

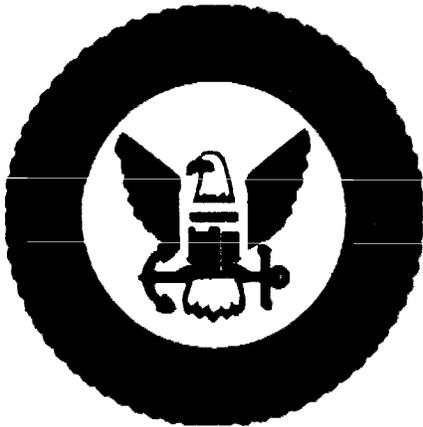
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CNC CHARLESTON  
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COMPLETION REPORT PROCESS CLOSURE FOR SOLID WASTE MANAGEMENT UNIT 25  
(SWMU 25) BUILDING 44 ANNEX WITH TRANSMITTAL CNC CHARLESTON SC  
6/30/1997  
CHARLESTON ENVIRONMENTAL DETACHMENT



# COMPLETION REPORT

**PROCESS CLOSURE / DEMOLITION FOR  
SWMU 25 (BUILDING 44 ANNEX)  
NAVAL BASE CHARLESTON  
CHARLESTON, SC**



Prepared for:

**DEPARTMENT OF THE NAVY  
SOUTHERN DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
CHARLESTON SC**



Prepared by:

**Supervisor of Shipbuilding, Conversion and Repair,  
USN, (SUPSHIP) Portsmouth Va.,  
Environmental Detachment Charleston, S.C.  
1899 North Hobson Ave.  
North Charleston, SC 29405-2106**

June 30, 1997



**DEPARTMENT OF THE NAVY**  
SUPERVISOR OF SHIPBUILDING, CONVERSION AND REPAIR, USN  
PORTSMOUTH, VIRGINIA, DETACHMENT ENVIRONMENTAL CHARLESTON  
1899 NORTH HOBSON AVENUE, BUILDING 30  
NORTH CHARLESTON, SOUTH CAROLINA 29405-2106

IN REPLY REFER TO:

Ser: 1063

OCT 30 1997

From: Director, Supervisor of Shipbuilding, Conversion and Repair, USN,  
Portsmouth, VA, Environmental Detachment Charleston  
(SPORTENVDETCHASN)  
To: Commanding Officer, Southern Division Naval Facilities Engineering  
Command (Code 18 - Hayes Patterson)  
Subj: COMPLETION REPORT FOR PROCESS CLOSURE OF BUILDING 44  
ANNEX (SWMU 25), PROJECT NUMBER C96018

Encl: (1) Completion Report Process Closure/Demolition for SWMU 25  
(Building 44 Annex) Naval Base Charleston, Charleston, SC

1. Subject report was delivered to Southern Division, Naval Facilities Engineering Command on June 30, 1997 for review and comment. There were no comments generated or received by SPORTENVDETCHASN, therefore the report is issued as complete.

2. Questions regarding this report may be directed to Danny Hughes at 743-6777 ext. 122, or Kevin Tunstall at ext. 227.

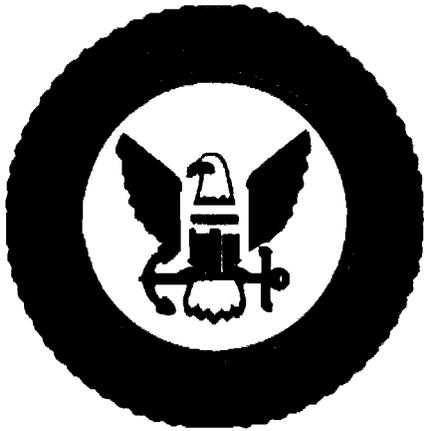
*Kevin Tunstall*  
E.R. DEARHART

Copy to:  
Ensafe, Inc. (Todd Havercost)



# COMPLETION REPORT

PROCESS CLOSURE / DEMOLITION FOR  
SWMU 25 (BUILDING 44 ANNEX)  
NAVAL BASE CHARLESTON  
CHARLESTON, SC



Prepared for:

DEPARTMENT OF THE NAVY  
SOUTHERN DIVISION  
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Supervisor of Shipbuilding, Conversion and Repair,  
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1899 North Hobson Ave.  
North Charleston, SC 29405-2106

June 30, 1997

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## ACRONYM LIST

|                  |  |
|------------------|--|
| AOC              | Area of Concern  |
| BEQ              | Benzo(a)pyrene Equivalents   |
| CNCRA            | Charleston Naval Complex Redevelopment Authority   |
| CMS              | Corrective Measure Study   |
| COPC             | Constituents of Potential Concern  |
| DERP             | Defense Environmental Restoration Program  |
| DON              | Department of the Navy   |
| DQO              | Data Quality Objective   |
| EOX              | Extractable Organic Halides  |
| EPA              | U.S. Environmental Protection Agency   |
| IM               | Interim Measure  |
| IR               | Installation Restoration   |
| RBC              | Risk Based Concentration   |
| RCRA             | Resource Conservation and Recovery Act   |
| RFA              | RCRA Facility Assessment   |
| RFI              | RCRA Facility Investigation  |
| SARA             | Superfund Amendments and Restoration Act   |
| SCDHEC           | South Carolina Department of Health and Environmental Control  |
| SOUTHDIV         | Southern Division Naval Facilities Engineering Command   |
| SPORTENVDETCHASN | Supervisor of Shipbuilding, Conversion and Repair,<br>Portsmouth VA, Environmental Detachment Charleston |
| SWMU             | Solid Waste Management Unit  |

## **1. INTRODUCTION**

**1.1 INSTALLATION RESTORATION PROGRAM.** The purpose of the Department of the Navy (DON) Installation Restoration (IR) Program is to identify, assess, characterize, and cleanup or control contamination from past hazardous waste disposal operations and hazardous material spills at Navy and Marine Corps activities. The Defense Environmental Restoration Program (DERP) is codified in the Superfund Amendments and Reauthorization Act (SARA) Section 211 (10 USC 2701). The IR Program is a component of the DERP.

**1.1.1 Naval Base Charleston IR Program.** At Naval Base Charleston, a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) was prepared which divided the Naval Base into zones and identified Solid Waste Management Units (SWMU) and Areas of Concern (AOC) within each zone. The RFA evaluated each SWMU and AOC and determined which sites required further investigation. Based on the RFA, a RCRA Facility Investigation (RFI) work plan has been or is being prepared for each zone containing SWMUs and AOCs requiring further investigation. On completion of the RFI for each zone, a RFI report will be prepared for that zone. The RFI reports will identify SWMUs and AOCs containing hazardous wastes requiring remediation. Eventually, Corrective Measures Studies (CMS) will be prepared to determine the best means of remediating the site.

**1.2 SOLID WASTE MANAGEMENT UNIT 25.** SWMU 25 is the site of a former electroplating facility associated with Building 44 which is located in Zone E. The electroplating facility occupied two rooms in the northwest portion of Building 44 which connected to an annex. The electroplating facility is bordered on the north by Building 5, on the south by Building 44, on the east by Avenue B, and on the west by Hobson Avenue. The facility contained approximately 40 metal tanks that contained the solutions used in the plating process. These tanks and associated equipment were removed in 1995 during the closure operations of Charleston Naval Shipyard.

**1.3 BUILDING 44 DEMOLITION.** During the interval between the RFI and the completion of the CMS, it was decided by Southern Division Naval Facilities Engineering Command (SOUTHDIV) that an IM would be performed by Supervisor of Shipbuilding, Conversion and Repair, Portsmouth VA, Environmental Detachment Charleston (SPORTENVDETCHASN). To facilitate the sampling effort for the RFI, a process closure action to demolish and remove the building was deemed necessary prior to implementation of any interim measure action. The objective of this process closure action was to demolish the annex, since it was considered unsafe, and to allow access to the soil underneath the building. This action was consistent with the ultimate cleanup of SWMU 25 and was not intended to circumvent the public participation process inherent within environmental cleanup under RCRA authority.

## **2. INTERIM MEASURE EXECUTION**

**2.1 ACTIONS REQUIRED BY INTERIM MEASURE WORK PLAN.** Clean the rooms located in Building 44. Remove the asbestos roof coating and the asbestos pipe from the annex. Demolish and remove the annex, floor slab and in ground electrical utility manhole. See Appendix A for site location.

### **2.2 PROBLEMS ENCOUNTERED.**

**2.2.1 HIGH VOLATGE UTILITY MANHOLE.** The electrical utility manhole, shown in Appendix B (Figure B-1), could not be removed as planned. After the removal of the annex floor and pump down of the water which filled the manhole, it was discovered that seven electrical cables traversed through the manhole, three of which were high voltage (13,200 volts). South Carolina Electric and Gas Co. was requested to determine if the cables in the manhole were energized. Drawings do not show origin or destination of the cables passing through this manhole. None of the SCE&G employees were Hazardous Worker Operations (HAZWOPER) qualified to enter the site to inspect the manhole, nor was their contractor who performs gas free testing of enclosed spaces. Since no one was able to determine the status of the electrical lines no attempt was made to cut the cables in order to remove the manhole. Also, it was discovered that concrete conduits encased the cables leading to and from the manhole. These conduits were not part of the original plan, but should be considered for removal along with the manhole during any follow up action.

**2.2.2 ADDITONAL VOLUME OF HAZARDOUS WASTE.** After the removal of the asbestos roofing material, it was revealed that areas of the roof contained chromium contamination. Samples taken proved the roof contained chromium above 5 parts per million (ppm) Toxic Characteristic Leaching Process (TCLP). Furthermore, the concrete columns inside the annex could not be cleaned by pressure washing as detailed in the plan. Sample analysis of a column after pressure washing also indicated levels of chromium above 5 ppm TCLP.

Additional debris was encountered in the cleaning room of the annex due to two concrete floors, one on the top of the other. This double floor was not indicated on any drawings but was removed along with the top flooring with a minor amount of additional effort.

The concrete roof, beams, purlins, interior columns and double concrete floor added significantly to the amount of hazardous waste removed during the demolition.

**2.3 PLAN MODIFICATIONS AND JUSTIFICATION.** Modified the work plan to leave electrical utility manhole.

### **3. INTERIM MEASURE OUTCOME**

**3.1 SITE CONDITIONS FOLLOWING COMPLETION OF WORK.** On 11 April 1997, after completion of work, SPORTENVDETHASN had removed 396 tons of building material from SWMU 25. The door ways from Building 44 into the annex were filled with concrete block and the annex area covered with plastic sheeting to prevent water infiltration and runoff. An electrical vault that was adjacent to the annex in the alley has been identified as being contaminated with chromium. Several areas of concrete outside the annex have the visual appearance of being contaminated.

