734014

New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
Bureau of Hazardous Site Control
Additions/Change to Registry Summary of Approvals

Site Name FRAZER & JONES DEC I.D. Number 734014

Current Classification 2a

Activity ☐ Add as Class ___ ☐ Reclassify to ___ ☑ ~~Delist~~ Category D1 ☐ Modify ___

Approvals.

Regional Hazardous Waste Engineer	Yes ☑	No ☐	
NYSDOH	Yes ☑	No ☐	
DEE	Yes ☑	No ☐	
BHSC: a. Investigation Section	Yes ☑	No ☐	
b. Site Control Section	Robert W. Warner	Date	8/30/91
c. Director		Date	9/6/91
DHWR Assistant Director	Charles Goddard	Date	9/11/91

9/24/91

•1991-92•

47-15-25 (11/90)—90

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION

Original—BHSC
Copy—REGION
Copy—DEE
Copy—DOH
Copy—PREPARER

ADDITIONS/CHANGES TO REGISTRY OF INACTIVE HAZARDOUS WASTE DISPOSAL SITES 1990-91

1 SITE NAME	2. SITE NO.	3 TOWN	4. COUNTY
Frazer Y Jones	734014	Geddes, Solvay [T]	Onondaga

5 REGION	6. CLASSIFICATION	7. ACTIVITY
7	Current 2a / Proposed D-1	☐ Add ☐ Reclassify ☒ Delist ☐ Modify

8a DESCRIBE LOCATION OF SITE (Attach U S G S Topographic Map showing site location)

From the NYS Thruway, take exit 39. Get onto I-690 East. Stay on 690 for approx. 2½ miles. Get off near the NYS Fairgrounds, proceed to Rte. 297 south into the Village of Solvay. Turn right onto Milton Ave. Go approx. 1/2 mile on Milton. Site is on the right.

b Quadrangle Syracuse (west) Site Latitude 43°-03'-35"N Longitude 76°-13'-45"W d Tax Map Number 001-01-06.0

9a BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)

The site is a foundry operation located just west of the Village of Solvay. The spent core sands generated by the foundry were dumped on the property for many years. Currently there is a large foundry sand hill that looks like a drumlin. It is covered with thick vegetation.

b Area 2½ acres c EPA ID Number D002225597 d PA/SI ☐ Yes ☐ No

e Completed ☒ Phase I ☐ Phase II ☐ PSA ☒ Sampling

10 BRIEFLY LIST THE TYPE AND QUANTITY OF THE HAZARDOUS WASTE AND THE DATES THAT IT WAS DISPOSED OF AT THIS SITE

Spent core sand, scrubber dust and foundry waste. Foundry sand was found to contain low levels of phenols and is a non-hazardous waste.

11a SUMMARIZED SAMPLING DATA ATTACHED

☐ Air ☐ Groundwater ☐ Surface Water ☒ Soil ☐ Waste ☐ EP Tox ☐ TCLP

b List contravened parameters and values

Refer to attached analytical results. No parameters were contravened.

12 SITE IMPACT DATA

a Nearest surface water: Distance 150 ft± Direction Northwest Classification _____

b Nearest groundwater Depth 10-30 ft. Flow Direction Northwest ☐ Sole Source ☐ Primary ☐ Principal

c Nearest water supply: Distance far away Direction Taken from Lake Ontario Active ☐ Yes ☐ No

d Nearest building Distance 100 ft Direction South Use Part of the foundry

e Crops or livestock on site? ☐ Yes ☒ No

f Exposed hazardous waste? ☐ Yes ☒ No

g Controlled site access? ☒ Yes ☐ No

h Documented fish or wildlife mortality? ☐ Yes ☒ No

i Impact on special status fish or wildlife resource? ☐ Yes ☒ No

j Within a State Economic Development Zone? ☐ Yes ☐ No

k For Class 2a: Code _____ Health Model Score _____

l For Class 2: Priority Category _____

m HRS Score _____

n Significant Threat ☐ Yes _____ ☐ No ☐ Unknown

13. SITE OWNER'S NAME	14. ADDRESS	15. TELEPHONE NUMBER
Frazer & Jones Co.	3000 Milton Ave., Solvany	(315) 468-6251

16. PREPARER

T.M. Koch & Eric Knapp
Name, Title and Organization

August 12, 1991
Date

Thomas M. Koch
Signature

17. APPROVED

x Richard H. Dana, Chief, Bur. of Tech. Services, DEE
Name, Title and Organization

8/26/91
Date

Richard H. Dana
Signature

Modify ____
Reclassify ____
Delist X

ADDITIONS/CHANGES TO REGISTRY OF INACTIVE HAZARDOUS WASTE DISPOSAL SITES

Site Name Frazer and Jones Company DEC ID Number 734014

Site Address 3000 Milton Ave., Solvay, NY 13209 County Onondaga

___ Add New Site: (Potential hazardous waste site, Site Inspection Summary Report, EPA Preliminary Assessment Form and Registry Form must be completed and attached)

___ Modify Registry data (detail below)

___ Reclassify from class ___ to class ___. (justify below)

X Delist (justify below)

1991-92
[Delist]

Detail/Justification

Recent sampling of this site (3/12/91) has showed no contaminants at levels high enough to indicate a significant threat to human health or the environment. Site visits failed to turn up evidence of adverse impacts to environment due to contaminants associated with foundry wastes disposed of at this site.

