189569

PROTOCOL FOR REVIEW OF SITES

Attachment I

Name Congoleum Corp

Mercer

EPA I.D.# NJD080796782

State I.D. #

No File (NF) Site or No SI (NS) Site (circle)

SI or PA or Other (circle)

Date of Last Action 4/15/86 Final Draft completed 8/25/86

Descriptive Information

Old HRS Score 24.55

Pathway Scores GW 39.37 SW 15.94 SE (DC) 50 A 0

Event Qualifier (as may be in the file but not in CERCLIS)

PA / SI Information

Nature of the Problem Landfill samples showed low levels of contaminants in the H_2O & sediment of Miry Run.

Pathways of Concern

Surface H_2O, soil, ground H_2O & air

Likelihood of Scoring (PA Method, HRS) > 28.5. M

i. Actual/Obs. release to a media

Air - Methyl ethyl ketone was released from incinerator, reported 4/15/86.

Soil - Waste materials were identified in soil.

Surface H_2O - Contamination of surface H_2O & sediment was documented in sampling. 11/82.

ii. Targets (primary, secondary)

Primary - Air/population (144,546 people potentially affected) - Air & surface H_2O ~~contamination~~ - air poses most potential to affect greatest amt. of people.

Soil.

Secondary - workers ~~have~~ access to fill. Flora & Fauna. Food Chain

iii. HWC (hazardous waste characteristics)

See attached sheet

Information Adequate (H- definitely able to score, M- most likely able to score, L- unlikely able to score)

Additional Information (that would aid in scoring)

Requirements

~~More extensive sampling in ground H_2O~~ More extensive ground H_2O sampling.

Decision (S, S, NS, NF)

New CERCLIS Event Qual.

[D]

Groundwater

Suspected Release or No Suspected Release

Low potential exists from old landfill area or old leaching beds. Contaminants from Hippkum may indicate the potential for contamination of H_2O recharging local aquifer.

Sampling

No Sampling.

Primary Targets

N/A

Secondary Targets

27,000 persons potentially affected

Surface Water

Suspected Release or No Suspected Release

Sampling Stormwater directed through 2 containment structures prior to release to streams. Contamination of surfacewater has been documented in sampling in 4/15/86 + 11/82. 76,706 people could be affected.

6 samples taken.

Drinking Water Threat

Primary Target Population

N/A

Secondary Target Population

N/A

Human Food Chain

Primary Fisheries

N/A

Secondary Fisheries

N/A

Environmental Threat

Primary Sensitive Environments

N/A

Secondary Sensitive Environments

Food Chain - plant + animal populations could be affected by toxic waste materials being discharged to Miry Run.

Fauna - Aquatic fauna would immediately be affected if toxic levels were elevated in Miry Run.

Flora - Migration of solvent wastes to surfacewater.

Soil Exposure

Suspected Release or No Suspected Release

Waste materials identified in soil @ old fill area. Migration is unrestricted by liners or containment structures.

Sampling

6 samples.

Resident Population Threat

Resident Population or Workers

Workers - (400 persons) - old areas are unrestricted.

Population - Surface H_2O + sediments is unrestricted

Terrestrial Sensitive Environments

N/A

Air

Suspected Release or No Suspected Release

Release of Methyl ethyl ketone from incinerator as reported by M. Sendecki on 4/15/86, may affect local area.

Sampling

No quantitative monitoring was conducted to certify identity or amt. released.

Primary Target Population

N/A

Secondary Target Population

N/A

Primary Sensitive Environment

N/A

Secondary Sensitive Environment

N/A

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

X A. SOLID
X B. POWDER, FINES
_ 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 Unknown
CUBIC YARDS Unknown
NO. OF DRUMS Unknown

03 WASTE CHARACTERISTICS (Check all that apply)

X A. TOXIC
_ B. CORROSIVE
_ C. RADIOACTIVE
_ D. PERSISTENT
_ E. SOLUBLE
_ F. INFECTIOUS
_ G. FLAMMABLE
_ H. IGNITABLE
X 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	Unknown	55 Gal. Drum	Ink wastes
OLW	OILY WASTE	Unknown	55 Gal. Drum	Maintenance fluids
SOL	SOLVENTS	Unknown	55 Gal. Drum	Several hundred drums containing feedstock ink solutions are located in an outdoor secure storage area on site. As feedstocks they are not considered waste materials.
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	Unknown	55 Gal. Drum	
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	Unknown	55 Gal. Drum	Another secure indoor storage area containing organisol solutions in drums is also present on site.

