



**Remedial Design & Construction
S.O.S. Septic Tank Service (Scully) Site
New Hartford, New York
NYSDEC Site # 6-33-028**

Transportation and Disposal Plan

Prepared For:

**Lockheed Martin Corporation
6801 Rockledge Drive
Bethesda, Maryland 20817**

Prepared By:

**Earth Tech Northeast, Inc.
40 British American Boulevard
Latham, New York 12110**

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1.0 INTRODUCTION

This Transportation and Disposal Plan was prepared to address the management of excavated soils generated during the implementation of the S.O.S. Septic Tank Service (Scully) Site. This plan describes waste disposal procedures that will be implemented at the Site, including characterization for disposal, waste material documentation, tracking, handling, management, stockpiling, temporary storage and all related activities required to remove, transport, and dispose of contaminated material in accordance with federal, state and local regulations including United States Department of Transportation (DOT), United States Department of Environmental Protection (EPA) and NYSDEC.

1.1 *Training Requirements*

Department of Transportation (DOT) Basic Hazmat Employee training, HM-181, is required for a person involved in the transportation of hazardous waste and/or signing of hazardous waste manifests (see 49 CFR §172.704 (Subpart H)). Earth Tech designees will take the basic hazmat employee training and renew the training as necessary to meet DOT requirements for hazardous waste transportation.

All Earth Tech employees and contractors working on Site will have the appropriate OSHA hazardous waste operations (HAZWOPER) training and annual refresher training specified in 29 CFR §1910.120.

2.0 WASTE CHARACTERIZATION AND QUANTITY

Waste anticipated to be generated during implementation of the proposed remediation activities at the Scully Site includes contaminated soils. The types of contaminants present are based on knowledge of historical disposal activities and soil sampling data. Soils in the vicinity of the groundwater treatment plant are suspected to be both hazardous and non-hazardous waste. The soils have been determined to be characteristically hazardous waste and will carry a D040 code. Sampling of the suspected hazardous waste will be performed during remediation to determine that the material is hazardous waste.

2.1 *Estimated Waste Quantity*

It is estimated that approximately 45,000 tons of material will be generated during remediation activities. There will be two types of waste streams generated. The first waste stream will be non-hazardous soil. The non-hazardous soil will be disposed of at Ontario County Landfill in Stanley, New York. Ontario County Landfill is an approved LMC solid waste landfill facility and was also used for the disposal of soil from the previous remediation performed in 2006. The estimated quantity of non-hazardous soil is approximately 41,000 tons.

The second waste stream will be the deeper soils from around the current groundwater treatment plant. These soils will be RCRA Hazardous waste and will be transported and disposed of at either Michigan disposal or Sarnia Landfill, both LMC approved disposal facilities. The estimated quantity of RCRA hazardous soil is approximately 4,100 tons.

2.2 *Waste Profiling*

In order to properly characterize the waste for disposal and obtain approval from the various disposal facilities it is anticipated that some level of characterization will be needed for final approval of the RCRA hazardous waste soils. Based on previous investigations the elevations of these soils are known, soils will be collected from these areas and sent to the laboratory for additional analysis and also submitted to the disposal facilities for their own evaluation. The analytical results along with a completed waste profile form will be submitted to the appropriate disposal facilities for approval and disposal of waste. Once approval from the disposal facility is obtained, the waste will be eligible for transportation to the disposal facility.

The non-hazardous soil will be approved with the sampling and analysis that has been performed during the investigation phase of work. The analysis along with a site map showing sampling locations will be submitted to the disposal facility along with a waste profile will be completed for their evaluation and approval. Based on the previous work performed and the nature of the contamination this was the same approach that was previously performed to obtain waste approval.

2.3 Regulatory Requirements for Transportation and Disposal

Waste materials will be directly loaded into off-site transportation vehicles or stockpiled and loaded into off-site transportation vehicles. Each transportation vehicle will have a transporter’s permit pursuant to the provisions set forth in 6NYCRR Part 364 and all other applicable state regulations. Manifesting and transportation of all hazardous waste will be in accordance with 6 NYCRR Part 372 and 40 CFR Part 263. Earth Tech will be responsible for providing complete and accurate manifests for the signature by Earth Tech who has been made an authorized representative of LMC. A copy of the authorization from LMC is in The completed manifest will accompany all shipments of hazardous waste while in transit at all times. Transportation of non-hazardous regulated waste will be in accordance with Federal Department of Transportation (DOT) regulations 49 CFR 172 and will be transported under a standard non-hazardous waste manifest.