**3.2 AREAS REQUIRING FURTHER ACTION.** The electrical utility manhole and associated concrete conduit need to be removed if any evacuation at the site is deemed required by the RFI.

## **4. SAMPLING**

**4.1 SAMPLING EVOLUTIONS AND RESULTS.** Initial sampling was conducted to determine the areas of contamination for accessing waste volume. Additional samples were taken to verify cleaning evolutions and to test areas previously indiscernible as contaminated. Initial sampling included walls, floors, drains, trenches and concrete columns. Additional sampling included the concrete roof, beams and purlins. Sample results are included in Appendix B.

## **5. WASTE GENERATION**

**5.1 HAZARDOUS/POTENTIALLY HAZARDOUS WASTE.** The hazardous waste identified below in paragraph 5.1.1 was packaged at the work site for disposal. A less than 90 day storage area was created to accumulate the waste at the site as the building was being demolished. The less than 90 day storage area met the requirements of the South Carolina Department of Health and Environmental Control (SCDHEC) regulations R.61-79.265. See Appendix C for shipping manifest.

**5.1.1 Hazardous Waste.** Between 26 February 1997 and 1 April 1997 twenty three shipments, for a total of 330.09 tons, of contaminated building material was packed in 20 cubic yard roll offs and transported to Laidlaw Environmental Services of South Carolina, Inc. for disposal. The disposal site was located in Pinewood, SC at a Title "C" landfill and the disposal made under license number N9702076.

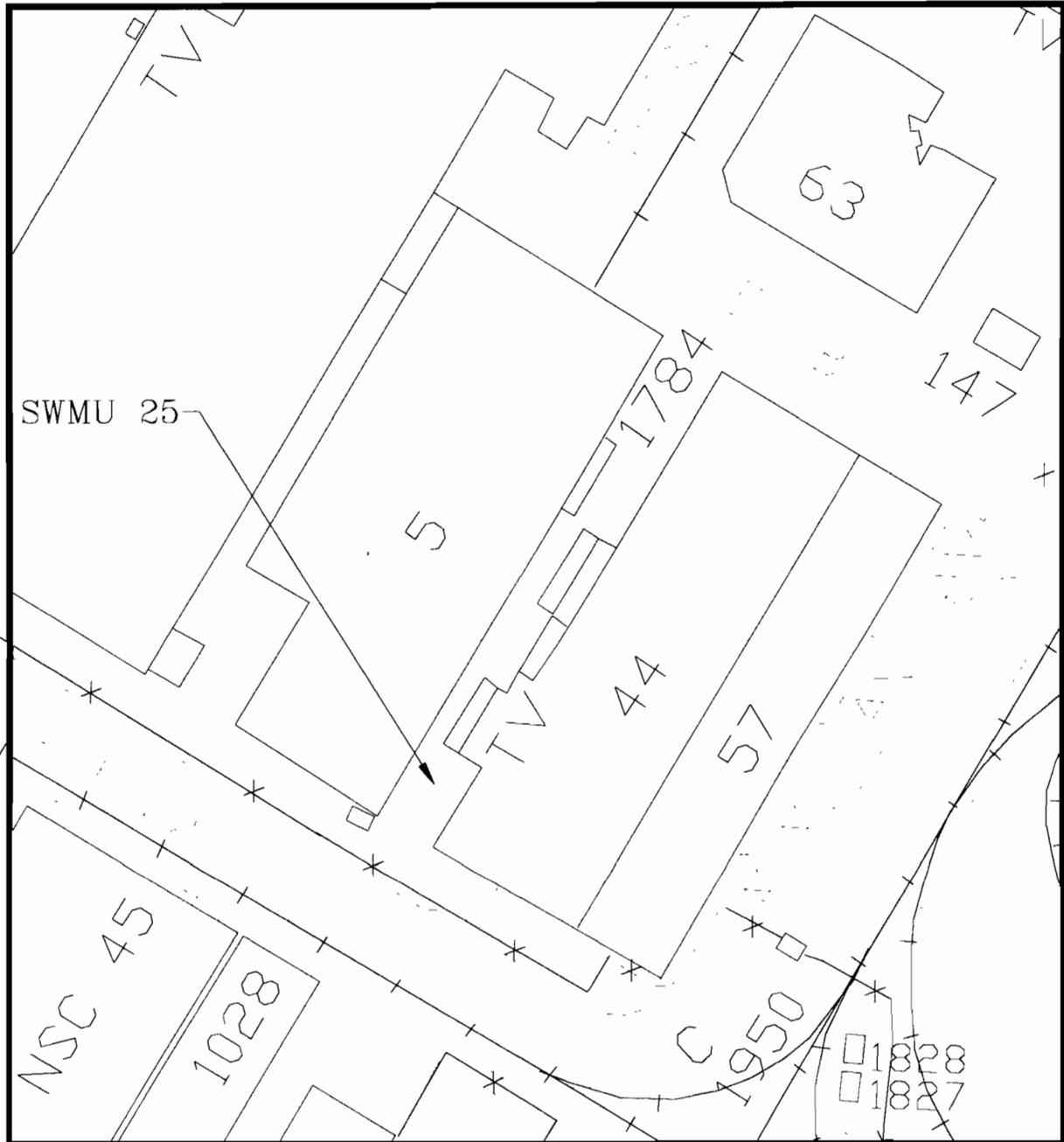
**5.1.2 Asbestos Waste.** One shipment of asbestos containing material (5.96 Tons) was transported by Fennel Container Company, Inc. to Chambers Oakridge Landfill located in Dorchester County, South Carolina under license number SC N9612040 on 21 February 1997.

**5.2 NON-HAZARDOUS WASTE.** A total of 60 tons of non-hazardous construction material was removed from the site and transported to Charleston County Landfill on Bees Ferry Road.

