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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	D002225597

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
Frazer and Jones Company	3000 Milton Avenue				
03 CITY	**04 STATE**	**05 ZIP CODE**	**06 COUNTY**	**07 COUNTY CODE**	**08 CONG DIST**
Solvay	NY	13209	Onondaga		

09 COORDINATES LATITUDE: 43° 03' 35" | LONGITUDE: 076° 13' 45"

10 DIRECTIONS TO SITE (Starting from nearest public road)

New York State Thruway (North) to Route 690 (West) to Route 297 (South) turn right onto Milton Avenue, travel about 1/2 mile, site is on the right.

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)		
Frazer and Jones Company	3000 Milton Avenue		
03 CITY	**04 STATE**	**05 ZIP CODE**	**06 TELEPHONE NUMBER**
Solvay	NY	13209	(315)468-6251
07 OPERATOR (If known and different from owner)	**08 STREET** (Business, mailing, residential)		
Same			
09 CITY	**10 STATE**	**11 ZIP CODE**	**12 TELEPHONE NUMBER**
			( )

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL

☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (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

☒ YES ☐ NO DATE 5, 21, 85 (MONTH DAY YEAR)

BY (Check all that apply)

☐ A. EPA ☐ B. EPA CONTRACTOR ☐ C. STATE ☒ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: _____ (Specify)

CONTRACTOR NAME(S): Wehran Engineering

02 SITE STATUS (Check one)

☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION

1845 (BEGINNING YEAR) | present (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Spent core sands (including molding sand sludge, broken cores, core butts, and sweepings), iron shot blast waste, scrubber dust, and slag. Spent core sands contain trace phenolic binders (mainly phenol-urea-formaldehyde liquid resin residue)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Potential for the leaching of phenolic compounds and heavy metals from spent foundry sands.

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)

☐ A. HIGH (Inspection required) ☐ B. MEDIUM (Inspection required) ☒ C. LOW (Request for inspection declined) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NUMBER
Dennis G. Fenn	Wehran Engineering	(914)343-0660

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Constance A. Gasparovic	—	Wehran Engineering	(914)343-0660	5, 21, 85 (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
NY	D002225597

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

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

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

- TONS _____
- CUBIC YARDS Approx. 332,000
- NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- ☐ A. TOXIC
- ☐ B. CORROSIVE
- ☐ C. RADIOACTIVE
- ☐ D. PERSISTENT
- ☐ E. SOLUBLE
- ☐ F. INFECTIOUS
- ☐ 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
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	Unknown		iron fines

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

CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
Sealant	Phenolic Binders	999	OD	26 (phenol)	mg/l
				sweepings	

V. FEEDSTOCKS (See Appendix for CAS Numbers) Not Applicable

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)

NYSDEC File Information

EPA

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

I. IDENTIFICATION

01 STATE: NY | 02 SITE NUMBER: D002225597

II. HAZARDOUS CONDITIONS AND INCIDENTS

A. GROUNDWATER CONTAMINATION
POPULATION POTENTIALLY AFFECTED: 0
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
There is a potential for contamination of groundwater due to the unlined bottom of the dump site. Population not served by groundwater.

B. SURFACE WATER CONTAMINATION
POPULATION POTENTIALLY AFFECTED: 0
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
There is a potential for contamination of the adjacent wetland area due to the uncovered surface of the dump site. Population not served by local surface water.

C. CONTAMINATION OF AIR
POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Not Applicable

D. FIRE/EXPLOSIVE CONDITIONS
POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Not Applicable

E. DIRECT CONTACT
POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Not Applicable

F. CONTAMINATION OF SOIL
AREA POTENTIALLY AFFECTED: Approx. 1
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
There is a potential for contamination of the soil beneath the unlined dump site which covers approximately one acre

G. DRINKING WATER CONTAMINATION
POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Not Applicable

H. WORKER EXPOSURE/INJURY
WORKERS POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Not Applicable

I. POPULATION EXPOSURE/INJURY
POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Not Applicable

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

I. IDENTIFICATION
01 STATE: NY | 02 SITE NUMBER: D002225597

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

A. DAMAGE TO FLORA (Specify Type of Flora)
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
Not Applicable

B. DAMAGE TO FAUNA (Specify Type of Fauna)
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
Not Applicable

C. CONTAMINATION OF FOOD CHAIN
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
Not Applicable

D. UNSTABLE CONTAINMENT OF WASTES (Spills/Runoff/Standing liquids/Leaking drums)
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
Potential for runoff to the adjacent wetlands from the dump site due to its uncovered surface. Population not served by the local surface water.