The following table outlines the requirements for transportation of non-hazardous and hazardous waste in New York State.

Regulation	Description
Part 360	Solid Waste Management Facilities
Part 364	Waste Transporter Permit Requirements
Part 370	Hazardous Waste Management System – General
Part 371	Identification and Listing of Hazardous Waste
Part 372	Hazardous Waste Manifest System and Related standards for Generators, Transporters and Facilities
Part 373-1	Hazardous Waste Treatment, Storage and Disposal Facility Permitting Requirements
Part 373-2	Final Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities
Part 373-3	Interim Status Standards for Owners and Operators of Hazardous Waste Facilities
Part 374-1	Standards for the Management of Specific Hazardous Waste and Specific Types of Hazardous Waste Management Facilities

Part 375	Environmental Remediation Programs
Part 376	Land Disposal Restrictions
Part 376	Treatment Standards
Part 376	Treatment Standards and Appendices

3.0 WASTE STAGING OPERATIONS

Based on soil analysis data, and pending the approval by the appropriate disposal facilities, it is anticipated that the majority of excavated soil will be temporarily stockpiled prior to loading. Stockpiles will be created in the existing Area 20 excavation area. Soil anticipated to exceed hazardous waste levels will be segregated and managed separately. Excavated soil that is not promptly loaded into trucks for off-site transportation will be covered with poly sheeting or tarps. Water generated will be managed in accordance with the Groundwater Treatment Plan.

4.0 REQUIREMENTS OF TRANSPORTERS

A combination of transporters will be utilized for the transporting of the soils to the disposal facilities. The selected transporters will be qualified, fully licensed, and insured to transport the wastes generated. For transportation of the hazardous wastes, the selected transporter will be a registered hazardous waste hauler and be an approved waste hauler under LMC approved vendor list.

The non-hazardous soil removed from the Scully Site will be transported in bulk, using 18-wheel dump trailers, each with a capacity of 30-35 tons of soil per load. Transporters hauling hazardous soil from the site will each of a capacity of approximately 22 tons per load. Prior to leaving the site the trucks will be covered and secured with a tarping system that completely extends over the top of the trailer. Prior to trucks leaving the site the truck will be inspected to insure that no soil has spilled on the sides or tires of the truck. If soil is found the soil will be dry broom swept off the truck and removed from tires. If needed, the truck tires will be washed with a high pressure power wash. It is not anticipated that trucks will require cleaning prior to leaving the site, since the trucks will remain on clean stone areas and draped to prevent contact from the contaminated soil.

4.1 Traffic Control Procedures

The approach for traffic control is to dispatch trucks to and from the Site at set intervals to avoid trucks interfering with traffic on Valley View Road. Trucks will be entering the site from the south and entering the Scully Site on the stone access road. It is anticipated that each truck can be loaded in approximately 15-20 minutes. Truck drivers will be instructed to approach the Site from the designated truck route. Once on site the truck drivers will be instructed to turn off the ignition until the truck has been loaded and is ready to leave the Site. A map outlining the local traffic route is provided in Figure 1.

Each truck driver will be instructed to maintain very low speeds for safety purposes and for dust control measures. There will be approximately 20 trucks per day arriving and leaving the Site.

Temporary traffic control signs will be posted on the north and south sides of Valley View Road to warn local traffic of the construction entrance and exit. A flag person will assist in trucks

leaving the site.

4.2 Transporters

Transporters for the soil are as follows:

Non-Hazardous Soil

Fiacco Trucking, 35 Kuhl Blvd, Wynantskill, NY 12198, NYSDEC Permit #4A-503

Hazardous Soil

Veolia Environmental Services, 3100 Hedley Street, Philadelphia, PA 19137 (215) 289-3700

Clean Harbors, 2500 Burnt Pine Ct, Antioch, TN 37013 (615) 202-5667

5.0 WASTE MATERIAL DOCUMENTATION

Each waste stream will be characterized and approved prior to transportation off-site. A copy of the shipping document for each truckload will be maintained on-site until the project is complete.

