ENVIRONMENTAL QUALITY MANAGEMENT, INC.
1800 Carillon Boulevard
Cincinnati, Ohio 45240
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US EPA RECORDS CENTER REGION 5
584452

October 24, 2002

Mr. Mark Durno
U.S. Environmental Protection Agency
25089 Center Ridge Road
Westlake, OH 44145

Re: EPA Contract No. 68-S5-9801
Task Order No. 9801-05-065
CERCLA Offsite Disposal Report for Mahoningside Power Plant

Dear Mr. Durno:

Enclosed please find one (1) copy of the CERCLA Offsite Disposal Report for Task Order No. 9801-05-065. A second copy has been forwarded to Gail Nabasny, the Project Officer. This report has been compiled and is submitted in accordance with Section F.2.B.2 of the above referenced contract.

If you have any questions or require additional information, please contact Mr. Jack Greber or myself.

Sincerely,

ENVIRONMENTAL QUALITY MANAGEMENT, INC.

Steven M. Letany
Transportation and Disposal Coordinator

SML/msc

cc: J. Greber

Enclosure

CERCLA OFFSITE DISPOSAL REPORT
MAHONINGSIDE POWER PLANT
EMERGENCY AND RAPID RESPONSE SERVICES
REGION V

Prepared for:

U.S. Environmental Protection Agency
Region V Emergency Response Division
77 W. Jackson Boulevard
Chicago, IL 60604

EPA Contract No. 68-S5-9801
Task Order No. 9801-05-065

Prepared by:

Environmental Quality Management, Inc.
1800 Carillon Boulevard
Cincinnati, OH 45240

October 24, 2002

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1.0 INTRODUCTION AND OVERVIEW

This report was prepared by Environmental Quality Management, Inc. (EQ), in accordance with Section F.2.B.2 of EQ's Emergency and Rapid Response Services Contract No. 68-S5-9801. The report summarizes all off-site disposal activities for the following task order site:

Superfund Site Name:	Mahoningside Power Plant
State:	Warren, OH
CERCLIS Number:	OHR000042978

Section 2.0 is a compilation of site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities.

2.0 CERCLA OFF-SITE DISPOSAL REPORTS

This section contains site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities. A total of two (2) waste streams were identified as follows for the Mahoningside Power Plant site:

	Waste Stream No.	Type/Form
1.	PCB Contaminated Soil	PCBs/Contaminated Soil and Debris
2.	Mercury Contaminated Debris	Heavy Metals/Contaminated Soil and Debris

PCB Contaminated Soil

1. Superfund Site Name: Mohoningside Power Plant

CERCLIS # OHR000042978 **State:** Ohio

2. Type of Action

X **Removal**
- X **Fund Financed**
- _ **PRP Financed**

_ **Remedial**
- _ **Fund Financed**
- _ **PRP Financed**

3. Type and Form of waste; if more than one type, attach seperate sheet for this and remaining questions for each type:

Type

- _ **Solvents**
- _ **Dioxins/Furans**
- _ **Cyanides**
- _ **Heavy Metals (Specify)**

  _____

  Acids/Caustics
- X **PCBs**
- _ **Halogenated Organics**
- _ **Other RCRA-listed Hazardous Wastes (Specify)**

  _____
- _ **Non-Hazardous or De-listed Waste**

Form:

- _ **Wastewater**
- _ **Liquid Waste**
- _ **Organic Sludge (greater than 1% Total Solids)**
- _ **Inorganic Sludge (less than 1% Total Organic Carbon)**
- _ **Solid or Solidified Waste**
- X **Contaminated Soil and Debris**

4. Quantity of Waste: 1,898.98

- _ **Cubic Yards (CY)**
- _ **Gallons (Gal)**
- _ **Drums**
- _ **Lab Packs**
- X **Tons/Lbs**

5. Range, average, and/or representative concentration of contaminants of concern:

PCB's in soil greater than 50 ppm from an unknown source.