On the basis of these observations, the Region would move to delist this site from the Registry of Inactive Hazardous Waste Sites.

Prepared by: Eric S. Knapp Date: 7/8/91

Approvals:

Reg. Haz. Waste Eng. Charles Branagh Date: 7/8/91

R. Tramontano NYSDOH _____ Date: _____

V. Bryant DEE _____ Date: _____

.. Demick/M.Chen _____ Date: _____

R.A. Olazagasti _____ Date: _____

C.N. Goddard _____ Date: _____

Preliminary Assessment

Frazer y Jones Co.
3000 Milton Ave.
Solvay [V]
Geddes [T]
Onondaga County

[Site ID No. 734014]

EPA

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

I. IDENTIFICATION
01 STATE | 02 SITE NUMBER
NYSHWS 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	34	

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

10 DIRECTIONS TO SITE (Starting from nearest public road)
New York State Thruway to Route I-690 (West) to Route 297 (South). Turn right on to Milton Avenue, travel 1/2 mile, site is on 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 03 11 91 (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): _____

02 SITE STATUS (Check one)	03 YEARS OF OPERATION		
☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN	1845 (BEGINNING YEAR)	present (ENDING YEAR)	☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Spent core sands, iron shot blast waste, scrubber dust and slag

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

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 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
Eric S. Knapp	N.Y.S.D.E.C.	(315) 426-7551

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Eric S. Knapp	NYSDEC		(315) 426-7551	06 18 91 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
NYSD D002225597

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

02 PHYSICAL STATES (Check all that apply)
X A. SOLID
B. POWDER, FINES
C. SLUDGE
E. SLURRY
F. LIQUID
G. GAS
D. OTHER (Specify)

03 WASTE QUANTITY AT SITE
(Measures of waste quantities must be independent)
TONS
CUBIC YARDS 332,000
NO. OF DRUMS

04 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
X M. NOT APPLICABLE

III. WASTE TYPE

01 CATEGORY	SUBSTANCE NAME	02 GROSS AMOUNT	03 UNIT OF MEASURE	04 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OOC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

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
	Phenol	999	open dump	86	microg/kg

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

N.Y.S.D.E.C. file information

EPA

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

I. IDENTIFICATION
STATE | SITE NUMBER
XXXX | D002225597

II. HAZARDOUS CONDITIONS AND INCIDENTS

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

NONE EVIDENT

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

NONE EVIDENT

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

N/A

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

N/A

01 ☐ E. DIRECT CONTACT | 02 ☐ OBSERVED (DATE: _____) | ☐ POTENTIAL | ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ | 04 NARRATIVE DESCRIPTION

N/A

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

NONE EVIDENT

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

N/A

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

N/A

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

N/A

EPA

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

IDENTIFICATION
01 STATE 02 SITE NUMBER
NYD 002225597

II. HAZARDOUS CONDITIONS AND INCIDENTS

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

None Evident

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (include names of species)

None Evident

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

N/A

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES (Spills/runoff/standing liquids/leaking drums) — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0 — 04 NARRATIVE DESCRIPTION

Material is open dump. Runoff is possible

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

N/A

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

N/A

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

N/A

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

None Known

III. TOTAL POPULATION POTENTIALLY AFFECTED: 0

IV. COMMENTS

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

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

N.Y.S.D.E.C. file information, site inspection/sampling

Field Notes

Frazer & Jones
3000 Milton Ave.
Solvay
Onondaga Co.

