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INDUSTRIAL-PIEX
ADMINISTRATIVE RECORD

IND 003

1805 F

art A' Application Yes ☐ No ☒

RCRA INSPECTION CHECKLIST

Site Name: Woburn Sanitary Landfill Inspection Date: 8/13/80
Site Location: North Woburn (Off Merrimac Street) Type of Facility: _____
Generator: _____
Transporter: _____
RCRA Contact: Matthew Beauchamp TSD: _____
Phone No: (47) 933-6700 Permits Issued: Permits issued to carriers dump on site.
Inspectors: _____ In Compliance: Yes ☐ No ☐
EPA: _____
State: _____
Industry: Ecology and Environment, Inc.

I. Generator with Temp. Storage of TSD Facility

A. Pre-Inspection Meeting

1. General Information (Process Description, etc.)

The Woburn Sanitary Landfill is located in North Woburn, off Merrimac Street. Consuming approximately 54 acres of land, the landfill is bounded on the north by the Wilmington town line, to the west by an abandoned railroad bed, to the southwest by wetland owned by the city conservation commission, and to the south and east by industrial properties. Two power lines cross the area, an east-west easement and a northwest-southeast 250 foot easement.

The site appears to have been overlain by gravel deposits that were mined prior to the city's acquisition of the land. Elevations range from approximately 70 feet above sea level in the lowlands to over 110 feet at the bedrock outcrops in the northern portion of the site.

The landfill is modelled after the specifications cited in a report by H.W. Moore Associate Inc., titled Master Plan and Specifications for Sanitary Landfill.

Refuse is shipped to the site by permitted carriers and deposited in active cells where it is compressed by a bulldozer. "Suitable fill", including clay is spread over the compacted refuse, and additional refuse is then spread over the fill, forming a layer cake arrangement of fill and refuse. After a cell is filled, it is capped with clay. The sides of the cell are also covered with clay and graded to approximately 45 degree in an attempt to prevent leachate from seeping from the cell. As a final step, the landfill will be covered with loam and seeded.

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2. Hazardous Waste Profile

Type of Waste	Amt. of Waste kg/mo	Onsite Temp. Storage/ TSD	Transporter	Offsite TSD
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Sludge - up to a quarter of million cubic yards have been disposed of by Atlantic Gelatin at the Woburn landfill.

Analysis shows methane vapors at 300ppm, GC/MS shows a 3700 ug/L Limonene or p-mentha - 1,8 diene (TSM 96 over 1000ppm)

3. Records

62.21 a.) Manifest

- 1) Document No.: _____
- 2) Generator ID,
name, address: _____
- 3) Transporter(s) ID,
name, address: _____
- 4) TSD Facility ID,
name address: _____
- 5) Waste Type & Quantity: _____
- 6 Date of Acceptance: _____

- 12.50 1) International Shipping Manifest: _____
- 12.42 ii) Exceptions Reports: _____

14.13 *b) Waste Analysis Plan:

1. Sampling and test methods: _____
2. Results: _____

*Not required for temporary storage.

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264.15 c) Inspection Schedule and Log of Site

- 265.15 1. Daily - loading and unloading of areas subject to spills: _____
265.194 - discharge control equipment in tanks: _____
265.34, 265.377 - incinerator system, thermal treatment equipment, chem/phys/biol.
265.403 treatment equipment: _____
265.226 - freeboard level of surface impoundments: _____
- 265.174 2. Weekly - physical conditions of containers: _____
265.194 - " Tanks: _____
265.226 - " surface impoundments: _____
265.403 - " chem/phys/bio. treatment facility: _____

264.16 d) Personnel Training Records

- 1.) Job titles/position descriptions: _____
2.) Description of training: _____
3.) Records of training: _____

e) Contingency Plan

- 1.) Plan on site: _____
2.) Local authority arrangements: _____
3.) Identify emergency coordinator: _____
4.) List of emergency equipment: _____
5.) Evacuation Plans: _____

B. Inspection

14.14 1. Site Security

- a) 24 hour surveillance system No, guarded during day
b) or Artificial or natural barrier Gate closed at night
c) and Means to control entry
d) Danger sign posted at each
entrance legible at 25' _____

14.30 - .37

2. Site Preparedness/Prevention

- a) Internal communication/alarm: _____
b) Telephone/2-way radio _____
c) Portable fire control equipment _____
d) Adequate water for fire control _____
e) Testing and Maintenance of equipment _____
f) Adequate aisle spare _____
g) Access to equipment _____

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265.170-177

3. Containers

Leaks _____
Ruptures _____
Corrosion _____
Closed except in use _____
Heat/Pressure _____
50' bufferzone for I and R wastes _____
No smoking signs near I or R waste _____
Separation of incompatible wastes _____
Evidence of spills _____
Pre-transport requirements: packaging _____
labelling _____
marking _____
placarding _____

262.30-34

265.190-199

4. Tanks

Leaks _____
Ruptures _____
Corrosion _____
 $\geq 2'$ freeboard or secondary containment _____
Heat/pressure _____
Evidence of spills _____
Inflow controls _____
Special Requirements for I and R wastes _____

265.220-.230

5. Surface Impoundments

Protective Cover on Dikes Cells covered with clay and fill _____
 $\geq 2'$ freeboard _____
Special requirements for I and R waste _____

265.250-.257

6. Waste Piles

Wind erosion control _____
Prevention of leachate from pile _____
Special requirements for I and R wastes _____
Separation of incompatible wastes _____

265.340

265.382

7. Incinerators/Thermal Treatment

- a) Steady State conditions _____
- b) Inspect combustion and emission
control instruments every 15 min. _____
- c) Observe stack plume hourly _____
- d) Waste Analysis: _____
 - 1) Heating value of waste _____
 - 2) Organic halogen content _____

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Incinerators/Thermal Treatment Cont.

- 3) Sulfur content _____
- 4) Lead concentrations _____
- 5) Mercury concentrations _____
- e) Evidence of leaks of spills _____
- f) Opening burning of explosives
or others _____

65.400-.406

8. Phys/Chem/Bio. Treatment

- a) Leaks _____
- b) Ruptures _____
- c) Corrosion _____
- d) Waste cut Off _____
- e) Waste Analysis _____
- f) Special Requirements for
I and R wastes _____
- g) Special Requirements
for incompatible waste _____