5.1 Hazardous Waste Shipment

New York State tracks the movement of hazardous waste generated and managed in the State from "cradle to grave" - from when it leaves the place of generation until it gets to the place where it is managed. A hazardous waste manifest form is used, which travels with the hazardous waste and must be signed by the generator, transporter, and the receiving facility.

To track each shipment, New York State requires the generator to mail a copy of the manifest form to the State when the shipment leaves their site. The receiving facility also mails a copy of the manifest form to the State when the waste arrives at their facility for management. The State, through a computer system, can match up these two manifests, documenting that the hazardous waste was safely transported to its destination.

The new manifest form has six sheets (two less than the old form.) This means that the waste Generator will need to make additional copies of the manifest form. They will need to make copies for "Generator State - Mailed by Generator" and "Disposer State - Mailed by Generator" as necessary and submit them to the Generator or Disposer State. A copy of the Uniform Hazardous Waste Form is provided in Appendix B.

Hazardous Waste Manifest forms submitted to NYS DEC must be postmarked within 10 days of waste shipment for the generator within 10 days of waste receipt for Treatment, Storage and Disposal Facilities (TSDF's).

If the waste is categorized as a hazardous waste, a manifest of hazardous waste will be prepared for each truck, based on analytical data and the landfill approval profile sheet. After loading the truck, the driver will be required to sign the manifest. Earth Tech will sign the manifest as an authorized designee for LMC. The generator's copy and the NYSDEC copy will be removed from the manifest package for logging and tracking purposes. The balance of the manifest sheets

will be handed over to the driver to accompany the shipment of the waste to the landfill facility. At a minimum, the manifest document will include the following information:

- Name and Address of Waste Generator;
- Name and Address of Waste Transporter;
- Name and Address of Disposal Facility;
- Description of the Waste; and
- Quantity of Waste Shipped.

5.2 Non-Hazardous Waste Shipment

New York State does not track the movement of non-hazardous waste generated and managed in the State. Each generator typically tracks the non-hazardous waste to document from "cradle to grave" - from when it leaves the place of generation until it gets to the place where it is managed. A non-hazardous waste manifest form is used, which travels with the non-hazardous waste and is signed by the generator, transporter, and the receiving facility. A copy of a non-hazardous waste form is provided in Appendix C. The receiving facility typically returns a signed copy of the non-hazardous manifest with the total weight received.

If the waste is characterized as non-hazardous waste, the truck driver will be handed a non-hazardous waste manifest. After loading the truck, the driver will sign the non-hazardous waste manifest. A generator's copy will be retained on-site for logging and tracking purposes. At a minimum, the manifest will include the following information:

- Name and Address of Waste Generator;
- Name and Address of Waste Transporter;
- Name and Address of Disposal Facility;
- Description of the Waste; and
- Quantity of Waste Shipped.

6.0 OFF-SITE LAND DISPOSAL FACILITIES

Based on the results of waste profile and classification, the generated waste will be transported to a proper off-site disposal facility. Final determination of the facility selected for disposal will be based on approval from the disposal facility. Once the disposal facility is determined, copies of waste profile reports used to secure disposal permission from the facility will be provided to LMC.

6.1 Non-Hazardous Soil

It is anticipated that the all of the excavated soil from the Areas 1-19 and some of the soil from Area 20 will meet non-hazardous waste classification criteria. Non-hazardous material will be transported to Ontario County Landfill.

Facility Address:

Ontario County Landfill
1879 Routes 5 & 20
Stanley, NY 14561
Phone: (585) 526-4420

6.2 Hazardous Waste

It is anticipated that some of the excavated soil from the Area 20 will not meet non-hazardous waste classification criteria. Excavation material that is classified as hazardous waste will be transported to either Michigan Disposal or Sarnia Landfill facility for disposal.

Facility Address:

Michigan Disposal Waste Treatment Plant
49350 North I-94 Service Drive
Belleville, Michigan 48111
Phone: (800) 592-5489
Fax: (800) 592-5329
EPA ID #: MID 000 724 831

Lambton (Sarnia) Landfill

Clean Harbors Canada, Inc.

4090 Telfer Road, Rural Route #1

Corunna, ONN0N 1G0CN

Toll Free: 800.485.6695

Fax: 519.864.1437

EPA ID: Receiver A031806 / Generator ON0039017 / Carrier A8581

7.0 RECORDKEEPING

During the course of the project Earth Tech will maintain copies of transporter permits, copies of manifests and recording weights that are reported from the landfill facilities. Discrepancies will be reported to the on-site Engineer and any action items will be addressed.