_____

6. Pre-treatment of waste before transportation:

- _ **Precipitation**
- _ **Solidification**
- _ **Stabilization**
- _ **Neutralization**
- _ **Fixation**
- _ **Other**
- X **None**

7. Receiving RCRA facility name/location/I.D. No./unit(s):

Chemical Waste Management - Chemical Services LLC

Model City, New York

NYD049836679

8. Receiving Region II

9. Receiving Region Offsite Contact (RROC):

Name: Greg Zicardy **Date:** 10/3/2000

10. Date of Shipment Oct., 24, 26, 27, 30, 31, 2000, Nov., 1, 2, 3, 6, 7, 8, 2000, Feb., 5, 6, 7, 21, 22, 23, 2001

Date of Disposal: Oct., 27, 30, 31, 2000, Nov., 1, 2, 3, 6, 7, 8, 9, 2000, Feb., 6, 7, 8, 22, 23, 26, 2001

11. Pre-treatment at site before final treatment or disposal:

- __ **Precipitation**
- __ **Solidification**
- __ **Stabilization**
- __ **Neutralization**
- __ **Fixation**
- __ **Other**
- X **None**

12. Final method of treatment or disposal/unit receiving:

- __ **Precipitation**
- __ **Incineration**
- __ **Land Treatment**
- __ **Recovery/Re-Use**
- __ **Neutralization**
- X **Landfill**
- __ **Injection**
- __ **Other**

13. If waste was landfilled:

- **What disposal cell number or location?** See attached.

- **Type of liner in cell (e. g., PVC, Clay, hypalon** See attached.

14. Cost of activities:

- **Cost based on treatment/disposal only:** $ 81,105.44
- **Cost for transportation:** $ 62,885.18

CWM Landfill Disposal Location for Profile CF5802

Date Received	CWM Tracking No.	Profile No.	Manifest No.	Disposal Date	LF ID	Landfill Section	Landfill Quadrant
10/27/00	8153542101	CF5802	NYB8554932	10/27/00	RMU1	J-24	8
10/27/00	8153542201	CF5802	NYB8554923	10/27/00	RMU1	J-24	8
10/27/00	8153542301	CF5802	NYB8554914	10/27/00	RMU1	J-24	8
10/30/00	8153548901	CF5802	NYB8554878	10/30/00	RMU1	J-26	8
10/30/00	8153549001	CF5802	NYB8554851	10/30/00	RMU1	J-26	8
10/30/00	8153549201	CF5802	NYB8554869	10/30/00	RMU1	J-26	8
10/31/00	8153554201	CF5802	NYB8554842	10/31/00	RMU1	J-26	9
10/31/00	8153554401	CF5802	NYB8554833	10/31/00	RMU1	J-26	9
11/1/00	8153558801	CF5802	NYB8554887	11/1/00	RMU1	I-26	9
11/1/00	8153558901	CF5802	NYB8554896	11/1/00	RMU1	I-26	9
11/1/00	8153559101	CF5802	NYB8554905	11/1/00	RMU1	I-26	9
11/1/00	8153560101	CF5802	NYB8554824	11/1/00	RMU1	I-26	9
11/2/00	8153568101	CF5802	NYB8554806	11/2/00	RMU1	I-24	9
11/2/00	8153568201	CF5802	NYB8554815	11/2/00	RMU1	I-24	9
11/2/00	8153568501	CF5802	NYB8554797	11/2/00	RMU1	I-24	9
11/2/00	8153568801	CF5802	NYB6755814	11/2/00	RMU1	I-24	9
11/3/00	8153576901	CF5802	NYB8554788	11/3/00	RMU1	I-21	9
11/3/00	8153577001	CF5802	NYB6755796	11/3/00	RMU1	I-21	9
11/3/00	8153577101	CF5802	NYB6755805	11/3/00	RMU1	I-21	9
11/3/00	8153577201	CF5802	NYB6755787	11/3/00	RMU1	I-21	9
11/3/00	8153577401	CF5802	NYB8554761	11/3/00	RMU1	I-21	9
11/3/00	8153577501	CF5802	NYB8554779	11/3/00	RMU1	I-21	9
11/6/00	8153584501	CF5802	NYB8554959	11/6/00	RMU1	I-23	8
11/6/00	8153584601	CF5802	NYB8554977	11/6/00	RMU1	I-23	8
11/6/00	8153584701	CF5802	NYB8554968	11/6/00	RMU1	I-23	8
11/6/00	8153584801	CF5802	NYB8554941	11/6/00	RMU1	I-23	8
11/7/00	8153595301	CF5802	NYB6755724	11/7/00	RMU1	L-20	8
11/8/00	8153603001	CF5802	NYB6755733	11/8/00	RMU1	I-25	9
11/9/00	8153608101	CF5802	NYB6755742	11/9/00	RMU1	J-27	7
2/6/01	8153964701	CF5802	NYB9516276	2/6/01	RMU1	P-15	7
2/6/01	8153964901	CF5802	NYB9516267	2/6/01	RMU1	P-15	7
2/6/01	8153965401	CF5802	NYB9516285	2/6/01	RMU1	P-15	7
2/6/01	8153965501	CF5802	NYB9516294	2/6/01	RMU1	P-15	7
2/6/01	8153965701	CF5802	NYB9516249	2/6/01	RMU1	P-15	7
2/6/01	8153965801	CF5802	NYB9516195	2/6/01	RMU1	P-15	7
2/6/01	8153965901	CF5802	NYB9516213	2/6/01	RMU1	P-15	7
2/6/01	8153966001	CF5802	NYB9516186	2/6/01	RMU1	P-15	7
2/6/01	8153966101	CF5802	NYB9516231	2/6/01	RMU1	P-15	7
2/6/01	8153966201	CF5802	NYB9516222	2/6/01	RMU1	P-15	7
2/6/01	8153966401	CF5802	NYB9516258	2/6/01	RMU1	P-15	7
2/6/01	8153967601	CF5802	NYB9516204	2/6/01	RMU1	P-15	7
2/7/01	8153969201	CF5802	NYB9516087	2/7/01	RMU1	L-20	7
2/7/01	8153969301	CF5802	NYB9516114	2/7/01	RMU1	L-20	7
2/7/01	8153969401	CF5802	NYB9516096	2/7/01	RMU1	L-20	7
2/7/01	8153969501	CF5802	NYB9516132	2/7/01	RMU1	L-20	7
2/7/01	8153970001	CF5802	NYB9516078	2/7/01	RMU1	L-20	7
2/7/01	8153970101	CF5802	NYB9516105	2/7/01	RMU1	L-20	7
2/7/01	8153970201	CF5802	NYB9516177	2/7/01	RMU1	L-20	7