**APPENDIX A**

**SITE MAP**

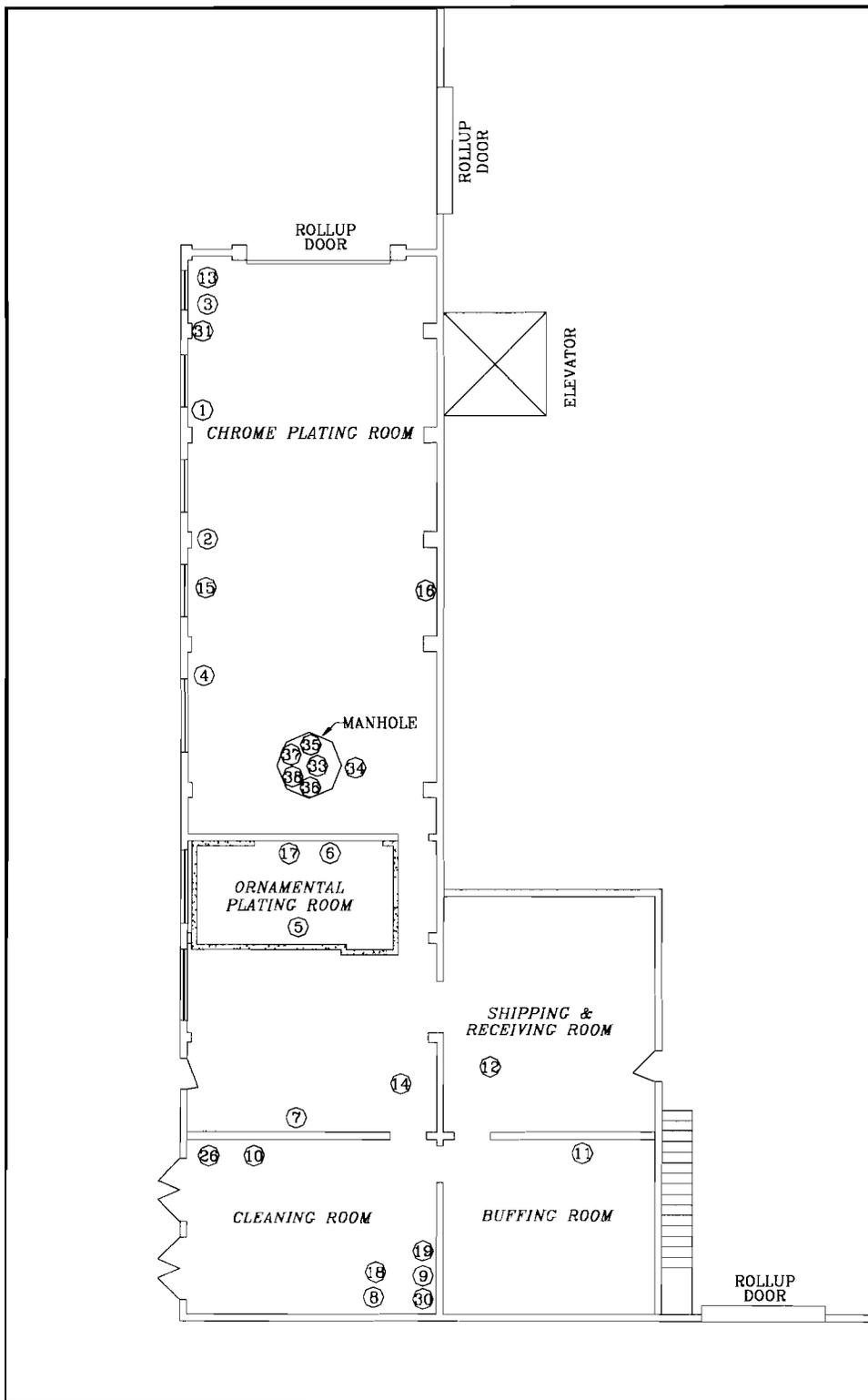
# FIGURE A-1 SWMU 25 SITE MAP



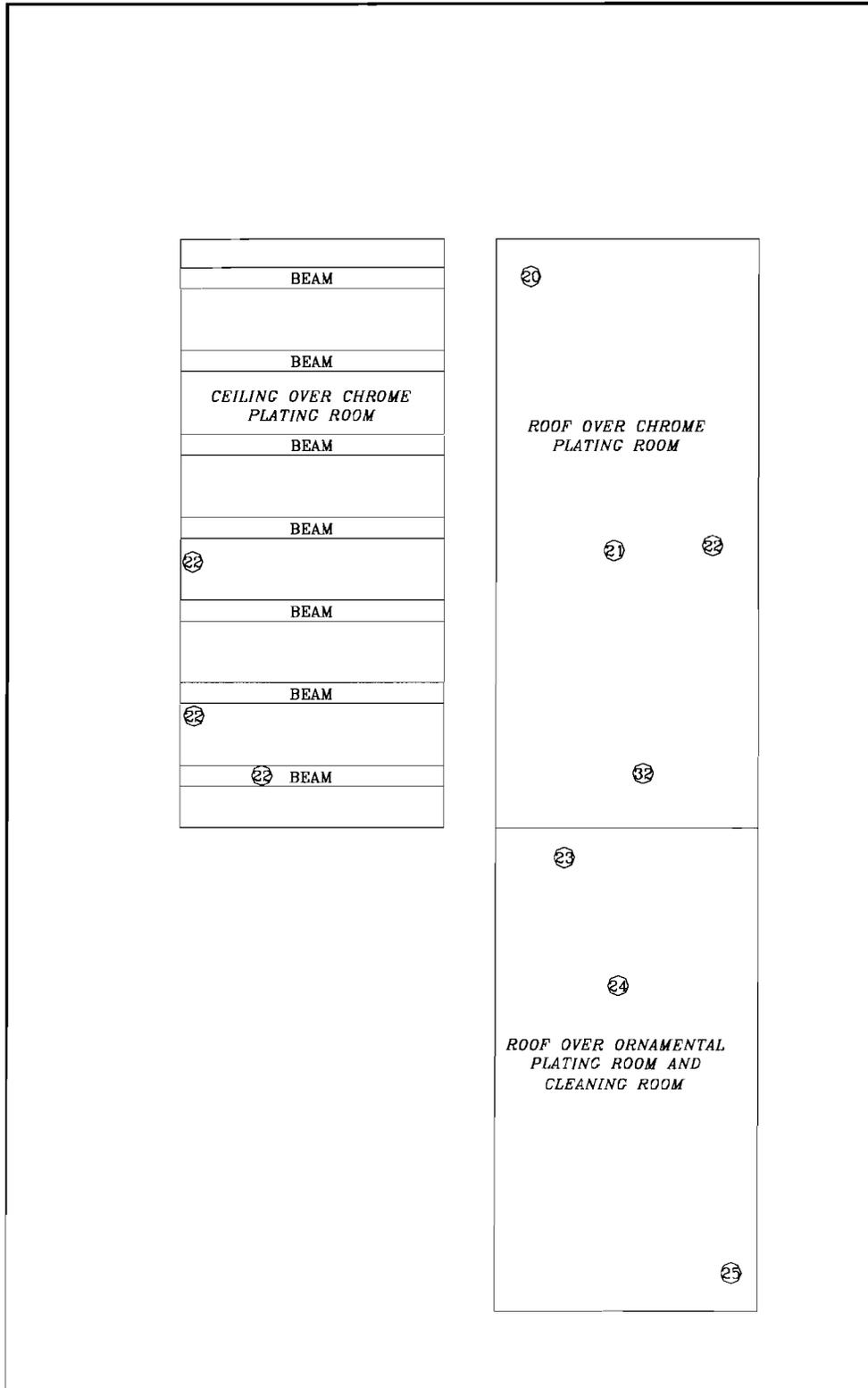
# APPENDIX B

## SAMPLE DATA

# FIGURE B-1 SAMPLE LOCATIONS



# FIGURE B-1 Con't SAMPLE LOCATIONS



## TABLE B-1

### BUILDING 44 ANNEX DEMOLITION SAMPLE IDENTIFICATION

| LOCATION | SAMPLE ID #  | TYPE OF ANALYSIS                         | TYPE OF SAMPLE | DESCRIPTION OF SAMPLE LOCATION            |
|----------|--------------|--|----------------|---|
| 1        | SPORT0120-1  | TCLP                                     | CONCRETE       | North wall 2' up, 12' from East wall      |
| 2        | SPORT0120-2  | TCLP                                     | CONCRETE       | North wall 8' high, 18' from East wall    |
| 3        | SPORT0120-3  | TCLP/RCRA METALS/<br>HEXAVALENT CHROMIUM | CONCRETE       | Floor                                     |
| 4        | SPORT0120-4  | TCLP                                     | CONCRETE       | Bottom block 16' from West wall           |
| 5        | SPORT0120-5  | TCLP                                     | DRAIN RESIDUE  |   |
| 6        | SPORT0120-6  | TCLP                                     | CONCRETE       | Bottom block 14' from North wall          |
| 7        | SPORT0120-7  | TCLP                                     | CONCRETE       | Middle block 5' high, 10' from North wall |
| 8        | SPORT0120-8  | TCLP                                     | CONCRETE       | Bottom block 18' from North wall          |
| 9        | SPORT0120-9  | TCLP                                     | CONCRETE       | Floor                                     |
| 10       | SPORT0120-10 | TCLP                                     | CONCRETE       | Middle block 5' high, 6' from North wall  |
| 11       | SPORT0120-11 | TCLP/RCRA METALS                         | TRENCH RESIDUE | Trench in buffing room                    |
| 12       | SPORT0120-12 | TCLP/RCRA METALS                         | TRENCH RESIDUE | Trench in shipping and receiving room     |
| 13       | SPORT0120-13 | TCLP/RCRA METALS/<br>HEXAVALENT CHROMIUM | CONCRETE       | Duplicate of #3                           |
| 14       | SPORT0120-14 | TCLP/RCRA METALS                         | DRAIN RESIDUE  | Residue from drain                        |
| 15       | SPORT0122-1  | TCLP                                     | CONCRETE       | 8' high, 25' from East wall               |
| 16       | SPORT0122-2  | TCLP                                     | CONCRETE       | 2' high, 23' from East wall               |
| 17       | SPORT0122-3  | TCLP                                     | CONCRETE       | 8' high, 14' from North wall              |
| 18       | SPORT0122-4  | TCLP                                     | CONCRETE       | 8' high, 18' from North wall              |
| 19       | SPORT0122-5  | TCLP                                     | CONCRETE       | 3' high, 3' from South wall               |
| 20       | SPORT0131-1  | ASBESTOS                                 | TAR            | Roof coating north east corner upper roof |
| 21       | SPORT0131-2  | ASBESTOS                                 | TAR            | Roof coating center of upper roof         |
| 22       | SPORT0131-3  | ASBESTOS                                 | TAR            | Roof coating south end center upper roof  |
| 23       | SPORT0131-4  | ASBESTOS                                 | TAR            | Roof coating north east side lower roof   |
| 24       | SPORT0131-5  | ASBESTOS                                 | TAR            | Roof coating east side center lower roof  |
| 25       | SPORT0131-6  | ASBESTOS                                 | TAR            | Roof coating south west corner lower roof |
| 26       | SPORT0199-1  | PCB                                      | CONCRETE       | Cleaning room                             |
| 27       | SPORT0328-1  | TCLP                                     | CONCRETE       | Column after cleaning                     |
| 28       | SPORT0328-2  | TCLP                                     | CONCRETE       | Upper roof                                |
| 29       | SPORT0356-1  | TCLP                                     | CONCRETE       | Roof beam                                 |

## TABLE B-1 Con't

### BUILDING 44 ANNEX DEMOLITION SAMPLE IDENTIFICATION

| LOCATION | SAMPLE ID # | TYPE OF ANALYSIS   | TYPE OF SAMPLE | DESCRIPTION OF SAMPLE LOCATION |
|----------|-------------|--|----------------|--------------------------------|
| 30       | SPORT0356-2 | TCLP   | CONCRETE       | Roof beam                      |
| 31       | SPORT0356-3 | TCLP   | CONCRETE       | Roof beam                      |
| 32       | SPORT0357-1 | RCRA METALS  | SOIL           | Under grade block              |
| 33       | SPORT0390-1 | TCLP/RCRA METALS/<br>CYANIDE   | SOIL           | Inside vault                   |
| 34       | SPORT0390-2 | TCLP/RCRA METALS/<br>CYANIDE   | SOIL           | Outside vault                  |
| 35       | SPORT0390-3 | TCLP/RCRA METALS/<br>CYANIDE   | SOIL           | Floor residue inside vault     |
| 36       | SPORT0390-4 | RCRA METALS  | SWIPE          | Swipe of conduit pipe          |
| 37       | SPORT0392-1 | TCLP   | WATER          | Rinsate from vault pump down   |
| 38       | SPORT0405-1 | pH/NPDES METALS/<br>HEXAVALENT CHROMIUM,<br>CYANIDE, OIL &<br>GREASE | WATER          | Water from vault pump down     |

# APPENDIX C

## SHIPPING MANIFEST





# South Carolina Department of Health and Environmental Control

DET SER # 7093 H402

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

## UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. 250010000250013716  
Manifest Document No. 13716

2. Page 1 of 1 Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address  
Laidlaw Environmental Services (ES), Inc.  
190010 N Charleston, SC 29415-4010

A. State Manifest Document Number  
B. State Generator's ID

4. Generator's Phone (803) 743-6085

5. Transporter 1 Company Name Laidlaw Environmental Services (ES), Inc. 6. U.S. EPA ID Number 250010000250013716

C. State Transporter's ID  
D. Transporter's Phone 803-452-6060

7. Transporter 2 Company Name 8. U.S. EPA ID Number

E. State Transporter's ID  
F. Transporter's Phone

9. Designated Facility Name and Site Address Laidlaw Environmental Services (ES), Inc. 10. U.S. EPA ID Number

G. State Facility's ID  
H. Facility's Phone (803) 452-6003

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste Number |
|--|-------------------------|--------------------|-----------------|-----------------|
| a. 200 lbs. of hazardous waste...  |                         |                    |                 |                 |
| b.   |                         |                    |                 |                 |
| c.   |                         |                    |                 |                 |

J. Additional Descriptions for Materials Listed Above  
a. b. c. d.

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
Waste code: 21663  
Phone: 743-6085

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St. SW, Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

Printed/Typed Name: W.A. Drury Signature: W.A. Drury Month: 04 Day: 03 Year: 97

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name: Willard Horley Signature: Willard Horley Month: 04 Day: 03 Year: 97

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name: Signature: Month: Day: Year:

Discrepancy Indication Space  
a. lbs c. lbs  
b. lbs d. lbs

20. Facility Owner or Operator, Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name: Signature: Month: Day: Year:

GENERATOR

TRANSPORTER

FACILITY



# South Carolina Department of Health and Environmental Control

DESER # 7093HH01

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bell Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

## IFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. 500170023500

Manifest Document No. 13775

2. Page 1 of

Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address  
SOUTH DYNAPAC ENGINEERING, Inc. 1000 W. 10th St. Box 10000, Columbia, SC 29405-0000

4. Generator's Phone (803) 742-1989

5. Transporter 1 Company Name  
Law Environmental Services, Inc.

6. U.S. EPA ID Number  
500170023500

7. Transporter 2 Company Name

8. U.S. EPA ID Number

9. Designated Facility Name and Site Address  
Law Environmental Services of South Carolina, Inc.  
1000 W. 10th St. Box 10000, Columbia, SC 29405-0000

10. U.S. EPA ID Number  
500170023500

A. State Manifest Document Number

B. State Generator's ID

C. State Transporter's ID

D. Transporter's Phone 803-452-6060

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone (803) 452-5003

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type

13. Total Quantity

14. Unit Wt/Vol

I. Waste Number

a. 20 Gallons of Waste Oil, 400 lbs, 400 lbs

b.

c.

