EPA

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION: Y

SITE NUMBER (to be assigned by HQ):

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (*Preliminary Assessment*). File this form in the Regional Hazardous Waste Log File and submit a copy 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: Johns-Manville Sales Corporation

B. STREET (*or other identifier*): High Street, Iron Horse Park

C. CITY: North Billerica

D. STATE: MA

E. ZIP CODE: 01862

F. COUNTY NAME: Middlesex

G. OWNER/OPERATOR (*if known*)

1. NAME: Johns-Manville (contact: David Guy, Plant Manager)

2. TELEPHONE NUMBER: (617) 663-3401

H. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

I. SITE DESCRIPTION: A facility for the production of structural insulating board. The facility consists of 2 buildings including offices, research laboratory, and manufacturing area, and 3 unlined lagoons for disposal of asbestos and non asbestos slurry. Site is partially fenced on front and sides.

J. HOW IDENTIFIED (*lists, citizen's complaints, OSHA citations, etc.*): NUS/FIT Preliminary Assessment of Iron Horse Park area.

K. DATE IDENTIFIED (*mo., day, & yr.*): 1/19/83

L. PRINCIPAL STATE CONTACT

1. NAME: John Fitzgerald, DEQE Woburn

2. TELEPHONE NUMBER: (617) 935-2160

II. PRELIMINARY ASSESSMENT (*complete this section last*)

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☒ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE ☐ 5. UNKNOWN

B. RECOMMENDATION

☐ 1. NO ACTION NEEDED (*no hazard*)

☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY:

☒ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY:

☐ 4. SITE INSPECTION NEEDED (*low priority*)

C. PREPARER INFORMATION

1. NAME: Rebecca Cleaver, NUS/FIT

2. TELEPHONE NUMBER: (617) 275-2970

3. DATE (*mo., day, & yr.*): 4/15/83

III. 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.*)

☐ 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?

☐ 1. NO ☒ 2. YES (*specify generator's four-digit SIC Code*):

C. AREA OF SITE (*in acres*): 41 acres

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE (*deg.—min.—sec.*): 42° 35' 6"

2. LONGITUDE (*deg.—min.—sec.*): 71° 15' 45"

E. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO ☒ 2. YES (*specify*): Building #1: Manufacturing, Boiler room, Building #2: Offices, Laboratory, Sanding line, Manufacturing.

T2070-2 (10-79)

Continue On Reverse

Superfund Records Center
SITE: Iron Horse
BREAK: 12
OTHER: 540020

SDMS DocID 540020

Continued From Front

IV. 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
	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
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY	X	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
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED Johns-Manville's Billerica facility produces "Marinite" a structural insulation board. Asbestos Slurry produced at this facility is pumped into tow on-site unlined lagoons. Asbestos dust from a sanding line is wetted and temporarily stored on-site in dumpsters for daily removal by SCA.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

[ ] 1. UNKNOWN [X] 2. LIQUID [X] 3. SOLID [X] 4. SLUDGE [ ] 5. GAS

B. WASTE CHARACTERISTICS

[ ] 1. UNKNOWN [ ] 2. CORROSIVE [ ] 3. IGNITABLE [ ] 4. RADIOACTIVE [ ] 5. HIGHLY VOLATILE
[X] 6. TOXIC [ ] 7. REACTIVE [ ] 8. INERT [ ] 9. FLAMMABLE

[ ] 10. OTHER (specify): carcinogenic (asbestos)

C. WASTE CATEGORIES

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

anifests are available.