November 15, 1990
Resampled on
March 11, 1991

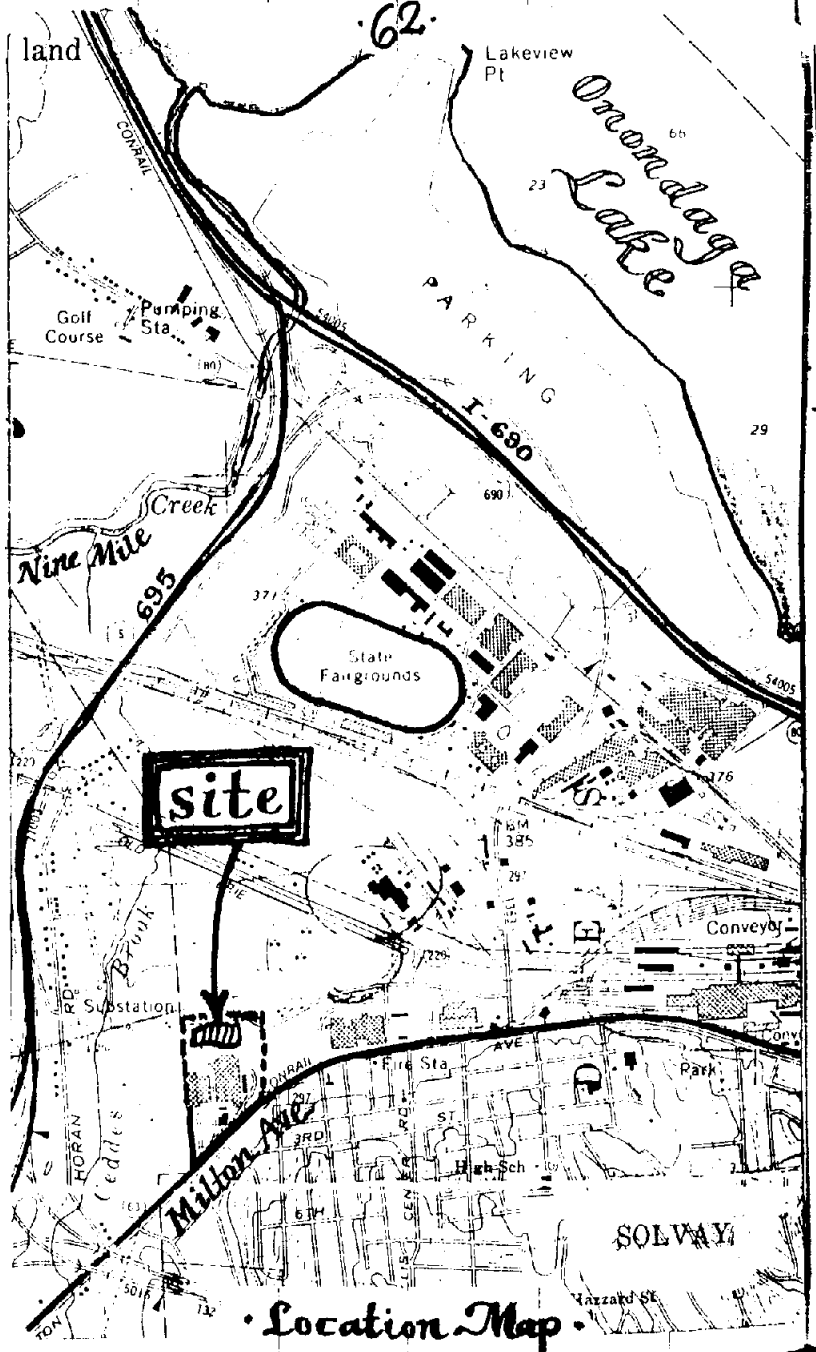
Frazer & Jones Foundry
Site ID No. 734014

Frazer & Jones

3000 Milton Avenue → Onondaga
Solvay, ~~Seneca~~ County

A total of 2 ~~sediment~~/foundry sand samples are scheduled to be taken here. They are to be analyzed for VOA's/BNA's/PCB's & EP tox. metals only. Analysis is to be done by Versar in Springfield, VA. I placed an order for sample bottles w/ Janet Jaffmann of Versar on Friday, November 9, 1990. The bottles arrived on Tuesday, Nov. 13th 1990. All were in good shape.

Site safety plan was prepared on November 9, 1990 & approved on Nov. 13, 1990



·Location Map·

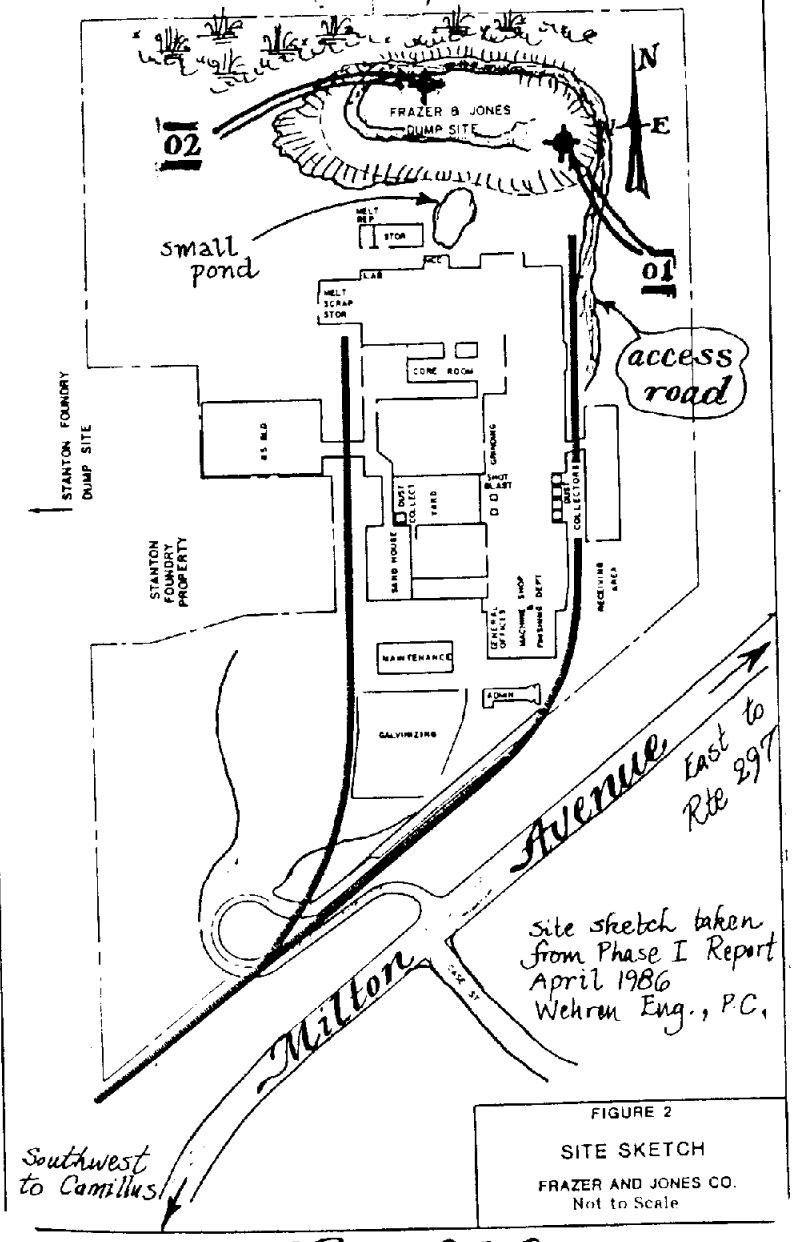


FIGURE 2
SITE SKETCH
FRAZER AND JONES CO.
Not to Scale

·Site sketch·

Arrive @ the site @ approx. 11:00 AM on Thursday, November 15, 1990.