E. DAMAGE TO OFFSITE PROPERTY
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
Not Applicable

F. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
Not Applicable

G. ILLEGAL/UNAUTHORIZED DUMPING
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
Not Applicable

H. DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS
Unknown

III. TOTAL POPULATION POTENTIALLY AFFECTED: 0

IV. COMMENTS
Population does not use groundwater or local surface water for drinking water.
Local surface water is used for industrial/commercial purposes.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
NYSDEC File Information, site inspection, Village of Solvay

EPA Form 2070-12 (7-81)

Priority [2] Site Name Frazer and Jones Region 7

County Onondaga

INITIAL EVALUATION OF INDUSTRIAL AND HAZARDOUS WASTE SITES

I. General Site Information

1. Site Location 3000 Milton Ave., Solvay, N.Y., 13201

2. Current owners ☐ or operators ☐ : _____

The Eastern Co. #

Address See site

Contact CHARLES PIPERNO Phone 468-6251

3. Time during which site was used: _____ to _____

4. Type of Site: Industrial Disposal ☐ Mixed Disposal Area ☐

Drum Storage ☐ Lagoon ☐ Other (specify) ☐ _____

5. Size of Site (approx.) _____ acres, and/or dimensions _____

6. Exposed waste: yes ☐ no ☐

II. Waste Characterization (See Section III for more details.)

1. Generator _____ Waste Types USED FOUNDRY CORES

Composition _____ Total Quantity _____ Bulk ☐ Drum ☐

2. Generator _____ Waste Types MOLDING SAND SLUDGE

Composition _____ Total Quantity _____ Bulk ☐ Drum ☐

3. Generator _____ Waste Types Fe SHOT BLAST WASTE

Composition _____ Total Quantity _____ Bulk ☐ Drum ☐

4. Generator _____ Waste Types _____

Composition _____ Total Quantity _____ Bulk ☐ Drum ☐

Report prepared by: M. Clear Phone 457-7454

_____ Phone _____

III. Waste Stream Information

Waste Stream # 1

Generator	Hauler
Name	Name
Address	Address
Contact Phone	Contact Phone

Average Percent Solids _____ % pH range _____ to _____

Physical State: liquid ☐ , slurry ☐ , sludge ☐ , solid ☑ ,

other ☐ specify _____

Annual Volume 600 TPY Total Volume _____ Bulk ☐ Drum ☐

Component	Avg. Concentration (Wet ☐ or Dry ☐ Weight)		
1. CORE SAND		wt.% ☐	ppm ☐
2. TRACE PHENOLIC BINDERS (?)		wt.% ☐	ppm ☐
3.		wt.% ☐	ppm ☐
4.		wt.% ☐	ppm ☐
5.		wt.% ☐	ppm ☐

Waste Stream # 2

Generator	Hauler
Name	Name
Address	Address
Contact Phone	Contact Phone

Average Percent Solids _____ % pH range _____ to _____

Physical State: liquid ☐ , slurry ☐ , sludge ☑ , solid ☐ ,

other ☐ specify _____

Annual Volume 2000 TPY Total Volume _____ Bulk ☐ Drum ☐

Component	Avg. Concentration (Wet ☐ or Dry ☐ Weight)		
1. MOLDING SAND		wt.% ☐	ppm ☐
2. SEACOL (C MATERIAL)		wt.% ☐	ppm ☐
3. H2O, CLAY		wt.% ☐	ppm ☐
4.		wt.% ☐	ppm ☐
5.		wt.% ☐	ppm ☐

III. Waste Stream Information

Waste Stream # 3

Generator	Hauler
Name	Name
Address	Address
Contact Phone	Contact Phone

Average Percent Solids · % pH range ____ to ____

Physical State: liquid ☐ , slurry ☐ , sludge ☐ , solid ☐ ,

other ☐ specify ____

Annual Volume 15 TPY Total Volume ____ Bulk ☐ Drum ☐

Component	Avg. Concentration (Wet ☐ or Dry ☐ Weight)	
1. WASTE SHOT - STEEL		wt.% ☐ ppm ☐
2. MOLDING SAND		wt.% ☐ ppm ☐
3. Fe & STEEL FINES		wt.% ☐ ppm ☐
4.		wt.% ☐ ppm ☐
5.		wt.% ☐ ppm ☐

Waste Stream # 4

Generator	Hauler
Name	Name
Address	Address
Contact Phone	Contact Phone

Average Percent Solids ____ % pH range ____ to ____

Physical State: liquid ☐ , slurry ☐ , sludge ☑ , solid ☐ ,

other ☐ specify ____

Annual Volume ____ Total Volume ____ Bulk ☐ Drum ☐

Component	Avg. Concentration	(Wet ☐ or Dry ☐ Weight)	
1. SEACOL	25	wt.% ☐	ppm ☐
2. BOND	25	wt.% ☐	ppm ☐
3. SAND	50	wt.% ☐	ppm ☐
4.		wt.% ☐	ppm ☐
5.		wt.% ☐	ppm ☐