WITH PH > 12), HEAVY METALS
INORGANICS. METHODS OF DISPOSAL INCLUDE

ISELIN NADE UNINCORPORATED, 16

SITE IS LOCATED ON PROPERTY OF CHEMICA
USED FOR DISPOSAL FROM 1955 TO 1959. SITE
DISPOSED OF AT THIS SITE UNKNOWN (WITH PH
DISPOSED AT THIS SITE INCLUDE BASE SOLUTIO
ORGANICALLY AND INORGANICALLY) AND ORGANI

JACKSBURGH J. E. S. FURGANO, RD

SITE IS NOT LOCATED ON PROPERTY OF CHEM
BEEN USED FOR DISPOSAL FROM 1 TO 1979
CHEMICAL COMPANY INCLUDED IN THIS SURVEY
DISPOSED AT THIS SITE INCLUDE HEAVY METALS
ORGANICS, INORGANICS AND MISCELLANEOUS WAS
SITE LANDFILL AND MIXED INDUSTRIAL WASTE L

KORSEY CITE BEARDSLEY SHARPLES CORP

SITE IS LOCATED ON PROPERTY OF CHEMICA
USED FOR DISPOSAL FROM 1 TO 1979. SITE
CHEMICAL PROCESS WASTE DISPOSED OF AT THIS
COMPONENTS OF WASTE DISPOSED AT THIS SITE
METHODS OF DISPOSAL INCLUDE MIXED INDUSTRIA

COMPLETE THIS FORM FOR EACH OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK TO AN UNKNOWN LOCATION

(DO NOT USE)

Company Name: The Harshaw Chemical Co. - A Division of Gulf Oil Corp.
Facility Name: Gloucester City Plant
Name of Hauling Firm/Contractor: Chemical Recovery Corp.
Address: (no.) 656 (street) Georges Road
(city) North Brunswick (state) NJ (zip code) 08902

1. Year first used 19 7 5 (10-11)
2. Year last used (enter "79" if still in use) ..... 19 _ _ (12-13)
3. Total amount of process waste hauled from this facility:
   thousand gallons ..... _ _ _ _ _ _ _ _ (14-21)
   hundred tons ..... _ _ _ _ _ _ 1 (22-28)
   thousand cubic yards ..... _ _ _ _ _ _ _ _ (29-36)
4. 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	(37)
pickling liquor	2	(38)
metal plating waste	2	(39)
circuit etchings	2	(40)
inorganic acid manufacture	2	(41)
organic acid manufacture	2	(42)
Base solutions, with pH>10	2	(43)
caustic soda manufacture	2	(44)
nylon and similar polymer generation	2	(45)
scrubber residual	2	(46)
Heavy metals & trace metals (bonded organically & inorganically)	1	(47)
arsenic, selenium, antimony	2	(48)
mercury	2	(49)
iron, manganese, magnesium	1	(50)
zinc, cadmium, copper, chromium (trivalent)	1	(51)
chromium (hexavalent)	2	(52)
lead	1	(53)
Radioactive residues, >3 pico curies/liter	2	(54)
uranium residuals & residuals for UF_6 recycling	2	(55)
lathanide series elements and rare earth salts	2	(56)
phosphate slag	2	(57)
thorium	2	(58)
radium	2	(59)
other alpha, beta & gamma emitters	2	(60)
Organics	1	(61)
pesticides & intermediates	2	(62)
herbicides & intermediates	2	(63)
fungicides & intermediates	2	(64)
rodenticides & intermediates	2	(65)
halogenated aliphatics	2	(66)
halogenated aromatics	2	(67)
acrylates & latex emulsions	2	(68)
PCB/PBB's	2	(69)
amides, amines, imides	2	(70)
plastizers	2	(71)
resins	1	(72)
elastomers	2	(73)
solvents polar (except water)	9	(74)
carbontetrachloride	2	(75)
trichloroethylene	2	(76)
other solvents nonpolar	2	(77)
solvents halogenated aliphatic	9	(78)
solvents halogenated aromatic	9	(79)
oils and oil sludges	1	(10)
esters and ethers	1	(11)
alcohols	1	(12)
ketones & aldehydes	1	(13)
dioxins	2	(14)
Inorganics	1	(15)
salts	1	(16)
mercaptans	2	(17)
Misc	9	(18)
pharmaceutical wastes	2	(19)
paints & pigments	2	(20)
catalysts (eg. vanadium, platinum, palladium)	2	(21)
asbestos	2	(22)
shock sensitive wastes (eg. nitrated toluenes)	2	(23)
air water reactive wastes (eg. P_4, aluminum chloride)	2	(24)
wastes with flash point below 100° F	2	(25)