Present for sampling:

- TM Koch
- Eric Knapp

Weather conditions @ the time of arrival:

- Sunny
- Breezy
- Very warm (low 60°s) approx.
- nice weather

After arriving @ the facility we stopped into the office & met w/ Jeff Getmann - assistant to the production manager. He took us to the back of the property to show us where the foundry sand pile is. It is a very large hill about 25 ft. tall & covered w/ thick grass. It looks a little like a drumlin.

The plant was in full operation at the time of our arrival. There were notable oppressive odors from the operation - what you would expect from a foundry operation however.

We walked up the access road that ~~winded~~ wound around to the top of the foundry sand pile. There were small trees growing up thru the waste in many sections. The vegetation on the hill looked ~~lush~~ heavy. HNu readings thru-out the entire area did not go above background. There was no notable protruding castings anywhere on the hill that I could see.

The grass on top of the hill looked "lush". It reminded me of the heavy grass seen growing on sand dunes.

Sample No. 1
SH 734014-01

Sample taken by Eric Knapp @ a point near the eastern end of the hill. Dug down about 1 ft. into the sand. The ~~material~~ sand was charcoal grey in color & had a very fine consistency. Time of sample: 11:30 AM. There were earthworms in this sand! A lot of mossy growth was growing here as opposed to the tall grass & weeds found elsewhere. No HNu reading above background. Hard to tell about any odors because of the oppressive smell from the plant operation. This foundry sand looked as though it had been here for a long time. Fragments from old castings were rare. I did find one old refractory brick below the surface however.

Sample No. 2
SH 734014-02

Sample taken by Eric Knapp @ a point about half way down the north side of the hill (facing the fairgrounds). Adjacent to a winding road that goes to the top of the hill on the north side. Time of sample: 12:00 P.M.
I dug down about 1 ft. into the hill @ this point. "Soil" was very moist & charcoal grey (as @ the top). Heavy grass growth. Small sumac bushes growing nearby. No HNu reading above background here either. As w/ the other location, the foundry sand looked heavily weathered - like it had been dumped here long ago.

This completed our sampling @ the Frazer & Jones site. While returning the samples to the truck we walked past a

fenced in-pond near the south edge of the hill. It looked like some waste discharge from the foundry operation had been dumped into this pond. There was a large "delta" of grey foundry sand in one portion of the pond...

Samples ~~were~~ bottles were wrapped in bubble-pac & placed into the cooler. We decontaminated the trowels & shovel @ this time, and packed everything back into the truck. We left the property @ 12:35 P.M.

Samples were taken to the Federal Express office on Taft Rd. in North Syracuse. I filled out the Sample submittal & chain of custody form @ this time. Samples were iced

Delivered to Fed X @ 4:17 P.M. I contacted Janet Gauffman @ Versar on November 16, 1990. She informed me that all of the samples arrived okay. No bottle breakage & samples were within the proper temperature range.



Front of the Frazer & Jones bldg.



View of foundry sand pile from the base.



View of the foundry from the top of the foundry sand pile Looking south...



Sample № 1 being collected by Eric Knapp ~ on top of the foundry sand pile.



Access road on the north side of the foundry sand pile near the location of sample № 2.



Close-up of the heavy vegatation growing on the foundry sand.



Discharge pond located adjacent to the foundry bldg. & about 50 ft. south of foundry sand pile.

End of field notes...

Field Notes

Frazer & Jones
3000 Milton Ave.
Solvay
Onondaga Co.

~~November 15, 1990~~
March 11, 1991

Frazer & Jones

Frazer & Jones Foundry
Site ID No. 734014

3000 Milton Avenue → Onondaga
Solvay, ~~Seneca~~ County

A total of 2 ~~sediment~~/foundry sand samples are ~~scheduled~~ to be taken here. They are to be analyzed for VOA's/BNA's/PCB's & EP tox. metals only. Analysis is to be done by Versar in Springfield, VA. I placed an order for sample bottles w/ Janet Schuffmann of Versar on ~~Friday~~, November 9, 1990. The bottles arrived on Tuesday, Nov. 13th 1990. All were in good shape.

Site safety plan was prepared on November 9, 1990 & approved on Nov. 13, 1990

Frazer & Jones resampling

Arrived @ the facility @ about 11:00 AM on a Monday March 11, 1991. Met w/ Jeff Gettman.

Weather @ time of arrival:
- Mostly cloudy
- Light snow flurries
- Very windy
- Cold & "raw" [upper 20°s]

Present for sampling:
- TM Koch
- Tony Sylvester
- Eric Knapp

This resampling was necessary because the previous sampling of November 15, 1990 was invalid. The sample analysis was done past the necessary holding time.