Waste characterization, chain of custody, transportation, and destruction records will be scanned and electronically submitted to the Lockheed Martin Project Lead for records retention as part of the final report. This will include the waste profile forms, generator copy of the waste manifest, Land Disposal Restriction forms, and certificates of waste destruction where applicable.

FIGURE 1
LOCAL TRAFFIC ROUTE

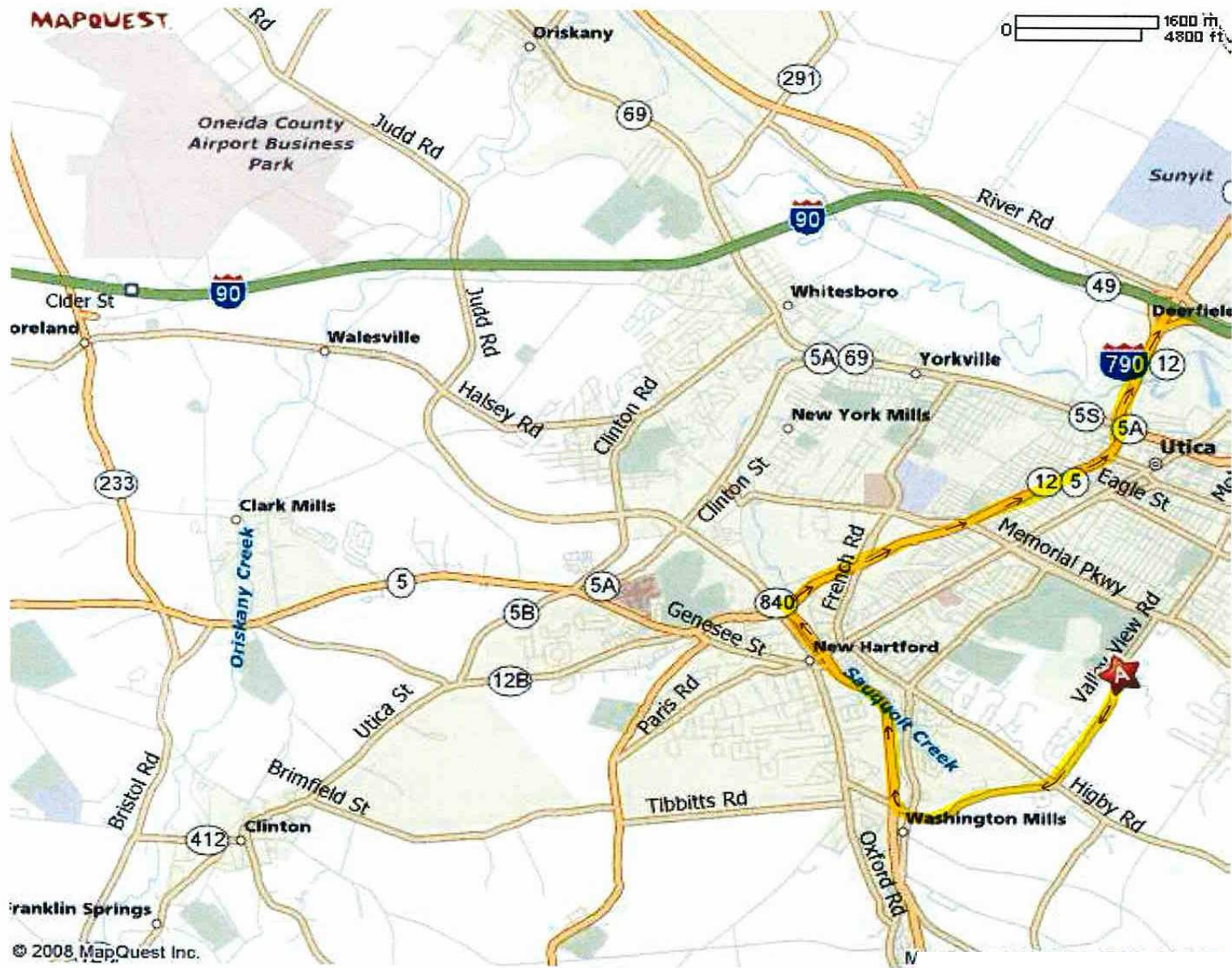


Figure 1 – Local Traffic Route

APPENDIX A
LMC AUTHORIZATION

Lockheed Martin Corporation
6801 Rockledge Drive, Bethesda, MD 20817
Telephone 301-214-9958