J. Additional Descriptions for Materials Listed Above

a. b. c. d.

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
Additional EPA waste codes: 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief Information Policy Branch PM-223 U.S. Environmental Protection Agency 401 M St SW Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington D.C. 20503

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.  
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: E. STUBBS Signature: E. Stubbs Month: 12 Day: 17 Year: 1987

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  
a. \_\_\_\_\_ lbs c. \_\_\_\_\_ lbs  
b. \_\_\_\_\_ lbs d. \_\_\_\_\_ lbs

20. Facility Owner or Operator, Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name: Signature: Month: Day: Year:

GENERATOR INFORMATION



# South Carolina Department of Health and Environmental Control

DET SEC # 7091 H402

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

|  |  |   |  |   |  |   |  |  |  |  |  |
|--|--|---|--|---|--|---|--|--|--|--|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>  |  | 1. Generator's U.S. EPA ID No.<br>SC00170022500   |  | Manifest Document No.<br>13167          |  | 2. Page 1 of 1                            |  | Information in the shaded areas is not required by Federal law, but is by State law. |  |  |  |
| 3. Generator's Name and Mailing Address<br>SOUTH DIVNAVAFACENCOM, Caretaker Site Office, PO Box 190010, B. Charleston, SC 29419-9010   |  | 6. U.S. EPA ID Number<br>SC00170022500  |  | 7. U.S. EPA ID Number                   |  | A. State Manifest Document Number         |  | B. State Generator's ID  |  |  |  |
| 4. Generator's Phone (803) 743-9985  |  | 5. Transporter 1 Company Name<br>SOUTH DIVNAVAFACENCOM, Inc.  |  | 6. U.S. EPA ID Number<br>SC00170022500  |  | C. State Transporter's ID<br>803-452-6060 |  | D. Transporter's Phone   |  |  |  |
| 7. Transporter 2 Company Name  |  | 8. U.S. EPA ID Number   |  | 9. U.S. EPA ID Number                   |  | E. State Transporter's ID                 |  | F. Transporter's Phone   |  |  |  |
| 9. Designated Facility Name and Site Address<br>SOUTH DIVNAVAFACENCOM, Caretaker Site Office, PO Box 190010, B. Charleston, SC 29419-9010  |  | 10. U.S. EPA ID Number<br>SC00170022500   |  | 10. U.S. EPA ID Number<br>SC00170022500 |  | G. State Facility's ID                    |  | H. Facility's Phone<br>(803) 452-5003  |  |  |  |
| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)   |  | 12. Containers No. Type   |  | 13. Total Quantity                      |  | 14. Unit Wt/Vol                           |  | I. Waste Number  |  |  |  |
| a. 90, Hazardous waste Solid, N.O.S., 9, NA3077, 99.99 Chromium, Lead  |  | 0 0 1 0 0 0   |  | 2 0 0                                   |  |   |  | D-007<br>D008  |  |  |  |
| b.   |  |   |  |   |  |   |  |  |  |  |  |
| c.   |  |   |  |   |  |   |  |  |  |  |  |
| J. Additional Descriptions for Materials Listed Above  |  | a. W-01243-1101   |  | c.                                      |  | K. Handling Codes for Wastes Listed Above |  |  |  |  |  |
| 15. Special Handling Instructions and Additional Information<br>Additional EPA Waste Codes: 1A, -D004, E005, E006, D010, F011<br>24 hour emergency contact: Rick Nielson or Gary Crawford (803) 743-9985   |  | Public reporting burden for this collection of information is estimated to average: 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St. S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503. |  |   |  |   |  |  |  |  |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.<br>If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  | Printed/Typed Name<br>RICK NIELSON  |  | Signature<br>Rick Nielson               |  | Month Day Year<br>04/01/97                |  |  |  |  |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials  |  | Printed/Typed Name<br>Roy T. Varney   |  | Signature<br>Roy T. Varney              |  | Month Day Year<br>04/01/97                |  |  |  |  |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials  |  | Printed/Typed Name  |  | Signature                               |  | Month Day Year                            |  |  |  |  |  |
| J. Discrepancy Indication Space  |  | a. _____ lbs. c. _____ lbs.   |  | b. _____ lbs. d. _____ lbs.             |  |   |  |  |  |  |  |
| 20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.   |  | Printed/Typed Name  |  | Signature                               |  | Month Day Year                            |  |  |  |  |  |

GENERATOR

TREATMENT STORAGE AND DISPOSAL FACILITY





# South Carolina Department of Health and Environmental Control

DET SER # 7090HH02

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

|   |   |                                    |                |  |
|---|---|------------------------------------|----------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b> | 1. Generator's U.S. EPA ID No.<br>S C 0 1 7 0 0 2 2 5 6 0 | Manifest Document No.<br>1 3 7 8 5 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is by State law. |
|---|---|------------------------------------|----------------|--|

|   |                                   |
|---|-----------------------------------|
| 3. Generator's Name and Mailing Address<br>SOUTH DIVNAVFACENCOM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010 | A. State Manifest Document Number |
|---|-----------------------------------|

|                                       |                         |
|---------------------------------------|-------------------------|
| 4. Generator's Phone ( 803 ) 743-9985 | B. State Generator's ID |
|---------------------------------------|-------------------------|

|   |  |                           |  |
|---|--|---------------------------|--|
| 5. Transporter 1 Company Name<br>Laidlaw Environmental Services(TG), Inc. | 6. U.S. EPA ID Number<br>S C D 9 8 7 5 7 4 6 4 7 | C. State Transporter's ID | D. Transporter's Phone<br>803-413-0000 |
|---|--|---------------------------|--|

|                               |                       |                           |                        |
|-------------------------------|-----------------------|---------------------------|------------------------|
| 7. Transporter 2 Company Name | 8. U.S. EPA ID Number | E. State Transporter's ID | F. Transporter's Phone |
|-------------------------------|-----------------------|---------------------------|------------------------|

|  |   |                        |                                       |
|--|---|------------------------|---------------------------------------|
| 9. Designated Facility Name and Site Address<br>Laidlaw Environmental Services of South Carolina, Inc.<br>Rt 1 Box 255<br>Pinewood, South Carolina 29125 | 10. U.S. EPA ID Number<br>S C D 0 7 0 3 7 5 9 8 5 | G. State Facility's ID | H. Facility's Phone<br>(803) 457-5000 |
|--|---|------------------------|---------------------------------------|

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt/Vol | Waste Number       |
|--|-------------------------|--------------------|-----------------|--------------------|
| a. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)               | 0 0 1 C M               | 2                  | 0 Y             | D 0 0 7<br>D 0 0 8 |
| b.   |                         |                    |                 |                    |
| c.   |                         |                    |                 |                    |

|   |   |
|---|---|
| J. Additional Descriptions for Materials Listed Above | K. Handling Codes for Wastes Listed Above |
| a. PW - 0 1 3 4 3 - 1 1 0 1                           |   |
| b.  |   |

|   |   |
|---|---|
| 15. Special Handling Instructions and Additional Information<br>Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011<br>WO# 216629<br>24 hour emergency contact: Rick Nielson or Gary Crawford<br>(803) 743-9985 | Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503. |
|---|---|

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

|   |                                       |                               |
|---|---------------------------------------|-------------------------------|
| Printed/Typed Name<br>Charles E. STUTTS | Signature<br><i>Charles E. Stutts</i> | Month Day Year<br>0 3 3 1 9 7 |
|---|---------------------------------------|-------------------------------|

|   |                                     |                                   |                               |
|---|-------------------------------------|-----------------------------------|-------------------------------|
| 17. Transporter 1 Acknowledgement of Receipt of Materials | Printed/Typed Name<br>Roy T. Varner | Signature<br><i>Roy T. Varner</i> | Month Day Year<br>0 3 3 1 9 7 |
|---|-------------------------------------|-----------------------------------|-------------------------------|

|   |                    |           |                |
|---|--------------------|-----------|----------------|
| 18. Transporter 2 Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Month Day Year |
|---|--------------------|-----------|----------------|

19. Discrepancy Indication Space

a. \_\_\_\_\_ lbs. c. \_\_\_\_\_ lbs.

b. \_\_\_\_\_ lbs. d. \_\_\_\_\_ lbs.

|  |                    |           |                |
|--|--------------------|-----------|----------------|
| 20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. | Printed/Typed Name | Signature | Month Day Year |
|--|--------------------|-----------|----------------|

GENERATOR

TRANSPORTER

FACILITY



# South Carolina Department of Health and Environmental Control

*DET SER # 7090HH01*

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

|   |   |                                    |                |  |
|---|---|------------------------------------|----------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b> | 1. Generator's U.S. EPA ID No.<br>S C 0 1 7 0 0 2 2 5 6 0 | Manifest Document No. <b>13783</b> | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is by State law. |
|---|---|------------------------------------|----------------|--|

GENERATOR

|   |                         |   |  |
|---|-------------------------|---|--|
| 3. Generator's Name and Mailing Address<br><b>SOUTH DIVNAV FACENGCOM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010</b>              |                         | A. State Manifest Document Number             |  |
| 4. Generator's Phone ( <b>803</b> ) <b>743-9985</b>   |                         | B. State Generator's ID                       |  |
| 5. Transporter 1 Company Name<br><b>Laidlaw Environmental Services(TG), Inc.</b>  |                         | C. State Transporter's ID                     |  |
| 6. U.S. EPA ID Number<br>S C D 9 8 7 5 7 4 6 4 7  |                         | D. Transporter's Phone<br><b>803-734-0000</b> |  |
| 7. Transporter 2 Company Name   |                         | E. State Transporter's ID                     |  |
| 8. U.S. EPA ID Number   |                         | F. Transporter's Phone                        |  |
| 9. Designated Facility Name and Site Address<br><b>Laidlaw Environmental Services of South Carolina, Inc. Rt 1 Box 255 Pinewood, South Carolina 29125</b> |                         | G. State Facility's ID                        |  |
| 10. U.S. EPA ID Number<br>S C D 0 7 0 3 7 5 9 8 5   |                         | H. Facility's Phone<br><b>(803) 452-5000</b>  |  |
| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  | 12. Containers No. Type | 13. Total Quantity                            | 14. Unit Wt/Vol                                  |
| a. <b>RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)</b>   | <b>0 0 1 C M</b>        | <b>2 0 Y</b>                                  | Waste Number<br><b>D 0 0 7</b><br><b>D 0 0 8</b> |
| b.  |                         |   |  |
| c.  |                         |   |  |

|   |    |   |  |
|---|----|---|--|
| J. Additional Descriptions for Materials Listed Above |    | K. Handling Codes for Wastes Listed Above |  |
| a. <b>P W - 0 1 3 4 3 - 1 1 0 1</b>                   | c. |   |  |
| b.  | d. |   |  |

|   |   |
|---|---|
| 15. Special Handling Instructions and Additional Information<br><b>Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011</b><br><b>WO# 216628</b><br><b>24 hour emergency contact: Rick Nielson or Gary Crawford</b><br><b>(803) 743-9985</b> | Public reporting burden for this collection of information is estimated to average: 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St. S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503. |
|---|---|

