EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

SDMS Document
67625

REGION | SITE NUMBER (to be assigned by HQ)

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: SCIENTIFIC CHEMICAL PROCESSING
B. STREET (or other identifier): 216 PARERSON PLANK ROAD
C. CITY: CARLSTADT
D. STATE: N.J.
E. ZIP CODE: 07072
F. COUNTY NAME: BERGEN

G. SITE OPERATOR INFORMATION
1. NAME: SCIENTIFIC CHEMICAL PROCESSING INC.
2. TELEPHONE NUMBER: (201) 589-7777
3. STREET: 411 WILSON AVENUE
4. CITY: NEWARK
5. STATE: N.J.
6. ZIP CODE: 07105

H. REALTY OWNER INFORMATION (if different from operator of site)
1. NAME: Ingmar Associates Inc.
2. TELEPHONE NUMBER: 201-322-6767
3. CITY: 1703 E. Second Street, Scotch Plains
4. STATE: NJ
5. ZIP CODE: 07076

I. SITE DESCRIPTION: RECOVERY & RECYCLING OF BI-PRODUCT AND WASTE SOLVENTS & CHEMICALS.

J. TYPE OF OWNERSHIP
☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE
Block 124 - lot 1 and 5

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.): 10-10-80
B. APPARENT SERIOUSNESS OF PROBLEM
☐ 1. HIGH ☒ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE

C. PREPARER INFORMATION
1. NAME: A. ARCENAL, DWR
A. IANNUZZI, DWM
2. TELEPHONE NUMBER: (201) 648-2200
(609) 984-7874
3. DATE (mo., day, & yr.): AUG. 5, 1982

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION
1. NAME: ALPHONSE IANNUZZI
2. TITLE: ENVIRONMENTAL SPECIALIST
3. ORGANIZATION: DIV. OF WASTE MANAGEMENT, NJDEP
4. TELEPHONE NO. (area code & no.): (609) 984-7874

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
MOXON TAN	REGION I, ENFORMENT, DWR NJDEP	(201) 648-2030
RICH CAHAYLA-WYNNE	" " " "	" " "
A. ARCENAL	" " " "	" " "

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
HERBERT CANE	Sales Manager (201) 589-7777	411 Wilson Ave., Newark, N.J.
MACK BARNES	Plant Manager (201) 589-7777	" " " " "

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III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (sources of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
Scientific Chem. Processing	(201) 589-7777	411 Wilson Ave, Newark NJ	Paint, Paint sludge, solvents

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
SCIENTIFIC CHEMICAL PROCESSING	(201) 589-7777	411 Wilson Ave., Newark, New Jersey

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: (credentials must be shown in all cases)
varies	—	☒ 1. PERMISSION ☐ 2. WARRANT

J. WEATHER (describe) — varies * Compiled from different inspection reports from Water Recs. & Waste Management.

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER	X	N.J. Dept. of Health Chemistry Lab.	"Attached"
c. WASTE	X	STABLEX REUTER INC., Camden, N.J	"
d. AIR			
e. RUNOFF			
f. SPILL	X	N.J. Dept. of Health Chemistry Lab	"Attached"
g. SOIL			
h. VEGETATION			
i. OTHER (specify) SLUDGE	X	N.J. DEPT. OF HEALTH CHEM. LAB	"Attached"

B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
Photoionization Detector	on and off SCP property	4.0 to 20 ppm readings *(see attached).

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IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS: [X] a. GROUND [ ] b. AERIAL
2. PHOTOS IN CUSTODY OF: DIVISION OF WASTE MANAGEMENT, NJDEP

D. SITE MAPPED?

[X] YES. SPECIFY LOCATION OF MAPS: Div of Waste Management, NJDEP (Haz. Waste)

E. COORDINATES

1. LATITUDE (deg.-min.-sec.): 40° 49' 30"
2. LONGITUDE (deg.-min.-sec.): 74° 04' 28"

V. SITE INFORMATION

A. SITE STATUS

[ ] 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

[X] 2. INACTIVE (Those sites which no longer receive wastes.)