Sample No. 1
F&J-01
Taken in the same location @ the edge of the foundry sand pile. Sample taken by Eric Knapp @ 11:30 AM. Soil was clay & very wet. No odor noted. We didn't have the HNu up here @ the time. Fortunately, the soil wasn't frozen @ the time! We dug down about 1 ft. into the soil - below the vegetation.

Sample No. 2
F&J-02
Taken @ same location of Sample No. 2 last November. About halfway down the slope. Unfortunately the surface here was frozen. There was a crust of frozen soil about 4" thick. After breaking thru it, the soil was wet & soft.

Sample was taken by Eric Knapp @ 11:40 AM. This completed our sampling @ the Frazer & Jones property. We re logged the 2 sample bottles into the cooler & left the site @ about 12:15 P.M. From here we drove up to our next site on Peat Bed Road in Oswego Co.

Samples were taken back to Albany, N.Y. on the same day. They were left in the Dodge Ram overnite. The Dodge Ram was locked. The next day, March 12th 1991, the sample bottles were given to Gail Dieter. There was no evidence of tampering, & no breakage noted. Samples were cold due to the weather. Gail took the samples up to the Mobil lab on the same day for analysis.

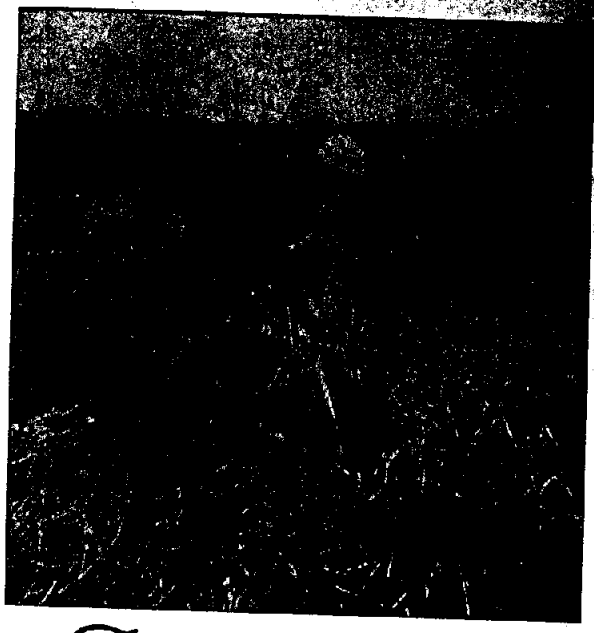
Photos on following pages.



Frazer-J-Jones
Overview of waste pile

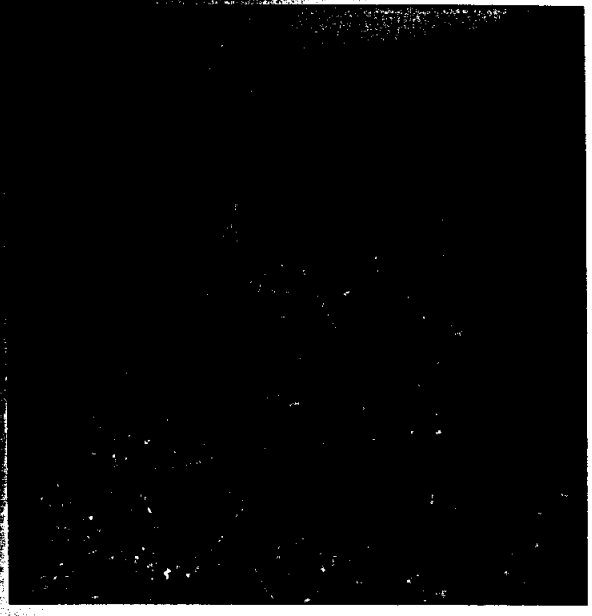
~~Photo #~~

Photo taken 3-11-91 @ 11:25 AM.



Frazer y Jones
Sample area No. 1

Sample No. 1 – taken in close proximity to where the Nov. 15th sample was taken [No. 1]



Frazer & Jones
Sample area No. 2

Sample No. 2 – taken @ almost identical location to the Nov. 15th area.

End of photo section for March 11, 1991...

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF HAZARDOUS WASTE REMEDIATION

BUREAU OF HAZARDOUS SITE CONTROL

****
* ANALYTICAL REPORT *
****

SITE NAME: FRAZER & JONES

SITE CODE: 734014

SUBMITTED BY: TOM KOCH

DATE OF REPORT: 4/9/91 DATA RELEASED BY: F.WOODWARD

REPORT QUALIFIERS:

FIELD ID	LAB ID				
TOP OF SAND HILL	791-070-03	VOA	BNA	PCB	METALS
HALF WAY DOWN HILL	791-070-04	VOA	BNA	PCB	METALS

Sampled 3-11-91

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY SAMPLE SUBMISSION

SITE NAME: FRAZER & JONES

REGISTRY NUMBER: 734014 SAMPLE SUBMISSION DATE: 3/7/91

SAMPLES SUBMITTED BY: T. KOCH TAA code: A340

TOTAL NUMBER OF SAMPLES SUBMITTED: 2

********* ORGANIC SAMPLES BY MATRIX *********

WATER: VOA: BNA: PEST/PCB:

SOIL: VOA: 2 BNA: 2 PEST/PCB: 2

OTHER: VOA: PEST/PCB:

OTHER:

********* METALS SAMPLES BY MATRIX *********

WATER: SOIL: 2 OTHER:

METALS SELECTED: As Sb Cr Cd Pb Hg Ni Se Ag V Zn

==========

COMMENTS:

==========

********** REPORT INFORMATION **********

VOLATILE DATA REPORTED _4_/_3_/_91 BY_P.B.MALONE_____

BNA DATA REPORTED _4_/_8_/_91 BY_M.McEWEN_____

PEST/PCB DATA REPORTED _3_/_26/_91 BY_F.WOODWARD_____

METALS DATA REPORTED _3_/_27/_91 BY_G.DANO_____

REPORT COMPLETED AND FILED _4_/_9_/_91 BY_F.WOODWARD_____

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME:FRAZER & JONES

FIELD ID:01 FOUNDRY SAND

SITE CODE: 734014 PERCENT SOLIDS: 74.2

SAMPLE NUMBER:791-070-03 MATRIX:SOIL

SUBMISSION DATE:2/12/3/12/9 ARCHIVE NO.:*0086A

ANALYSIS DATE:3/13/91 DATA FILE NO.:9100C86A.D

COMPOUND	CONC (PPB)	NON TARGET COMPOUNDS:
Chloromethane	ND	
Bromomethane	ND	
Vinyl chloride	ND	
Chloroethane	ND	
Methylene chloride	ND	
Acetone	ND	
Carbon disulfide	ND	
1,1-Dichloroethene	8	
1,1-Dichloroethane	ND	
trans-1,2-Dichloroethene	ND	
Chloroform	ND	
1,2-Dichloroethane	ND	
2-Butanone	ND	
1,1,1-Trichloroethane	ND	
Carbontetrachloride	ND	
Vinyl acetate	ND	
Bromodichloromethane	ND	
1,1,2,2-Tetrachloroethane	ND	
1,2-Dichloropropane	ND	
trans-1,3-Dichloropropene	ND	
Trichloroethene	ND	
Dibromochloromethane	ND	
1,1,2-Trichloroethane	ND	
Benzene	9 B	
cis-1,3-Dichloropropene	ND	
2-Chloroethylvinylether	ND	
Bromoform	ND	
2-Hexanone	ND	
4-Methyl-2-pentanone	ND	
Tetrachloroethene	ND	
Toluene	ND	
Chlorobenzene	ND	
Ethylbenzene	ND	
Styrene	ND	
Total Xylenes	ND	
Total Chlorotoluene	ND	

ND = LESS THAN 5 PPB
ALL CONCENTRATIONS LESS THAN 5 PPB ARE ESTIMATES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY SEMI-VOLATILE ANALYSIS

SITE NAME: FRAZER & JONES

FIELD ID: S-IL -01 % SOLIDS: 74

SAMPLE NUMBER: 791-070-03 MATRIX: SOIL

SUBMISSION DATE: 3 12/91 ARCHIVE NO.: 910E974

ANALYSIS DATE: 4 2/91 DATA FILE NO.: 9100E974

COMPOUND	CONC (ug/kg)	TIC AND COMMENT SECTION
Phenol	84	
2-Chlorophenol	ND	Detection limit - CRDL
Aniline	ND	Pesticide detection limit - 220
Bis(2-Chloroethyl)Ether	ND	
1,3-Dichlorobenzene	ND	
1,4-Dichlorobenzene	ND	* Beta and Gamma BHC coelute -
1,2-Dichlorobenzene	ND	reported as the sum of the isomers
Benzyl Alcohol	ND	
2-Methylphenol	ND	
bis(2-chloroisopropyl)Ether	ND	
Hexachloroethane	ND	TIC - Aliphatic substituted
4-Methylphenol	65	polynuclear aromatics
N-Nitroso-di-propylamine	ND	
Nitrobenzene	ND	
Isophorone	ND	
2-Nitrophenol	ND	
2,4-Dimethylphenol	ND	
bis(2-chloroethoxy)Methane	ND	
2,4-Dichlorophenol	ND	
1,2,4-Trichlorobenzene	ND	
Naphthalene	750	
Benzoic acid	ND	
4-Chloroaniline	ND	
Hexachlorobutadiene	ND	
4-Chloro-3-Methylphenol	ND	
2-Methylnaphthalene	790	
Hexachlorocyclopentadiene	ND	
2,4,6-Trichlorophenol	ND	
2,4,5-trichlorophenol	ND	
2-Chloronaphthalene	ND	
2-Nitroaniline	ND	
Acenaphthylene	ND	
Dimethyl Phthalate	ND	
2,6-Dinitrotoluene	ND	
Acenaphthene	ND	
3-Nitroaniline	ND	
2,4-Dinitrophenol	ND	
Dibenzofuran	210	
4-Nitrophenol	ND	