CWM Landfill Disposal Location for Profile CF5802

Date Received	CWM Tracking No.	Profile No.	Manifest No.	Disposal Date	LF ID	Landfill Section	Landfill Quadrant
2/7/01	8153970301	CF5802	NYB9516069	2/7/01	RMU1	L-20	7
2/7/01	8153970401	CF5802	NYB9516123	2/7/01	RMU1	L-20	7
2/7/01	8153970501	CF5802	NYB9516141	2/7/01	RMU1	L-20	7
2/7/01	8153970601	CF5802	NYB9516168	2/7/01	RMU1	L-20	7
2/7/01	8153970701	CF5802	NYB9516159	2/7/01	RMU1	L-20	7
2/8/01	8153973501	CF5802	NYB9516312	2/8/01	RMU1	N-21	7
2/8/01	8153974301	CF5802	NYB9516321	2/8/01	RMU1	N-21	7
2/8/01	8153974401	CF5802	NYB9516303	2/8/01	RMU1	N-21	7
2/8/01	8153974501	CF5802	NYB9516375	2/8/01	RMU1	N-21	7
2/8/01	8153974601	CF5802	NYB9516384	2/8/01	RMU1	N-21	7
2/8/01	8153974701	CF5802	NYB9516366	2/8/01	RMU1	N-21	7
2/8/01	8153974801	CF5802	NYB9516357	2/8/01	RMU1	N-21	7
2/8/01	8153974901	CF5802	NYB9516348	2/8/01	RMU1	N-21	7
2/8/01	8153975001	CF5802	NYB9516339	2/8/01	RMU1	N-21	7
2/8/01	8153976001	CF5802	NYB9516393	2/8/01	RMU1	N-21	7
2/22/01	8154011101	CF5802	NYB9516051	2/22/01	RMU1	K-24	9
2/22/01	8154011401	CF5802	NYB9516402	2/22/01	RMU1	K-24	9
2/22/01	8154012201	CF5802	NYB9516411	2/22/01	RMU1	K-24	9
2/22/01	8154012301	CF5802	NYB9516429	2/22/01	RMU1	K-24	9