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: see below	AMOUNT:	AMOUNT: less than 90	AMOUNT:	AMOUNT: less than 30	AMOUNT:
UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE: gallons/year	UNIT OF MEASURE:	UNIT OF MEASURE: cubic yards/day	UNIT OF MEASURE:
[ ] (1) PAINT, PIGMENTS	[X] (1) OILY WASTES	[ ] (1) HALOGENATED SOLVENTS	[ ] (1) ACIDS	[ ] (1) FLYASH	[ ] (1) LABORATORY PHARMACEUT.
[ ] (2) METALS SLUDGES	[ ] (2) OTHER (specify):	[ ] (2) NON-HALOGNTD SOLVENTS	[ ] (2) PICKLING LIQUORS	[X] (2) ASBESTOS dust from cyclones	[ ] (2) HOSPITAL
[ ] (3) POTW		[X] (3) OTHER (specify): xyol (an aromatic Naptha, Petroleum Base)	[ ] (3) CAUSTICS	[ ] (3) MILLING/ MINE TAILINGS	[ ] (3) RADIOACTIVE
[ ] (4) ALUMINUM SLUDGE			[ ] (4) PESTICIDES	[ ] (4) FERROUS SMLTG. WASTES	[ ] (4) MUNICIPAL
[X] (5) OTHER (specify): sbestos sludge rom approx. 150,000 gal. of lurry per month.			[ ] (5) DYES/INKS	[ ] (5) NON-FERROUS SMLTG. WASTES	[ ] (5) OTHER (specify):
on-asbestos sludge: celite lime, ellastonite, ft paper) m approx. 50,000 gal. of slurry per month.			[ ] (6) CYANIDE	[ ] (6) OTHER (specify):	
			[ ] (7) PHENOLS		
			[ ] (8) HALOGENS		
			[ ] (9) PCB		
			[ ] (10) METALS		
			[ ] (11) OTHER (specify)		

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V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Asbestos
(Solvent) XYLOL

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

A solvent "Xylol", a surface coating used in the manufacturing process is bottled after used and also removed by SCA. Prior to 1975, the asbestos sludge was dredged from Johns Manville's lagoons and deposited in the asbestos landfill located on Boston and Maine's property.

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
NO HAZARD				
HUMAN HEALTH	X			Possible exposure to asbestos dust
NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY	X			Possible exposure to asbestos dust
CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
CONTAMINATION OF GROUND WATER	X			Unlined lagoons are used for disposal of asbestos slurry
CONTAMINATION SURFACE WATER				
DAMAGE TO FLORA/FAUNA				
FISH KILL				
11. CONTAMINATION OF AIR		X	11/2/81	Dust emissions emabating from 2 holes on cyclone collector
NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL	X			Unlined filter lagoons for asbestos slurry
PROPERTY DAMAGE				
FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
SEWER, STORM DRAIN PROBLEMS				
19. EROSION PROBLEMS				
18 INADEQUATE SECURITY	X			Site is not fenced around lagoons, nor are signs posted.
20 INCOMPATIBLE WASTES				
21. NIGHT DUMPING				
22 OTHER (specify):				

Continue On Reverse

Continued From Front

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- [ ] 1. NPDES PERMIT
- [X] 2. SPCC PLAN
- [ ] 3. STATE PERMIT (specify):
- [X] 4. AIR PERMITS
- [ ] 5. LOCAL PERMIT
- [ ] 6. RCRA TRANSPORTER
- [ ] 7. RCRA STORER
- [ ] 8. RCRA TREATER
- [ ] 9. RCRA DISPOSER
- [X] 10. OTHER (specify): NESHAP (National Emission standards for Hazardous Air Pollutants)

B. IN COMPLIANCE?

- [ ] 1. YES
- [ ] 2. NO
- [X] 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number):

VIII. PAST REGULATORY ACTIONS

- [ ] A. NONE
- [X] B. YES (summarize below)

See inspections below: 10/20/81 and 11/2/81

IX. INSPECTION ACTIVITY (past or on-going)

- [ ] A. NONE
- [X] B. YES (complete items 1,2,3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Various Air and Site Inspections	1974-1981	DEQE	Observed processes and disposal operations on site.
NESHAP Inspection	7/27/82	DEQE	No violations were found.
RCRA Inspection	2/08/83	EPA/DEQE	To review hazardous waste/asbestos disposal practices.

X. REMEDIAL ACTIVITY (past or on-going)

- [ ] A. NONE
- [X] B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Closing of one full lagoon.	Fall, 1982	John Manville DEQE	Closing of full asbestos lagoon: approved by Tom Clougherty-DEQE, solid waste.

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.