[ ] 3. OTHER (specify): _____ (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

[X] 1. NO [ ] 2. YES (specify generator's four-digit SIC Code): 4930

C. AREA OF SITE (in acres): ≃ 13.5 acres

D. ARE THERE BUILDINGS ON THE SITE?

[ ] 1. NO [X] 2. YES (specify): OFFICE Building Garage

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

'X'	A. TRANSPORTER	'X'	B. STORER	'X'	C. TREATER	'X'	D. DISPOSER
X							
	1. RAIL		1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
X	4. TRUCK		4. TANK, ABOVE GROUND	X	4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS./TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
				X	8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

[ ] 1. STORAGE [ ] 2. INCINERATION [ ] 3. LANDFILL [ ] 4. SURFACE IMPOUNDMENT [ ] 5. DEEP WELL

[ ] 6. CHEM/BIO/PHYS TREATMENT [ ] 7. LANDFARM [ ] 8. OPEN DUMP [X] 9. TRANSPORTER [X] 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

[X] 1. LIQUID [X] 2. SOLID [X] 3. SLUDGE [ ] 4. GAS

B. WASTE CHARACTERISTICS

[X] 1. CORROSIVE [X] 2. IGNITABLE [ ] 3. RADIOACTIVE [ ] 4. HIGHLY VOLATILE

[X] 5. TOXIC [X] 6. REACTIVE [ ] 7. INERT [X] 8. FLAMMABLE

[ ] 9. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Yes, manifest records are available at Div. of Waste Management NJDEP (Haz. Waste).

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VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT 300,000	AMOUNT	AMOUNT 49,550	AMOUNT 29,100	AMOUNT	AMOUNT
UNIT OF MEASURE gallons	UNIT OF MEASURE	UNIT OF MEASURE gallons	UNIT OF MEASURE gallons	UNIT OF MEASURE	UNIT OF MEASURE
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY/PHARMACEUT.
X (2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		X (3) OTHER (specify): mixed solvents (methanol, flammables, etc)	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL
X (5) OTHER (specify): Paint, paint sludge, and solvent sludge mixture.			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			X (11) OTHER (specify): contaminated freeze H_2O/NaCl		

*Source - SCP 6-27-80 inventory in Div. Waste Management files (Haz. waste), NJ DEP

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X') a. SOLID	b. LIQ.	c. VAPOR	3. TOXICITY (mark 'X') a. HIGH	b. MED.	c. LOW	d. NONE	4. CAS NUMBER	5. AMOUNT	6. UNIT
Chloroform		X		X				67-66-3	250	ppb
Benzene	X	X		X				71-43-2	650	mg/l
Cadmium	X	X		X					290	mg/l
tetrachloroethylene		X		X					200	mg/l
toluene		X			X			108-88-3	1250	ppb
Styrene	X				X			100-42-5	50	mg/l
Xylene					X			1330-20-7	210	mg/l
arsenic	X	X		X					6.1	mg/l

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

X A. HUMAN HEALTH HAZARDS

Pat Perretti Freight trucking personnel are on site and in contact with facility every day.

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VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE

☒ C. WORKER INJURY/EXPOSURE

Pat Perretti freight workers are on site and exposed to contaminants.

☐ D. CONTAMINATION OF WATER SUPPLY

NA

☐ E. CONTAMINATION OF FOOD CHAIN

NA

☐ F. CONTAMINATION OF GROUND WATER

☒ G. CONTAMINATION OF SURFACE WATER

observed releases from property have been noted in Reach Island creek (lab analysis).

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VIII. HAZARD DESCRIPTION (continued)

☐ H. DAMAGE TO FLORA/FAUNA

☐ I. FISH KILL

☒ J. CONTAMINATION OF AIR

PID measurements indicate air contaminates, 8-9-82 - measurements.