2/22/01	8154012601	CF5802	NYB9516447	2/22/01	RMU1	K-24	9
2/22/01	8154012701	CF5802	NYB9516438	2/22/01	RMU1	K-24	9
2/22/01	8154012901	CF5802	NYB9516465	2/22/01	RMU1	K-24	9
2/22/01	8154013101	CF5802	NYB9516456	2/22/01	RMU1	K-24	9
2/22/01	8154014101	CF5802	NYB9516033	2/22/01	RMU1	K-24	9
2/22/01	8154014201	CF5802	NYB9516474	2/22/01	RMU1	K-24	9
2/22/01	8154014301	CF5802	NYB9516483	2/22/01	RMU1	K-24	9
2/22/01	8154014801	CF5802	NYB9516042	2/22/01	RMU1	K-24	9
2/23/01	8154017201	CF5802	NYG9516609	2/23/01	RMU1	L-21	10
2/23/01	8154017501	CF5802	NYB9516573	2/23/01	RMU1	L-21	10
2/23/01	8154018601	CF5802	NYB9516519	2/23/01	RMU1	L-21	10
2/23/01	8154018701	CF5802	NYB9516492	2/23/01	RMU1	L-21	10
2/23/01	8154018901	CF5802	NYB9516501	2/23/01	RMU1	L-21	10
2/23/01	8154020001	CF5802	NYB9516591	2/23/01	RMU1	L-21	10
2/23/01	8154020101	CF5802	NYB9516582	2/23/01	RMU1	L-21	10
2/23/01	8154021201	CF5802	NYB9516528	2/23/01	RMU1	L-21	10
2/26/01	8154026701	CF5802	NYB9516546	2/26/01	RMU1	L-24	9
2/26/01	8154026901	CF5802	NYB9516627	2/26/01	RMU1	L-24	9
2/26/01	8154027001	CF5802	NYB9516537	2/26/01	RMU1	L-24	9
2/26/01	8154027201	CF5802	NYB9516555	2/26/01	RMU1	L-24	9
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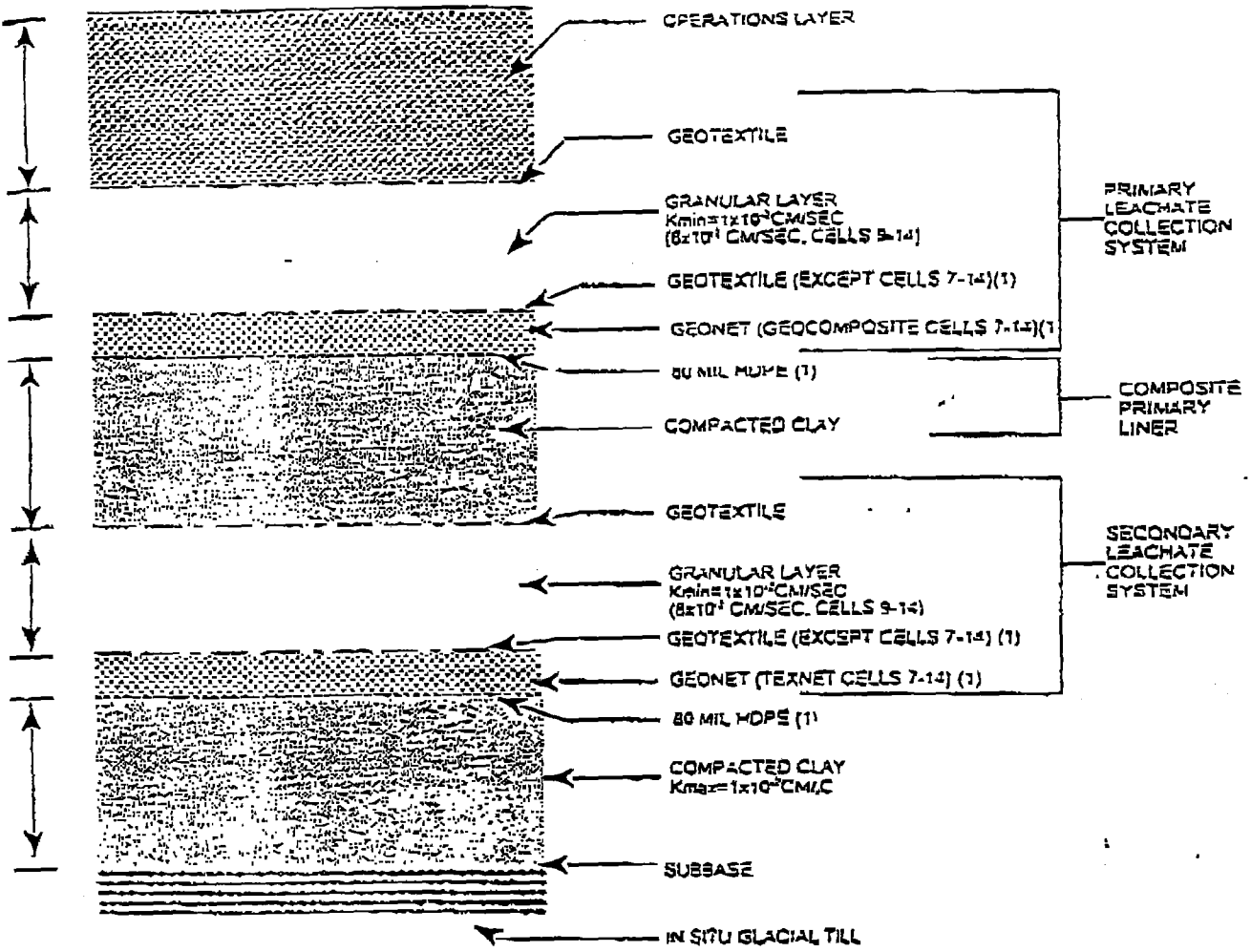