CONT SAMPLE NUMBER: 791-070-03 DATA FILE: 910E97A

COMPOUND	CONC (ug kg)	
2,4-Dinitrotoluene	ND	
Fluorene	ND	
4-Chlorophenyl-phenylether	ND	
Diethylphthalate	63	B - 52
2 Methyl 4,6-Dinitrophenol	ND	
N-Nitrosodiphenylamine	ND	
4-Nitroaniline	ND	
4-Bromophenyl-phenylether	ND	
Alpha-BHC	ND	
Hexachlorobenzene	ND	
Pentachlorophenol	ND	
Beta-BHC/Gamma-BHC *	ND	
Phenanthrene	99	
Anthracene	68	
Delta-BHC	ND	
Heptachlor	ND	
Di-N-Butylphthalate	110	B - 53
Aldrin	ND	
Heptachlor Epoxide	ND	
Fluoranthene	470	
Pyrene	660	
Endosulfan I	ND	
4,4'-DDE	ND	
Dieldrin	ND	
Endrin	ND	
Endrin Aldehyde	ND	
Endosulfan II	ND	
4,4'-DDD	ND	
Butylbenzylphthalate	ND	
Endosulfan Sulfate	ND	
4,4'-DDT	ND	
Chrysene	740	
Benzo (a) Anthracene	140	
bis(2-Ethylhexyl)Phthalate	430	B - 180
Di-N-Octyl Phthalate	ND	
Benzo(b/k)Fluoranthene	1100	
Benzo(e)Pyrene	970	
Indeno(1,2,3-cd)Pyrene	710	
Dibenz(a,h)Anthracene	200	
Benzo(g,h,i)Perylene	970	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY PCB ANALYSIS

SITE NAME: FRAZER AND JONES

SITE CODE: 734014

SAMPLE NUMBER: 791-070-03 FIELD ID: TOP OF BANK #1

DATE RECEIVED: 3/12/91 ANALYSIS DATE: 3/20/91

ARCHIVE NUMBER: P07103 MATRIX: FOUNDRY SAND % SOLID: 74.2

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**** AROCLOR - 1016 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1221 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1232 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1242 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1248 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1254 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1260 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: FRAZER AND JONES
FIELD ID: A1 TOP OF FOUNDRY SAND HILL

SAMPLE NUMBER: 791-070-03
DATE COLLECTED: 3/12/91
DATE ANALYZED: 3/25/91
DATE REPORTED: 3/26/91

SITE CODE: 7340414
MATRIX: SOIL
PERCENT SOLIDS: 74
CONC. UNITS: MG/KG
ARCHIVE NO.: M6093

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	6.6U	NR = NOT REQUESTED
ARSENIC	5.7	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	0.6U	
CALCIUM	NR	
CHROMIUM	4.7	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	15.2	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	0.1U	
NICKEL	4.4U	
POTASSIUM	NR	
SELENIUM	0.6U	
SILVER	1.1U	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	6.3	
ZINC	3.6	

COMMENTS:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME:FRAZER & JONES

FIELD ID:02 FOUNDERY SAND

SITE CODE: 734014 PERCENT SOLIDS: 87.7

SAMPLE NUMBER:791-070-04 MATRIX:SOIL

SUBMISSION DATE:3/12/91 ARCHIVE NO.:*0087A

ANALYSIS DATE:3/13/91 DATA FILE NO.:91000087A.D

COMPOUND	CONC (PPB)	NON TARGET COMPOUNDS:
Chloromethane	ND	
Bromomethane	ND	
Vinyl chloride	ND	
Chloroethane	ND	
Methylene chloride	ND	
Acetone	ND	
Carbon disulfide	ND	
1,1-Dichloroethene	14	
1,1-Dichloroethane	ND	
trans-1,2-Dichloroethene	ND	
Chloroform	ND	
1,2-Dichloroethane	ND	
2-Butanone	ND	
1,1,1-Trichloroethane	ND	
Carbontetrachloride	ND	
Vinyl acetate	ND	
Bromodichloromethane	ND	
1,1,2,2-Tetrachloroethane	ND	
1,2-Dichloropropane	ND	
trans-1,3-Dichloropropene	ND	
Trichloroethene	ND	
Dibromochloromethane	ND	
1,1,2-Trichloroethane	ND	
Benzene	3 B	
cis-1,3-Dichloropropene	ND	
2-Chloroethylvinylether	ND	
Bromoform	ND	
2-Hexanone	ND	
4-Methyl-2-pentanone	ND	
Tetrachloroethene	ND	
Toluene	ND	
Chlorobenzene	ND	
Ethylbenzene	ND	
Styrene	ND	
Total Xylenes	ND	
Total Chlorotoluene	ND	

ND = LESS THAN 5 PPB
ALL CONCENTRATIONS LESS THAN 5 PPB ARE ESTIMATES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY SEMI-VOLATILE ANALYSIS