June 20, 2008

Transmitted By Electronic Mail

Earth Tech Northeast, Inc.
Attn: Mr. Keith Decker
40 British American Blvd.
Latham, NY 12110

**Re: *Authorization to Sign Disposal Profiles and Waste Manifests -
S.O.S. Septic Tank Service (Scully) Site, New Hartford, NY***

Dear Mr. Decker:

This letter is in regard to the work Earth Tech Northeast, Inc. (Earth Tech) is performing at the S.O.S. Septic Tank Service (Scully) Site, located at 204 Valley View Road, in New Hartford, New York (Site), involving the management for off-site transportation and disposal of contaminated soil and other hazardous materials removed from the Site and off-site areas.

Earth Tech employees working at the Site are hereby authorized to sign disposal profiles and waste manifests on behalf of Lockheed Martin Corporation. Waste manifests shall be signed in the section designated for the generator's signature. The Earth Tech on-site representative must sign disposal profiles and waste manifests as follows: "(Name), on behalf of Lockheed Martin." A copy of all disposal profiles and waste manifests signed in this manner and a copy of the shipper's bills of lading for wastes transported off site for disposal must be provided to:

Thomas D. Blackman
Project Lead, Environmental Remediation
Lockheed Martin Corporation
6801 Rockledge Drive; MP: CLE-610
Bethesda, MD 20817

Please provide me a list of the Earth Tech on-site representatives who have been designated to sign disposal profiles and waste manifests on behalf of Lockheed Martin before work commences at the Site.

This authorization will expire with the current soil removal contract unless the contract is renewed. This authorization relates to shipments of both non-hazardous and hazardous materials from the Site.

Please call me at (301) 214-9958 – office, or (240) 460-7508 – mobile, if you have any questions.

Mr. Keith Decker, June 20, 2008 Page 2 of 2

Sincerely,

A handwritten signature in black ink, appearing to read "Tom D. Blackman", with a long horizontal flourish extending to the right.

Thomas D. Blackman
Project Lead, Environmental Remediation

BET 151

cc: Mary P. Morningstar, Esq. - Lockheed Martin Corporation (LMC)
Bob Fogelson, LMC
Walt Howard – Earth Tech Corporation
Tom Horn – CDM
Peter Borowiec – CDM

APPENDIX B
UNIFORM HAZARDOUS WASTE MANIFEST

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Manifest Tracking Number 004391501 JJK			
		5. Generator's Name and Mailing Address						Generator's Site Address (if different than mailing address)			
Generator's Phone:											
6. Transporter 1 Company Name						U.S. EPA ID Number					
7. Transporter 2 Company Name						U.S. EPA ID Number					
8. Designated Facility Name and Site Address						U.S. EPA ID Number					
Facility's Phone:											
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes					
		No.	Type								
1.											
2.											
3.											
4.											
14. Special Handling Instructions and Additional Information											
<p>15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.</p>											
Generator's/Offeror's Printed/Typed Name						Signature			Month	Day	Year
<p>16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____</p> <p>Transporter signature (for exports only): _____</p>											
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name						Signature			Month	Day	Year
Transporter 2 Printed/Typed Name						Signature			Month	Day	Year
18. Discrepancy											
<p>18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection</p> <p style="text-align: right;">Manifest Reference Number: _____</p>											
18b. Alternate Facility (or Generator)						U.S. EPA ID Number					
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator)									Month	Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1.	2.	3.	4.								
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name						Signature			Month	Day	Year

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

APPENDIX C
NON-HAZARDOUS WASTE MANIFEST

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	
3. Generator's Name and Mailing Address					
4. Generator's Phone ()					
5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone			
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone			
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone			
11. Waste Shipping Name and Description		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	
a.		..	.	.....
b.		..	.	.....
c.		..	.	.....
d.		..	.	.....
D. Additional Descriptions for Materials Listed Above			E. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Printed/Typed Name		Signature		Month	Day Year
				.	. .
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month	Day Year
				.	. .
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month	Day Year
				.	. .
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month	Day Year
				.	. .

GENERATOR
 TRANSPORTER
 FACILITY