V. 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
*SOL	Benzene	71-43-2	Unknown	10	ppb
*SOL	1,1,1 Trichloroethane	71-55-6	Unknown	10	ppb
SOL	Methylene chloride	75-09-2	Unknown	J	ppb
*SOL	Methylene chloride	75-09-2	Unknown	13	ppb
SOL	Chloroform	67-66-3	Unknown	14	ppb
*SOL	Chloroform	67-66-3	Unknown	26	ppb
OCC	2-Butanone	78-93-3	Unknown	J	
OCC	Bromodichloromethane	75-27-4	Unknown	J	
SOL	Toluene	108-88-3	Unknown	520	ppb
SOL	Phenol	108-95-2	Unknown	21	ppb
*SOL	Phenol	108-95-2	Unknown	65	ppb
OCC	Fluorene	86-73-7	Unknown	J	
OCC	Phenanthrene	85-01-8	Unknown	J	
OCC	Anthracene	120-12-7	Unknown	3300	ppb
OCC	Fluoranthene	206-44-0	Unknown	J	
OCC	Pyrene	129-00-0	Unknown	J	
OCC	Butyl benzyl phthalate	85-68-7	Unknown	150,000	ppb
OCC	Chrysene	218-01-9	Unknown	J	
OCC	Bis(2-ethylhexyl) phthalate	117-81-7	Unknown	238,000	ppb
OCC	Di-n-Octyl Phthalate	117-84-0	Unknown	3250	ppb
OCC	Benzo(b) fluoranthene	205-99-2	Unknown	J	
OCC	Benzo(a) pyrene	50-32-8	Unknown	J	
PSD	Beta-BHC	319-85-7	Unknown	190	ppb

SEE ATTACHMENT

- compound present below the specified detection limit.
- Results from Hamilton Township Sampling.

FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS	Chromium (In Ink)	7440-47-3	FDS	Benzene (In Ink)	71-43-2
FDS	Lead (In Ink)	7439-92-1	FDS	Di-n-Octyl Phthalate	117-84-0
FDS	Toluene (In Ink)	108-88-3	FDS	Methyl ethyl ketone	78-93-3
FDS	Xylene (In Ink)	1330-20-7	FDS	Cyclo hexanone	108-94-1
				Butyl benzyl phthalate	85-68-7

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

Corporation, Site Inspection, 4/15/86, Congoleum Corp.
ilton Township Municipal Industrial Pretreatment Program, Sample Results 11/82.
EP Site Inspection, 7/26/83, Congoleum Corp.

PSD	Heptachlor	76-44-8	Unknown	200	ppb
IOC	Arsenic	7440-38-2	Unknown	16	ppm
IOG	Barium	7440-39-3	Unknown	5460	ppm
MES	Chromium	7440-47-3	Unknown	361	ppm
MES	Cobalt	7440-48-4	Unknown	89	ppm
MES	Copper	7440-50-8	Unknown	261	ppm
MES	Lead	7439-92-1	Unknown	5910	ppm
MES	Nickel	7440-02-0	Unknown	72	ppm
MES	Tin	7440-31-5	Unknown	63	ppm
MES	Vanadium	7440-62-2	Unknown	330	ppm
MES	Zinc	7440-66-6	Unknown	11500	ppm

SI PRIORITIZATION TRACKING SYSTEM

NAME:CONGOLEUM PLANT LEAD: F

EPA SITE ID #: NJD080796782 STATE ID: COUNTY:Mercer

CERCLIS LAST ACTION:SI1 DATE:072986 CERCLIS QUALIFIER:D

FILE LAST ACTION:SI DATE: 4/15/86 f FILE QUALIFIER:

(H=High, L=Low, D=Defer, N=NFRAP)

OLD HRS SCORES GW:39.37 SW:15.94 AIR:0 SE/DC:50 TOTAL:24.55

NATURE OF PROBLEM:Landfill samples showed low levels of contaminants in the

PATHWAYS OF CONCERN:surfacewater, soil, groundwater, air

LIKELIHOOD OF SCORING:M

i.Actual/Obs. release to a media Air- methyl ethyl ketone was released from

ii.Targets (primary, secondary):Primary-Air/population (144,546 people pote

iii.Hazardous Waste Characteristics:see attached sheet

Adequacy of information:m (H=definitely able to score, M=most likely able to score, L=unlikely able to score)

Additional information requirements:more extensive groundwater sampling.

Review Decision:G (G=go to trial score, NF=no file, NS=no SI in file, S=NFRAP)