SITE NAME: FRAZER & JONES

FIELD ID: SOIL -02 % SOLID: 88

SAMPLE NUMBER: 791-070-04 MATRIX: SOIL

SUBMISSION DATE: 3/12/91 ARCHIVE NO.: *0E98A

ANALYSIS DATE: 4/2/91 DATA FILE NO.: 9100F98A

COMPOUND	CONC (ug/kg)	TIC AND COMMENT SECTION
Phenol	51	
2-Chlorophenol	ND	Detection limit - CRDL
Aniline	ND	(Pesticide detection limit - 190)
Bis(2-Chloroethyl)Ether	ND	
1 3-Dichlorobenzene	ND	
1 4-Dichlorobenzene	ND	* Beta and Gamma BHC coelute -
1 2-Dichlorobenzene	ND	reported as the sum of the isomers
Benzyl Alcohol	ND	
2-Methylphenol	ND	
bis(2-chloroisopropyl)Ether	ND	
Hexachloroethane	ND	TIC - Aliphatic substituted
4-Methylphenol	ND	polynuclear aromatics
N-Nitroso-di-propylamine	ND	
Nitrobenzene	ND	
Isophorone	ND	
2-Nitrophenol	ND	
2 4-Dimethylphenol	ND	
bis(2-chloroethoxy)Methane	ND	
2 4-Dichlorophenol	ND	
1 2 4-Trichlorobenzene	ND	
Naphthalene	200	
Benzoic acid	ND	
4-Chloroaniline	ND	
Hexachlorobutadiene	ND	
4-Chloro-3-Methylphenol	ND	
2-Methylnaphthalene	260	
Hexachlorocyclopentadiene	ND	
2,4,6-Trichlorophenol	ND	
2,4 5-trichlorophenol	ND	
2-Chloronaphthalene	ND	
2-Nitroaniline	ND	
Acenaphthylene	ND	
Dimethyl Phthalate	ND	
2,6-Dinitrotoluene	ND	
Acenaphthene	ND	
3-Nitroaniline	ND	
2,4-Dinitrophenol	ND	
Dibenzofuran	67	
4-Nitrophenol	ND	

COMPOUND	CONC (ug/kg)	
2,4-Dinitrotoluene	ND	
Fluorene	ND	
4-Chlorophenyl-phenylether	ND	
Diethylphthalate	48	B - 44
2 Methyl 4,6-Dinitrophenol	ND	
N-Nitrosodiphenylamine	ND	
4-Nitroaniline	ND	
4-Bromophenyl-phenylether	ND	
Alpha-BHC	ND	
Hexachlorobenzene	ND	
Pentachlorophenol	ND	
Beta-BHC/Gamma-BHC *	ND	
Phenanthrene	120	
Anthracene	130	
Delta-BHC	ND	
Heptachlor	ND	
Di-N-Butylphthalate	90	B - 55
Aldrin	ND	
Heptachlor Epoxide	ND	
Fluoranthene	45	
Pyrene	45	
Endosulfan I	ND	
4,4'-DDE	ND	
Dieldrin	ND	
Endrin	ND	
Endrin Aldehyde	ND	
Endosulfan II	ND	
4,4'-DDD	ND	
Butylbenzylphthalate	ND	
Endosulfan Sulfate	ND	
4,4'-DDT	ND	
Chrysene	58	
Benzo(a)Anthracene	66	
bis(2-Ethylhexyl)Phthalate	ND	
Di-N-Octyl Phthalate	ND	
Benzo(b&k)Fluoranthene	ND	
Benzo(a)Pyrene	ND	
Indeno(1,2,3-cd)Pyrene	52	
Dibenz(a,h)Anthracene	ND	
Benzo(g,h,i)Perylene	72	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY PCB ANALYSIS

SITE NAME: FRAZER AND JONES

SITE CODE: 734014

SAMPLE NUMBER: 791-070-04 FIELD ID: HALF WAY DOWN

DATE RECEIVED: 3/12/91 ANALYSIS DATE: 3/20/91

ARCHIVE NUMBER: P07004 MATRIX: FOUNDRY SAND % SOLID: 87.7

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**** AROCLOR - 1016 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1221 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1232 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1242 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1248 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1254 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

**** AROCLOR - 1260 ****

GAS CHROMATOGRAPH RESULTS: NA DETECTION LIMIT 80 PPB

MASS SPECTROMETER RESULTS: ND

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: FRAZER AND JONES
FIELD ID: SOIL 02 1/2 DOWNSLOPE FOUNDRY SAND HILL

SAMPLE NUMBER: 791-070-04
DATE COLLECTED: 3/12/91
DATE ANALYZED: 3/25/91
DATE REPORTED: 3/27/91

SITE CODE: 7340414
MATRIX: SOIL
PERCENT SOLIDS: 88
CONC. UNITS: MG/KG
ARCHIVE NO.: M6094

METAL	CONC
ALUMINIUM	NR
ANTIMONY	4.9U
ARSENIC	2.3
BARIUM	NR
BERYLLIUM	NR
CADMIUM	0.4U
CALCIUM	NR
CHROMIUM	2.9
COBALT	NR
COPPER	NR
IRON	NR
LEAD	3.5
MAGNESIUM	NR
MANGANESE	NR
MERCURY	0.1U
NICKEL	3.2U
POTASSIUM	NR
SELENIUM	0.4U
SILVER	0.8U
SODIUM	NR
THALLIUM	NR
TIN	NR
VANADIUM	4.0U
ZINC	1.7

NR = NOT REQUESTED

COMMENTS:

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233

Thomas C. Jorling
Commissioner

M E M O R A N D U M

TO: • W. E. Demick W. Investigation Section
Regional Hazardous Waste Remediation Engineer
• R. Dana, DEE
• R. Tramontano, DOH

FROM: Robert Marino, Site Control Section
SUBJECT: Review of Classification Package for Site # 734014
DATE: August 13, 1991

Frazer y Jones ~delist

The attached new "Additions/Changes to Registry" form with supporting documentation is attached for your review and approval.

If acceptable, sign at the very bottom of the form (Box #17) and return within 30 calendar days.

If unacceptable, please return with an explanation of your position in a separate memo or letter.

Please keep the supporting documentation for your records.

Attachment(s)