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

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|  |                                   |                                   |
|--|-----------------------------------|-----------------------------------|
| Printed/Typed Name<br><b>GARY L CRAWFORD</b> | Signature<br><i>Gary Crawford</i> | Month Day Year<br><b>03 31 97</b> |
|--|-----------------------------------|-----------------------------------|

TRANSPORTER

|   |                                   |                                   |
|---|-----------------------------------|-----------------------------------|
| 17. Transporter 1 Acknowledgement of Receipt of Materials |                                   |                                   |
| Printed/Typed Name<br><b>Roy T. Varner</b>                | Signature<br><i>Roy T. Varner</i> | Month Day Year<br><b>03 31 97</b> |

|   |           |                |
|---|-----------|----------------|
| 18. Transporter 2 Acknowledgement of Receipt of Materials |           |                |
| Printed/Typed Name  | Signature | Month Day Year |

|                                 |      |    |      |
|---------------------------------|------|----|------|
| i. Discrepancy Indication Space |      |    |      |
| a.                              | lbs. | c. | lbs. |
| b.                              | lbs. | d. | lbs. |

FACILITY

|  |           |                |
|--|-----------|----------------|
| 20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. |           |                |
| Printed/Typed Name   | Signature | Month Day Year |



# South Carolina Department of Health and Environmental Control

DET SER # 7085 HHS 2

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803) 253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

## UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. SCD017502560 Manifest Document No. 13162

2. Page 1 of 1 Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address  
**SOUTH DIVNAVFACENCOM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010**

4. Generator's Phone ( 803 ) 743-9985

5. Transporter 1 Company Name LAIDLAW ENVIRONMENTAL SERVICES OF SOUTH CAROLINA, Inc. 6. U.S. EPA ID Number SCD0987574647

7. Transporter 2 Company Name \_\_\_\_\_ 8. U.S. EPA ID Number \_\_\_\_\_

9. Designated Facility Name and Site Address Laidlaw Environmental Services of South Carolina, Inc. 10. U.S. EPA ID Number SCD070375985  
Rt 1 Box 255  
Pinewood, South Carolina 29125

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  
a. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)

12. Containers No. 001 Type CM

13. Total Quantity 20 14. Unit Y

15. Special Handling Instructions and Additional Information  
Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011  
WO# 216542  
24 hour emergency contact: Rick Nielson or Gary Crawford  
(803) 743-9985

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name William Jackson Signature [Signature] Month 03 Day 26 Year 97

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name \_\_\_\_\_ Signature \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

19. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name \_\_\_\_\_ Signature \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

Discrepancy Indication Space  
a. \_\_\_\_\_ lbs. c. \_\_\_\_\_ lbs.  
b. \_\_\_\_\_ lbs. d. \_\_\_\_\_ lbs.

A. State Manifest Document Number  
B. State Generator's ID  
C. State Transporter's ID  
D. Transporter's Phone  
E. State Transporter's ID  
F. Transporter's Phone  
G. State Facility's ID  
H. Facility's Phone

Waste Number  
D 0 0 7  
D 0 0 8

K. Handling Codes for Wastes  
Public reporting burden for this collection of information is estimated to average: 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PMA-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

GENERATOR

TRANSPORTER

FACILITY



# South Carolina Department of Health and Environmental Control

DET SER # 7085 HH01

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

|   |   |                                |                |  |
|---|---|--------------------------------|----------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b> | 1. Generator's U.S. EPA ID No.<br>S C 0 1 7 0 0 2 2 5 6 0 | Manifest Document No.<br>13761 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is by State law. |
|---|---|--------------------------------|----------------|--|

|  |  |  |                                       |                     |
|--|--|--|---------------------------------------|---------------------|
| 3. Generator's Name and Mailing Address<br>SOUTH DIV NAV FAC ENG COM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010                 |  |  | A. State Manifest Document Number     |                     |
| 4. Generator's Phone (803) 743-9085  |  |  | B. Generator's ID                     |                     |
| 5. Transporter 1 Company Name<br>Laidlaw Environmental Services(TG), Inc.  |  | 6. U.S. EPA ID Number<br>S C D 9 8 7 5 7 4 6 4 7 |                                       | C. Transporter's ID |
| 7. Transporter 2 Company Name  |  |  | D. Transporter's Phone                |                     |
| 9. Designated Facility Name and Site Address<br>Laidlaw Environmental Services of South Carolina, Inc.<br>Rt 1 Box 255<br>Pinewood, South Carolina 29125 |  |  | E. Facility's ID                      |                     |
| 10. U.S. EPA ID Number<br>S C D 0 7 0 3 7 5 9 8 5  |  |  | F. Facility's Phone<br>(803) 743-5200 |                     |

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt/Vol | Waste Number       |
|--|-------------------------|--------------------|-----------------|--------------------|
| a. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)               | 0 0 1 C M               | 2 0 Y              |                 | D 0 0 7<br>D 0 0 8 |
| b.   |                         |                    |                 |                    |
| c.   |                         |                    |                 |                    |

|   |  |
|---|--|
| J. Additional Descriptions for Materials Listed Above | K. Handling Codes for Materials Listed Above |
| a. P W - 0 1 3 4 3 - 1 1 0 1                          |  |
| b.  |  |
| c.  |  |
| d.  |  |

15. Special Handling Instructions and Additional Information  
Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011  
WO# 216541  
24 hour emergency contact: Rick Nielson or Gary Crawford  
(803) 743-9985

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

|   |                                       |                            |
|---|---------------------------------------|----------------------------|
| Printed/Typed Name<br>RICHARD G. NEWSIN | Signature<br><i>Richard G. Newsin</i> | Month Day Year<br>03 26 97 |
|---|---------------------------------------|----------------------------|

|   |                                     |                            |
|---|-------------------------------------|----------------------------|
| 17. Transporter 1 Acknowledgement of Receipt of Materials |                                     |                            |
| Printed/Typed Name<br>William Jackson                     | Signature<br><i>William Jackson</i> | Month Day Year<br>03 28 97 |

|   |           |                |
|---|-----------|----------------|
| 18. Transporter 2 Acknowledgement of Receipt of Materials |           |                |
| Printed/Typed Name  | Signature | Month Day Year |

Discrepancy Indication Space

a. \_\_\_\_\_ lbs. c. \_\_\_\_\_ lbs.

b. \_\_\_\_\_ lbs. d. \_\_\_\_\_ lbs.

|  |           |                |
|--|-----------|----------------|
| 20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. |           |                |
| Printed/Typed Name   | Signature | Month Day Year |

GENERATOR

TRANSPORTER

FACILITY



# South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No 2050-0039 Expires 9-30-91

|   |   |                               |                |   |
|---|---|-------------------------------|----------------|---|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b> | 1. Generator's U.S. EPA ID No<br>SC0017002250015760 | Manifest Document No<br>15760 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is by State law |
|---|---|-------------------------------|----------------|---|

|   |                                       |   |  |
|---|---------------------------------------|---|--|
| 3. Generator's Name and Mailing Address<br>SOUTHIVNAVFACECOM, Caretaker Site Office, PO Box 190010, S. Charleston, SC 29419-9010                        |                                       | A. State Manifest Document Number       |  |
| 4. Generator's Phone (803) 734-0085   |                                       | B. State Generator's ID                 |  |
| 5. Transporter 1 Company Name<br>LORD & BURNHAM, INC.   | 6. U.S. EPA ID Number<br>SC0008771011 | C. State Transporter's ID               |  |
| 7. Transporter 2 Company Name   |                                       | D. Transporter's Phone 803-452-6060     |  |
| 9. Designated Facility Name and Site Address<br>Lardlaw Environmental Services of South Carolina, Inc.<br>Rt. Box 255<br>Pinewood, South Carolina 29125 |                                       | 10. U.S. EPA ID Number<br>SC00070575935 |  |
|   |                                       | E. State Transporter's ID               |  |
|   |                                       | F. Transporter's Phone                  |  |
|   |                                       | G. State Facility's ID                  |  |
|   |                                       | H. Facility's Phone (803) 452-5003      |  |

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | 13. Total Quantity | 14. Unit Wt/Vol | 15. Waste Number |
|--|--------------------|--------------------|-----------------|------------------|
| a. 30, Hazardous Waste Solid, N.O.S., P, NA3077, Hex III Chromium, lead                | 0                  | 0                  |                 | FD-0007<br>0008  |
| b.   |                    |                    |                 |                  |
| c.   |                    |                    |                 |                  |
| t.   |                    |                    |                 |                  |

|  |   |
|--|---|
| J. Additional Descriptions for Materials Listed Above<br>a. <u>100 lbs</u> b. <u>100 lbs</u> c. <u>100 lbs</u> d. <u>100 lbs</u> | K. Handling Codes for Wastes Listed Above |
|--|---|

|   |  |
|---|--|
| 15 Special Handling Instructions and Additional Information<br>Additional EPA Waste Codes (a., b., c., d., e., f., g., h., i., j., k., l., m., n., o., p., q., r., s., t., u., v., w., x., y., z.)<br>W0# _____<br>24 hour emergency contact: Rick Nielson or Gary Crawford<br>803-734-0085 | Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden to Chief Information Policy Branch PM-223 U.S. Environmental Protection Agency, 401 M St. S.W. Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503 |
|---|--|

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

|  |                                   |                            |
|--|-----------------------------------|----------------------------|
| Printed/Typed Name<br>GARY L. CRAWFORD | Signature<br><i>Gary Crawford</i> | Month Day Year<br>03 25 97 |
|--|-----------------------------------|----------------------------|

|  |                                     |                            |
|--|-------------------------------------|----------------------------|
| 17 Transporter 1 Acknowledgement of Receipt of Materials |                                     |                            |
| Printed/Typed Name<br>William Jackson                    | Signature<br><i>William Jackson</i> | Month Day Year<br>03 25 97 |

|  |           |                |
|--|-----------|----------------|
| 18 Transporter 2 Acknowledgement of Receipt of Materials |           |                |
| Printed/Typed Name                                       | Signature | Month Day Year |

Discrepancy Indication Space

a. \_\_\_\_\_ lbs c. \_\_\_\_\_ lbs.  
b. \_\_\_\_\_ lbs d. \_\_\_\_\_ lbs.