SE LINER

S

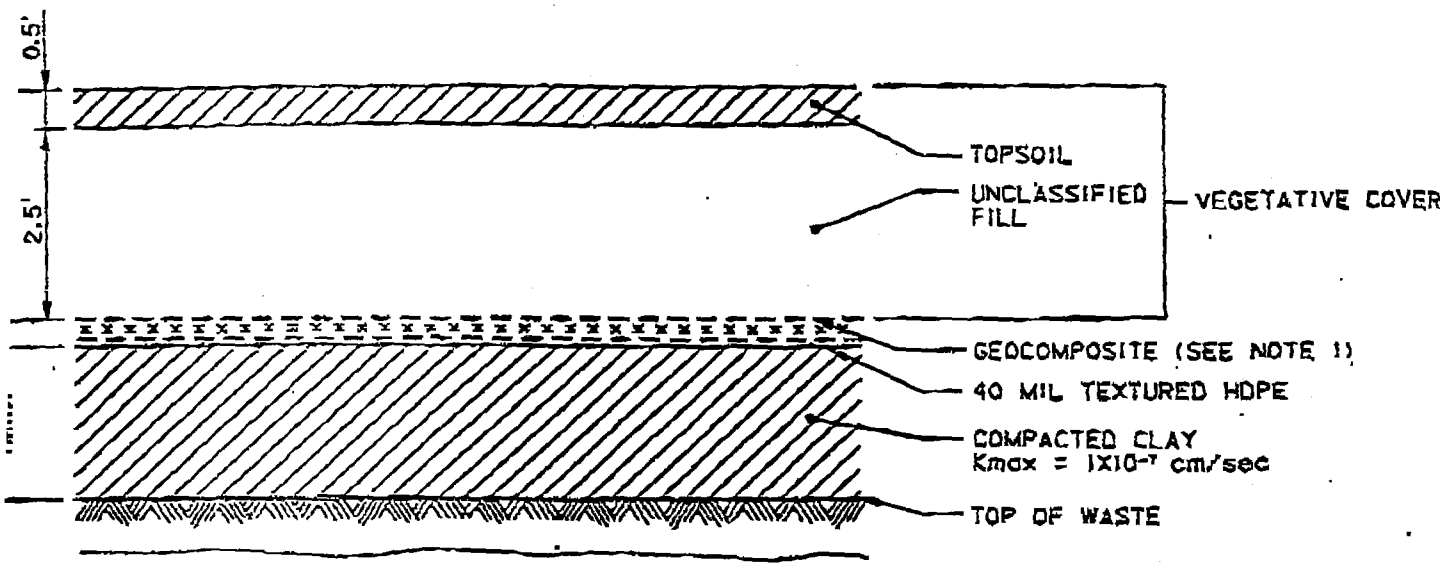
es:

(1) Liner systems for Cells 7 through 14 to consist of 80 mil HDPE textured sheet and geocomposite for both primary and secondary liner systems. The geotextile above the geonet is also eliminated.

FIGURE 1
BASE COMPOSITE LINER

CWM CHEMICAL SERVICES, INC.
RESIDUAL MANAGEMENT UNIT NO. 1
Model CITY, NIAGARA COUNTY, NEW YORK

Revised: ~~Date Approved~~ 4/8/98



NOTES:

1. GEOCOMPOSITE SHALL BE TREVIRA 1145 HEAT BONDED TO BOTH SIDES OF POLYNET 3000, OR EQUAL.

'INAL COVER RMU-1 24

TS

Mercury Contaminated Debris

1. Superfund Site Name: Mohoningside Power Plant

CERCLIS # OHR000042978 **State:** Ohio

2. Type of Action

X **Removal**
- X **Fund Financed**
- _ **PRP Financed**

_ **Remedial**
- _ **Fund Financed**
- _ **PRP Financed**

3. Type and Form of waste; if more than one type, attach seperate sheet for this and remaining questions for each type:

Type

- _ **Solvents**
- _ **Dioxins/Furans**
- _ **Cyanides**
- X **Heavy Metals (Specify)**
  Mercury
  Acids/Caustics
- _ **PCBs**
- _ **Halogenated Organics**
- _ **Other RCRA-listed Hazardous Wastes (Specify)**
  _____
- _ **Non-Hazardous or De-listed Waste**

Form:

- _ **Wastewater**
- _ **Liquid Waste**
- _ **Organic Sludge (greater than 1% Total Solids)**
- _ **Inorganic Sludge (less than 1% Total Organic Carbon)**
- _ **Solid or Solidified Waste**
- X **Contaminated Soil and Debris**

4. Quantity of Waste: 1

- _ **Cubic Yards (CY)**
- _ **Gallons (Gal)**
- X **Drums**
- _ **Lab Packs**
- _ **Tons/Lbs**

5. Range, average, and/or representative concentration of contaminants of concern:

Elemental Mercury in debris.

6. Pre-treatment of waste before transportation:

- _ **Precipitation**
- _ **Solidification**
- _ **Stabilization**
- _ **Neutralization**
- _ **Fixation**
- _ **Other**
- X **None**

7. Receiving RCRA facility name/location/I.D. No./unit(s):

Bethlehem Apparatus Company, Inc.

Hellertown, PA

N/A - Recycler

8. Receiving Region III

9. Receiving Region Offsite Contact (RROC):

Name: Sarah Casper **Date:** N/A - Material Recycled

10. Date of Shipment 12/4/00

Date of Disposal: 12/5/00

11. Pre-treatment at site before final treatment or disposal:

- __ **Precipitation**
- __ **Solidification**
- __ **Stabilization**
- __ **Neutralization**
- __ **Fixation**
- __ **Other**
- X **None**

12. Final method of treatment or disposal/unit receiving:

- __ **Precipitation**
- __ **Incineration**
- __ **Land Treatment**
- X **Recovery/Re-Use**
- __ **Neutralization**
- __ **Landfill**
- __ **Injection**
- X **Other** Marcury Retort

13. If waste was landfilled:

- **What disposal cell number or location?** N/A

- **Type of liner in cell (e. g., PVC, Clay, hypalon** N/A

14. Cost of activities:

- **Cost based on treatment/disposal only:** $ 477.00
- **Cost for transportation:** $ 550.48