☒ K. NOTICEABLE ODORS

solvent odors are noted from tanks

☒ L. CONTAMINATION OF SOIL

Spillage from leaking tanks and tank trailers caused soil contamination.

☐ M. PROPERTY DAMAGE

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VIII. HAZARD DESCRIPTION (continue

☐ N. FIRE OR EXPLOSION

☒ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

leaking tanks, tank trailers, and drums noted on 8-4-88 inspection.

☒ P. SEWER, STORM DRAIN PROBLEMS

spillage was noted into Peach Island Creek via cooling water discharge on 1/19/79.

☐ Q. EROSION PROBLEMS

☐ R. INADEQUATE SECURITY

☒ S. INCOMPATIBLE WASTES

Acid wastes are stored on-site. Explosion and fire hazards to motorists and nearby restaurants.

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VIII. HAZARD DESCRIPTION *(continued)*

☐ T. MIDNIGHT DUMPING

☐ U. OTHER *(specify)*:

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE *(specify units)*
1. IN RESIDENTIAL AREAS	460	47/mile²	120	1 mile
2. IN COMMERCIAL OR INDUSTRIAL AREAS	2000	204/mile²	120	"
3. IN PUBLICLY TRAVELLED AREAS	500	51/mile²	2	"
4. PUBLIC USE AREAS *(parks, schools, etc.)*	3000	302/mile²	6	"

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER *(specify unit)*	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
less than 5 ft.	North	drinking / industrial
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY** *(specify unit of measure)*	**F. DIRECTION TO DRINKING WATER SUPPLY**
100 to 600 gpm	5000 feet	South west

G. TYPE OF DRINKING WATER SUPPLY

☒ 1. NON-COMMUNITY < 15 CONNECTIONS* ☐ 2. COMMUNITY *(specify town)*: > 15 CONNECTIONS _____

☐ 3. SURFACE WATER ☒ 4. WELL

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X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')
		None		

I. RECEIVING WATER

1. NAME: Peach Island Creek

☐ 2. SEWERS ☒ 3. STREAMS/RIVERS ☐ 4. LAKES/RESERVOIRS ☐ 5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

Peach Island Creek is a tidal waterway classified as 'TW-2'.

XI. SOIL AND VEGITATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE ☐ B. KARST ZONE ☐ C. 100 YEAR FLOOD PLAIN ☑ D. WETLAND

☐ E. A REGULATED FLOODWAY ☐ F. CRITICAL HABITAT ☐ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. OVERBURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
X	1. SAND	X	Newark Group of Triassic Age		
	2. CLAY	X	upper unit - Brunswick Formation		
X	3. GRAVEL	X			

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN ☐ B. VERY HIGH (100,000 to 1000 cm/sec.) ☐ C. HIGH (1000 to 10 cm/sec.)

☑ D. MODERATE (10 to .1 cm/sec.) ☐ E. LOW (.1 to .001 cm/sec.) ☐ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☐ 1. YES ☑ 2. NO 3. COMMENTS:

H. DISCHARGE AREA

☑ 1. YES ☐ 2. NO 3. COMMENTS: next to creek

I. SLOPE

1. ESTIMATE % OF SLOPE: 1%

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.: to northeast

J. OTHER GEOLOGICAL DATA

The Brunswick formation is the bedrock at the site and is composed of mudstone, siltstone, sandstone and conglomerate and is reddish-brown in color.

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XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X') 1. YES	2. NO	3. UNKNOWN
NPDES	USEPA	NJ0003212	7-31-74	July 31, '79	X		
State DEP TSD	DEP	02 05 A		10-10-80		X	

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

☐ NONE ☒ YES (summarize in this space)

DEP obtained court order to deny SCP an extention of their Temporary Operating Authorization for TSD of hazardous waste in NJ on 10-10-80. Facility has been closed down since then.

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition *(Section II)* information on the first page of this form.