|   |           |                |
|---|-----------|----------------|
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 |           |                |
| Printed/Typed Name  | Signature | Month Day Year |

GENERATOR  
TRANSPORTER  
FACILITY





# South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

*DET SER 7083 HH02*

|   |   |                                  |                |  |
|---|---|----------------------------------|----------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b> | 1. Generator's U.S. EPA ID No.<br>S C 0 1 7 0 0 2 2 5 6 0 | Manifest Document No.<br>3 1 5 3 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is by State law. |
|---|---|----------------------------------|----------------|--|

|   |                                   |
|---|-----------------------------------|
| 3. Generator's Name and Mailing Address<br><b>SOUTH DIVNAV FACENCOM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010</b> | A. State Manifest Document Number |
|---|-----------------------------------|

|                                     |                         |
|-------------------------------------|-------------------------|
| 4. Generator's Phone (803) 743-9985 | B. State Generator's ID |
|-------------------------------------|-------------------------|

|  |  |                           |
|--|--|---------------------------|
| 5. Transporter 1 Company Name<br><b>Laidlaw Environmental Services(TG), Inc.</b> | 6. U.S. EPA ID Number<br>S C D 9 8 7 5 7 4 6 4 7 | C. State Transporter's ID |
|--|--|---------------------------|

|                               |                       |                        |
|-------------------------------|-----------------------|------------------------|
| 7. Transporter 2 Company Name | 8. U.S. EPA ID Number | D. Transporter's Phone |
|-------------------------------|-----------------------|------------------------|

|   |   |                      |
|---|---|----------------------|
| 9. Designated Facility Name and Site Address<br><b>Laidlaw Environmental Services of South Carolina, Inc. Rt 1 Box 255 Pinewood, South Carolina 29125</b> | 10. U.S. EPA ID Number<br>S C D 0 7 0 3 7 5 9 8 5 | E. State Facility ID |
|---|---|----------------------|

|  |                         |                    |                 |                  |
|--|-------------------------|--------------------|-----------------|------------------|
| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt/Vol | 15. Waste Number |
|--|-------------------------|--------------------|-----------------|------------------|

|   |           |       |                    |
|---|-----------|-------|--------------------|
| a. <b>RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)</b> | 0 0 1 C M | 2 0 Y | D 0 0 7<br>D 0 0 8 |
|---|-----------|-------|--------------------|

|    |  |  |  |
|----|--|--|--|
| b. |  |  |  |
|----|--|--|--|

|    |  |  |  |
|----|--|--|--|
| c. |  |  |  |
|----|--|--|--|

|    |  |  |  |
|----|--|--|--|
| d. |  |  |  |
|----|--|--|--|

|   |  |
|---|--|
| J. Additional Descriptions for Materials Listed Above | K. Handling Codes for Materials Listed Above |
|---|--|

|   |  |
|---|--|
| 15. Special Handling Instructions and Additional Information<br>Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011<br>WO# <u>89363</u> | Public reporting burden for this collection of information is estimated to average: 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503. |
|---|--|

|  |
|--|
| 24 hour emergency contact: <b>Rick Nielson or Gary Crawford (803) 743-9985</b> |
|--|

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

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|   |  |                                   |
|---|--|-----------------------------------|
| Printed/Typed Name<br><b>RICHARD G. NIELSON</b> | Signature<br><i>Richard G. Nielson</i> | Month Day Year<br><b>03 24 97</b> |
|---|--|-----------------------------------|

|   |  |                                   |                                   |
|---|--|-----------------------------------|-----------------------------------|
| 17. Transporter 1 Acknowledgement of Receipt of Materials | Printed/Typed Name<br><b>Lennon Glover</b> | Signature<br><i>Lennon Glover</i> | Month Day Year<br><b>03 24 97</b> |
|---|--|-----------------------------------|-----------------------------------|

|   |                    |           |                |
|---|--------------------|-----------|----------------|
| 18. Transporter 2 Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Month Day Year |
|---|--------------------|-----------|----------------|

Discrepancy Indication Space

a. \_\_\_\_\_ lbs. c. \_\_\_\_\_ lbs.

b. \_\_\_\_\_ lbs. d. \_\_\_\_\_ lbs.

|  |                    |           |                |
|--|--------------------|-----------|----------------|
| 20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. | Printed/Typed Name | Signature | Month Day Year |
|--|--------------------|-----------|----------------|

GENERATOR

TRANSPORTER

FACILITY



# South Carolina Department of Health and Environmental Control

DET # 7083 HH01

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter) Form Approved OMB No. 2050-0039 Expires 9-30-91

## UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. SC 0170022560 / Manifest Document No. 13150

2. Page 1 of 1 Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address  
SOUTHDI VNAVFACENCOM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010

A. State Manifest Document Number  
B. State Generator's ID

4. Generator's Phone (803) 743-9985  
5. Transporter 1 Company Name Laidlaw Environmental Services(TG), Inc.  
6. U.S. EPA ID Number SC D 9 8 7 5 7 4 6 4 7

C. State Transporter's ID  
D. Transporter's Phone (803) 734-0000

7. Transporter 2 Company Name  
8. U.S. EPA ID Number

E. State Transporter's ID  
F. Transporter's Phone

9. Designated Facility Name and Site Address Laidlaw Environmental Services of South Carolina, Inc. Rt 1 Box 255 Pinewood, South Carolina 29125  
10. U.S. EPA ID Number SC D 0 7 0 3 7 5 9 8 5

G. State Facility's ID  
H. Facility's Phone (803) 452-5000

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt/Vol | Waste Number       |
|--|-------------------------|--------------------|-----------------|--------------------|
| a. RO, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)               | 0 0 1 C M               | 2 0 Y              |                 | D 0 0 7<br>D 0 0 8 |
| b.   |                         |                    |                 |                    |
| c.   |                         |                    |                 |                    |

J. Additional Descriptions for Manifests Listed Above  
a. P W - 0 1 3 4 3 - 1 1 0 1  
b. - - - - -  
c. - - - - -  
d. - - - - -

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011  
WO# 216532  
24 hour emergency contact: Rick Nielson or Gary Crawford (803) 743-9985

Public reporting burden for this collection of information is estimated to average: 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

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Printed/Typed Name RICHARD G. NIELSON Signature Richard G. Nielson Month Day Year 0 3 2 4 9 7

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name Lennan Glover Signature Lennan Glover Month Day Year 0 3 2 4 9 7

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name Signature Month Day Year

Discrepancy Indication Space  
a. lbs. c. lbs.  
b. lbs. d. lbs.

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name Signature Month Day Year

GENERATOR

TRANSPORTER

RECEIVER



# South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

DET SER # 7079HH01

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

## NIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No.  
S C 0 1 7 0 0 2 2 5 6 0

Manifest Document No.  
13748

2. Page 1 of 1  
Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address

SOUTH DIVNAFACENGCOM, Caretaker Site Office, PO Box  
190010, N. Charleston, SC 29419-9010

4. Generator's Phone ( 803 ) 743-9985

5. Transporter 1 Company Name  
Laidlaw Environmental Services(TG), Inc.

6. U.S. EPA ID Number  
S C D 9 8 7 5 7 4 6 4 7

7. Transporter 2 Company Name

8. U.S. EPA ID Number

9. Designated Facility Name and Site Address

Laidlaw Environmental Services of South Carolina, Inc.  
Rt 1 Box 255  
Pinewood, South Carolina 29125

10. U.S. EPA ID Number  
S C D 0 7 0 3 7 5 9 8 5

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077,  
PG III (chromium, lead)

12. Containers No. Type

0 0 1 C M

13. Total Quantity

2 0 Y

14. Unit Wt/Vol

Waste Number  
D 0 0 7  
D 0 0 8

J. Additional Descriptions for Materials Listed Above

a. P W - 0 1 3 4 3 - 1 1 0 1

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011  
WO# 215596  
24 hour emergency contact: Rick Nielson or Gary Crawford  
(803) 743-9985

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

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Printed/Typed Name

RICHARD G. NIELSON

Signature

*Richard G. Nielson*

Month Day Year  
03 20 97

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Roy T. Varner

Signature

*Roy T. Varner*

Month Day Year  
03 20 97

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

Discrepancy Indication Space

a. \_\_\_\_\_ lbs. c. \_\_\_\_\_ lbs.  
b. \_\_\_\_\_ lbs. d. \_\_\_\_\_ lbs.

20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER

FACILITY



# South Carolina Department of Health and Environmental Control

## DET SER # 7078 HHO1

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

### ORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. SC0170022560 Manifest Document No. 3147

2. Page 1 of 1 Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address  
**SOUTH DIVNAV FACENCOM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010**

4. Generator's Phone ( 803 ) **743-9985**

5. Transporter 1 Company Name **Laidlaw Environmental Services (IG), Inc.** 6. U.S. EPA ID Number **SCD987574647**

7. Transporter 2 Company Name 8. U.S. EPA ID Number

9. Designated Facility Name and Site Address **Laidlaw Environmental Services of South Carolina, Inc. Rt 1 Box 255 Pinewood, South Carolina 29125** 10. U.S. EPA ID Number **SCD070375985**

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit WWT/Vol |
|--|-------------------------|--------------------|------------------|
| a. <b>RO, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)</b>        | <b>0 0 1 C M</b>        | <b>2 0 Y</b>       | <b>D 0 0 8</b>   |
| b.   |                         |                    |                  |
| c.   |                         |                    |                  |

a. PW-01343-1101 c. \_\_\_\_\_  
b. \_\_\_\_\_ d. \_\_\_\_\_

15. Special Handling Instructions and Additional Information  
Additional EPA Waste Codes Ia. - **D004, D005, D006, D010, D011**  
**W01 215595**  
24 hour emergency contact: **Rick Nielson or Gary Crawford (803) 743-9985**

Public reporting burden for this collection of information is estimated to average: 37 minutes for generators; 15 minutes for transporters; and 10 minutes for treatment, storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.  
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: **RICHARD G. NIELSON** Signature: *Richard G. Nielson* Month: **03** Day: **19** Year: **97**

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name: **William C Summers** Signature: *William C Summers* Month: **03** Day: **19** Year: **97**

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Month: \_\_\_\_\_ Day: \_\_\_\_\_ Year: \_\_\_\_\_

Discrepancy Indication Space  
a. \_\_\_\_\_ lbs. c. \_\_\_\_\_ lbs.  
b. \_\_\_\_\_ lbs. d. \_\_\_\_\_ lbs.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Month: \_\_\_\_\_ Day: \_\_\_\_\_ Year: \_\_\_\_\_



# South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

DET SER # 7077HH02

## UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No.  
S C 0 1 7 0 0 2 2 5 6 0 / 1 3 7 4 6

2. Page 1 of 1 Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address  
SOUTH DIV NAV FAC ENG COM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010

4. Generator's Phone ( 803 ) 743-9985

5. Transporter 1 Company Name  
Laidlaw Environmental Services(TG), Inc.

6. U.S. EPA ID Number  
S C D 9 8 7 5 7 4 6 4 7

7. Transporter 2 Company Name

8. U.S. EPA ID Number

9. Designated Facility Name and Site Address  
Laidlaw Environmental Services of South Carolina, Inc.  
Rt 1 Box 255  
Pinewood, South Carolina 29125

10. U.S. EPA ID Number  
S C D 0 7 0 3 7 5 9 8 5

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  
a. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)

12. Containers No. Type  
0 0 1 C M

13. Total Quantity  
2 0 Y

14. Unit W/Vol  
D 0 0 7  
D 0 0 8

J. Additional Descriptions for Materials Listed Above  
a. P W - 0 1 3 4 3 - 1 1 0 1  
b.   
c.   
d.

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011  
WO# 215586  
24 hour emergency contact: Rick Nielson or Gary Crawford (803) 743-9985

Public reporting burden for this collection of information is estimated to average: 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

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Printed/Typed Name  
GARY L CRAWFORD

Signature  
Month Day Year  
03 19 97

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name  
William C Summers

Signature  
Month Day Year  
03 19 97

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name

Signature  
Month Day Year

Discrepancy Indication Space  
a. lbs. c. lbs.  
b. lbs. d. lbs.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name

Signature  
Month Day Year

GENERATOR

TRANSPORTER

FACILITY



# South Carolina Department of Health and Environmental Control

DET SER# 7077HH01

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

**UNIFORM HAZARDOUS WASTE MANIFEST** 1. Generator's U.S. EPA ID No. SC0170022560 / Manifest Document No. 13145 2. Page 1 of 1 Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address  
**SOUTH DIVNAV FACENGGCOM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010**

4. Generator's Phone (803) 743-9985

5. Transporter 1 Company Name  
**Laidlaw Environmental Services(TG), Inc.** 6. U.S. EPA ID Number  
**SCD987574647**

7. Transporter 2 Company Name 8. U.S. EPA ID Number

9. Designated Facility Name and Site Address  
**Laidlaw Environmental Services of South Carolina, Inc. Rt 1 Box 255 Pinewood, South Carolina 29125** 10. U.S. EPA ID Number  
**SCD070375985**

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt/Vol | 15. Waste Number           |
|--|-------------------------|--------------------|-----------------|----------------------------|
| a. <b>RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)</b>        | <b>0 0 1 C M</b>        | <b>2 0 Y</b>       |                 | <b>D 0 0 7<br/>D 0 0 8</b> |
| b.   |                         |                    |                 |                            |
| c.   |                         |                    |                 |                            |

J. Additional Descriptions for Materials Listed Above: a. PW-01343-1101 c. b. d.

15. Special Handling Instructions and Additional Information  
**Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011**  
**WO# 89277 215585**  
**24 hour emergency contact: Rick Nielson or Gary Crawford (803) 743-9985**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

Printed/Typed Name **RICHARD B. NIELSON** Signature *[Signature]* Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name **Raymond Smith** Signature *[Signature]* Month Day Year **03/18/97**

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name Signature Month Day Year

J. Discrepancy Indication Space  
a. lbs. c. lbs.  
b. lbs. d. lbs.

20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name Signature Month Day Year

GENERATOR TRANSPORTER FACILITY



# South Carolina Department of Health and Environmental Control

DET SER # 1076HH02

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

## UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. 1004100510001001  
Manifest Document No. 13174

2. Page 1 of 1 Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address  
SOUTH CAROLINA WASTE Mgmt., Caretaker Site Office, PO Box  
190619, W. Charleston, SC 29419-0019

A. State Manifest Document Number  
B. State Generator's ID

4. Generator's Phone (803) 733-9085

5. Transporter 1 Company Name  
SOUTH CAROLINA WASTE Mgmt., Inc. 6. U.S. EPA ID Number

C. State Transporter's ID  
D. Transporter's Phone  
E. State Transporter's ID  
F. Transporter's Phone

7. Transporter 2 Company Name 8. U.S. EPA ID Number  
9. Designated Facility Name and Site Address  
SOUTH CAROLINA ENVIRONMENTAL SERVICES OF SOUTH CAROLINA, Inc.  
PO Box 255  
Bluffwood, South Carolina 29125 10. U.S. EPA ID Number

G. State Facility's ID  
H. Facility's Phone

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt/Vol | 15. Waste Number |
|--|-------------------------|--------------------|-----------------|------------------|
| a. 100, Hazardous Waste Solid, N.O.S., 9, NA9071, 197 III - Chromium Lead              | 1 1 M                   | 2.7 T              |                 | 10071<br>197 III |
| b.   |                         |                    |                 |                  |
| c.   |                         |                    |                 |                  |

J. Additional Descriptions for Materials Listed Above  
a. \_\_\_\_\_ c. \_\_\_\_\_  
b. \_\_\_\_\_ d. \_\_\_\_\_

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
Additional EPA Waste Codes: 1004, 1005, 1000, 1001  
215584  
24 hour emergency contact: Rick Nielson of Gary Crawford  
(803) 733-9085

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.  
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: RICK NIELSON Signature: [Signature] Month: 03 Day: 18 Year: 97

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name: [Name] Signature: [Signature] Month: 03 Day: 18 Year: 97

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name: [Name] Signature: [Signature] Month: [ ] Day: [ ] Year: [ ]

9. Discrepancy Indication Space  
a. \_\_\_\_\_ lbs. c. \_\_\_\_\_ lbs.  
b. \_\_\_\_\_ lbs. d. \_\_\_\_\_ lbs.

20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name: [Name] Signature: [Signature] Month: [ ] Day: [ ] Year: [ ]

GENERATOR

TRANSPORTER

FACILITY





# South Carolina Department of Health and Environmental Control

LETSER# 7072 HHOZ

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

|   |   |                       |                |  |
|---|---|-----------------------|----------------|--|
| <b>JNIFORM HAZARDOUS WASTE MANIFEST</b> | 1. Generator's U.S. EPA ID No.<br>S C 0 1 7 0 0 2 2 5 6 0 / 5 1 4 2 | Manifest Document No. | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is by State law. |
|---|---|-----------------------|----------------|--|

|  |  |   |  |
|--|--|---|--|
| 3. Generator's Name and Mailing Address<br>SOUTH DIVNAV FACENCOM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010                     |  | A. State Manifest Document Number                 |  |
| 4. Generator's Phone ( 803 ) 743-9985  |  | B. State Generator's ID                           |  |
| 5. Transporter 1 Company Name<br>Laidlaw Environmental Services(TG), Inc.  | 6. U.S. EPA ID Number<br>S C D 9 8 7 5 7 4 6 4 7 | C. State Transporter's ID                         | D. Transporter's Phone<br>803-452-6060 |
| 7. Transporter 2 Company Name  | 8. U.S. EPA ID Number                            | E. State Transporter's ID                         | F. Transporter's Phone                 |
| 9. Designated Facility Name and Site Address<br>Laidlaw Environmental Services of South Carolina, Inc.<br>Rt 1 Box 255<br>Pinewood, South Carolina 29125 |  | 10. U.S. EPA ID Number<br>S C D 0 7 0 3 7 5 9 8 5 | G. State Facility's ID                 |
|  |  | H. Facility's Phone<br>(803) 452-5063             |  |

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt/Vol | 15. Waste Number   |
|--|-------------------------|--------------------|-----------------|--------------------|
| a. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)               | 0 0 1 C M               | 2 0 Y              |                 | D 0 0 7<br>D 0 0 8 |
| b.   |                         |                    |                 |                    |
| c.   |                         |                    |                 |                    |
| t.   |                         |                    |                 |                    |

|   |   |
|---|---|
| J. Additional Descriptions for Materials Listed Above | K. Handling Codes for Wastes Listed Above |
| a. P W - 0 1 3 4 3 - 1 1 0 1                          |   |
| b.  |   |
| c.  |   |
| d.  |   |

|   |  |
|---|--|
| 15. Special Handling Instructions and Additional Information<br>Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011<br>WO# 215582<br>24 hour emergency contact: Rick Nielson or Gary Crawford<br>(803) 743-9985 | Public reporting burden for this collection of information is estimated to average .37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M St. S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503. |
|---|--|

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

|  |  |                            |
|--|--|----------------------------|
| Printed/Typed Name<br>RICHARD G. NIELSON | Signature<br><i>Richard G. Nielson</i> | Month Day Year<br>03 17 97 |
|--|--|----------------------------|

|   |   |                                       |                            |
|---|---|---------------------------------------|----------------------------|
| 17. Transporter 1 Acknowledgement of Receipt of Materials | Printed/Typed Name<br>WILBER WASHINGTON | Signature<br><i>Wilber Washington</i> | Month Day Year<br>03 17 97 |
|---|---|---------------------------------------|----------------------------|

|   |                    |           |                |
|---|--------------------|-----------|----------------|
| 18. Transporter 2 Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Month Day Year |
|---|--------------------|-----------|----------------|

3. Discrepancy Indication Space

a. \_\_\_\_\_ lbs. c. \_\_\_\_\_ lbs.  
b. \_\_\_\_\_ lbs. d. \_\_\_\_\_ lbs.

|  |                    |           |                |
|--|--------------------|-----------|----------------|
| 20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. | Printed/Typed Name | Signature | Month Day Year |
|--|--------------------|-----------|----------------|

GENERATOR  
TRANSPORTER  
FACILITY



# South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

DET SER # 7072 HH01

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

|   |   |                                  |                |  |
|---|---|----------------------------------|----------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b> | 1. Generator's U.S. EPA ID No.<br>S C 0 1 7 0 0 2 2 5 6 0 | Manifest Document No.<br>3 1 4 1 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is by State law. |
|---|---|----------------------------------|----------------|--|

|  |   |                             |                 |  |
|--|---|-----------------------------|-----------------|--|
| 3. Generator's Name and Mailing Address<br>SOUTH DIV NAV FAC ENG COM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010                           | A. State Manifest Document Number                 |                             |                 |  |
| 4. Generator's Phone ( 803 ) 743-9985  | B. State Generator's ID                           |                             |                 |  |
| 5. Transporter 1 Company Name<br>Laidlaw Environmental Services (TG), Inc.   | 6. U.S. EPA ID Number<br>S C D 9 8 7 5 7 4 6 4 7  |                             |                 |  |
| 7. Transporter 2 Company Name  | 8. U.S. EPA ID Number                             |                             |                 |  |
| 9. Designated Facility Name and Site Address<br>Laidlaw Environmental Services of South Carolina, Inc.<br>Rt 1 Box 255<br>Pinewood, South Carolina 29125           | 10. U.S. EPA ID Number<br>S C D 0 7 0 3 7 5 9 8 5 |                             |                 |  |
| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)<br>a. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead) | 12. Containers No. Type<br>0 0 1 C M              | 13. Total Quantity<br>2 0 Y | 14. Unit Wt/Vol | 15. Waste Number<br>D 0 0 7<br>D 0 0 8 |

|   |  |
|---|--|
| J. Additional Descriptions for Materials Listed Above<br>a. P W 0 1 3 4 3 1 1 0 1 | K. Handling Codes for Waste Listed Above |
|---|--|

|   |  |
|---|--|
| 15. Special Handling Instructions and Additional Information<br>Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011<br>WO# 89190<br>24 hour emergency contact: Rick Nielson or Gary Crawford (803) 743-9985 | Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimates, including suggestions for reducing this burden, to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503 |
|---|--|

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

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|                                       |                                   |                            |
|---------------------------------------|-----------------------------------|----------------------------|
| Printed/Typed Name<br>GARY L CRAWFORD | Signature<br><i>Gary Crawford</i> | Month Day Year<br>03 14 97 |
|---------------------------------------|-----------------------------------|----------------------------|

|  |                                   |                            |
|--|-----------------------------------|----------------------------|
| 17. Transporter 1 Acknowledgement of Receipt of Materials<br>Printed/Typed Name<br>RAYMOND SMITH | Signature<br><i>Raymond Smith</i> | Month Day Year<br>03 14 97 |
|--|-----------------------------------|----------------------------|

|   |           |                |
|---|-----------|----------------|
| 18. Transporter 2 Acknowledgement of Receipt of Materials<br>Printed/Typed Name | Signature | Month Day Year |
|---|-----------|----------------|

19. Discrepancy Indication Space

a. \_\_\_\_\_ lbs. c. \_\_\_\_\_ lbs.  
b. \_\_\_\_\_ lbs. d. \_\_\_\_\_ lbs.

|  |           |                |
|--|-----------|----------------|
| 20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.<br>Printed/Typed Name | Signature | Month Day Year |
|--|-----------|----------------|

GENERATOR FACILITY TRUCKS ONLY



# South Carolina Department of Health and Environmental Control

DET SER # 7063 HH02

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter) Form Approved OMB No. 2050-0039 Expires 9-30-91

## UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. SC0170022560 Manifest Document No. 13140

2. Page 1 of 1 Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address  
**SOUTH DIVNAV FACENG COM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010**

4. Generator's Phone ( 803 ) 743-9985

5. Transporter 1 Company Name Laidlaw Environmental Services (TG), Inc. 6. U.S. EPA ID Number SCD987574647

7. Transporter 2 Company Name 8. U.S. EPA ID Number

9. Designated Facility Name and Site Address Laidlaw Environmental Services of South Carolina, Inc. Rt 1 Box 255 Pinewood, South Carolina 29125 10. U.S. EPA ID Number SCD070375985

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt/Vol | 15. Waste Number   |
|--|-------------------------|--------------------|-----------------|--------------------|
| a. <b>RQ, Hazardous Waste Solid, N.O.S., PG III (chromium, lead)</b>                   | 0 0 1 C M               | 2 0 Y              |                 | D 0 0 7<br>D 0 0 8 |
| b.   |                         |                    |                 |                    |
| c.   |                         |                    |                 |                    |

J. Additional Descriptions for Materials Listed Above  
a. PW-01343-1101 c. \_\_\_\_\_  
b. \_\_\_\_\_ d. \_\_\_\_\_

15. Special Handling Instructions and Additional Information  
Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011  
WO# 215502  
24 hour emergency contact: Rick Nielson or Gary Crawford  
(803) 743-9985

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St. S.W., Washington, D.C. 20468, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.  
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name GARY L CRAWFORD Signature [Signature] Month 10 Day 30 Year 1997

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name Charles Ravell Signature [Signature] Month 10 Day 30 Year 1997

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name \_\_\_\_\_ Signature \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

19. Discrepancy Indication Space  
a. \_\_\_\_\_ lbs. c. \_\_\_\_\_ lbs.  
b. \_\_\_\_\_ lbs. d. \_\_\_\_\_ lbs.

20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name \_\_\_\_\_ Signature \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

GENERATOR

HAZARDOUS WASTE FACILITY

HAZARDOUS WASTE FACILITY



# South Carolina Department of Health and Environmental Control

DET SER # 7063HH01

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-5200  
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-91

|   |   |                                |                |  |
|---|---|--------------------------------|----------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b> | 1. Generator's U.S. EPA ID No.<br>S C 0 1 7 0 0 2 2 5 6 0 | Manifest Document No.<br>13739 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is by State law. |
|---|---|--------------------------------|----------------|--|

GENERATOR

|  |  |   |  |
|--|--|---|--|
| 3. Generator's Name and Mailing Address<br>SOUTH DIVNAVFACENGCOM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010                     |  | A. State Manifest Document Number                 |  |
| 4. Generator's Phone (803) 743-0085  |  | B. State Generator's ID                           |  |
| 5. Transporter 1 Company Name<br>Laidlaw Environmental Services (TGI), Inc.  | 6. U.S. EPA ID Number<br>S C D 9 8 7 5 7 4 6 1 7 | C. State Transporter's ID                         |  |
| 7. Transporter 2 Company Name  |  | D. Transporter's Phone 803-452-6060               |  |
| 9. Designated Facility Name and Site Address<br>Laidlaw Environmental Services of South Carolina, Inc.<br>Rt 1 Box 255<br>Pinewood, South Carolina 29125 |  | 10. U.S. EPA ID Number<br>S C D 0 7 0 3 7 5 9 8 5 |  |
|  |  | E. State Transporter's ID                         |  |
|  |  | F. Transporter's Phone                            |  |
|  |  | G. State Facility's ID                            |  |
|  |  | H. Facility's Phone (803) 452-5003                |  |

| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt/Vol | 15. Waste Number     |
|--|-------------------------|--------------------|-----------------|----------------------|
| a. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)               | 0 0 1 C M               | 2                  | 5               | D 0 1 0 7<br>0 0 0 3 |
| b.   |                         |                    |                 |                      |
| c.   |                         |                    |                 |                      |

|   |   |
|---|---|
| J. Additional Descriptions for Materials Listed Above<br>a. P W 0 1 3 4 3 1 1 0 1<br>b. | K. Handling Codes for Wastes Listed Above |
|---|---|

|  |   |
|--|---|
| 15. Special Handling Instructions and Additional Information<br>Additional EPA Waste Codes Ia. - D004, D005, D006, D010, D011<br>WO# 215478<br>24 hour emergency contact: Rick Nielson or Gary Crawford (803) 743-9985 | Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate including suggestions for reducing this burden to Chief Information Policy Branch PM-223 U.S. Environmental Protection Agency 401 M St SW Washington, D.C. 20460 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503. |
|--|---|

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|  |  |                            |
|--|--|----------------------------|
| Printed/Typed Name<br>RICHARD G. NIELSON | Signature<br><i>Richard G. Nielson</i> | Month Day Year<br>03 04 97 |
|--|--|----------------------------|

TRANSPORTER

|   |                                   |                            |
|---|-----------------------------------|----------------------------|
| 17. Transporter 1 Acknowledgement of Receipt of Materials |                                   |                            |
| Printed/Typed Name<br>Roy T. Varney                       | Signature<br><i>Roy T. Varney</i> | Month Day Year<br>03 04 97 |

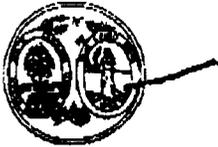
|   |           |                |
|---|-----------|----------------|
| 18. Transporter 2 Acknowledgement of Receipt of Materials |           |                |
| Printed/Typed Name  | Signature | Month Day Year |

Discrepancy Indication Space

a. \_\_\_\_\_ lbs c. \_\_\_\_\_ lbs  
b. \_\_\_\_\_ lbs d. \_\_\_\_\_ lbs

FACILITY

|   |           |                |
|---|-----------|----------------|
| 20. Facility Owner or Operator, Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 |           |                |
| Printed/Typed Name  | Signature | Month Day Year |



# South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.  
2600 Bull Street, Columbia, SC 29201  
Phone: (803) 734-6200  
Emergency & Holidays: (803)253-6486

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter) Form Approved OMB No. 2050-0039 Expires 9-30-91

## UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. **SC0170022560** Manifest Document No. **13138**

2. Page 1 of 1 Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address

**SOUTHDIYNAVFACENCOM, Caretaker Site Office, PO Box 190010, N. Charleston, SC 29419-9010**

A. State Manifest Document Number

4. Generator's Phone (803) 743-9985

B. State Generator's ID

5. Transporter 1 Company Name **Laidlaw Environmental Services(TG), Inc.**

6. U.S. EPA ID Number **SCD987574647**

C. State Transporter's ID

D. Transporter's Phone **803-452-0000**

7. Transporter 2 Company Name

8. U.S. EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address **Laidlaw Environmental Services of South Carolina, Inc. Rt 1 Box 255 Pinewood, South Carolina 29125**

10. U.S. EPA ID Number **SCD070375985**

G. State Facility's ID

H. Facility's Phone **(803) 452-5003**

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol 15. Waste Number

a. **RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PG III (chromium, lead)**

**0 0 1 C M**

**2 0 Y**

**D 0 0 7  
D 0 0 8**

J. Additional Descriptions for Materials Listed Above

a. **P W 0 1 3 4 3 1 1 0 1**

K. Handling Codes for wastes listed Above

**ON-SITE INSPECTOR  
S.C. DEPT. OF HEALTH  
& ENVIRONMENTAL CONTROL**

15. Special Handling Instructions and Additional Information

Additional EPA Waste Codes Ia. - **D004, D005, D006, D010, D011**

WO# **215072**

24 hour emergency contact: **Rick Nielson or Gary Crawford (803) 743-9985**

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for receiver storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PH-221, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503

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Printed/Typed Name **GARY L CRAWFORD** Signature *Gary Crawford* Month Day Year **02 27 97**

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name **Margaret W. Pleyer** Signature *Margaret W. Pleyer* Month Day Year **02 27 97**

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name \_\_\_\_\_ Signature \_\_\_\_\_ Month Day Year \_\_\_\_\_

19. Discrepancy Indication Space  
a. **8520** lbs c. \_\_\_\_\_ lbs  
b. \_\_\_\_\_ lbs d. \_\_\_\_\_ lbs

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name **M. Rose** Signature *M. Rose* Month Day Year **02 28 97**

GENERATOR

TRANSPORTER

UP

**APPENDIX D**

**PHOTOGRAPHS**



Building 44 Annex (left of center)



Asbestos roof removal



Lower Annex Demolition



Upper Annex Demolition



Slab Removal (Note yellow discoloration of Chromium)



Covered Site After Demolition