

CONESTOGA-ROVERS & ASSOCIATES
2055 Niagara Falls Boulevard, Suite Three
Niagara Falls, New York 14304
(716) 297-6150 Fax: (716) 297-2265

March 4, 1996

Reference No. 5927

FOIL

Releasable

Non-Releasable

RECEIVED

MAR 14 1996

Mr. Robert Johnson
VIBRATECH, INC.
11980 Walden Avenue
Alden, NY 14004

Dear Mr. Johnson:

Re: Soil Remediation Construction Summary
Vibrattech Facility - East Delavan Avenue
Buffalo, New York
NYSDEC Site #915165

Remediation work began in October 1995 to treat volatile organic chemical (VOC) contaminated soil along the railroad spur at the Vibrattech, Inc. (Vibrattech) Facility (Site) at 537 East Delavan Avenue in Buffalo, New York (Figure 1). The remedial work to date has been performed in accordance with the Soil Vapor Extraction (SVE) Work Plan prepared for Vibrattech by Conestoga-Rovers & Associates (CRA) dated May 1995.

H.F. Darling (Darling) was contracted to excavate the contaminated soils and construct the SVE piles as directed by CRA. New York State Department of Environmental Conservation (NYSDEC) representative Maurice Moore conducted regular site visits during the remedial activities.

EXCAVATION OF VOC-CONTAMINATED SOIL

Prior to excavating the VOC-contaminated soil, an area approximately 100 ft. x 150 ft. was prepared for the building of the soil treatment piles as shown on Figure 2. The area was visually inspected and all surface debris and objects were removed. Ground sheets, approximately 20 ft. x 100 ft., consisting of 10 mil. and 6 mil. pieces of polyethylene, were placed on top of one another on the asphalt for construction of the soil piles.

Prior to commencing with the soil excavation in the area of concern, the pre-existing clean gravel cover was cleared to expose the railroad spur. All rails, tie plates, and spikes were removed from approximately 250 feet of the railroad spur, scraped clean as needed, and transported off-Site for recycling. Railroad ties were cut

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in half and placed into rollofs which were transported to Browning-Ferris Industries (BFI) for incineration.

Approximately 640 cubic yards of contaminated soil were excavated from the Area of Concern for SVE treatment. An additional 10 to 20 cubic yards was removed from the immediate vicinity of BH2-95 and added to one of the ex situ soil treatment piles. During excavation, the soils were screened for organic vapors using a photoionization detector (PID) by TreaTek-CRA. The excavation was completed to bedrock in the area of concern and to a depth of three feet below ground surface (BGS) around BH2-95.

Excavation of the VOC-contaminated soil was performed using a trackhoe and backhoe. Excavation began at the north end of the excavation area and proceeded south to minimize tracking of contaminated material.

Monitoring for VOCs was performed by CRA at the Site perimeter and downwind of the excavation as required by the Health and Safety Plan (HASP).

At the completion of the excavation process, the excavation was barricaded with temporary fencing and posted with appropriate warning signs. The excavation will remain open for the duration of soil treatment.

SOIL PILE CONSTRUCTION

Four soil vapor extraction (SVE) soil piles of approximately 139 cubic yards (c.y.) each, and one of approximately 83 c.y., were constructed to the approximate dimensions shown on Figure 2. As stated, the piles were placed on an underliner and covered with a 10 mil polyethylene cover. The cover, along with a temporary berm constructed from crushed stone around the perimeter of each pile, prevents water infiltration, erosion of the piles, and potential leaching from the piles.

Two 2-inch diameter corrugated, perforated high density polyethylene (HDPE) pipes were installed within each pile as the pile was created. The pipes extend the full length of the piles to within 1 to 2.5 feet of the sides of the piles. Valving is arranged to allow flexible operation of the SVE system whereby the two pipes may be operated in any combination of air extraction and passive injection in order to maximize the rate of contaminant removal from the pile. During placement of the soil in the

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piles, care was taken not to penetrate the liner. All piping, valves, and SVE equipment was supplied by CRA.

DECONTAMINATION

A temporary decontamination pad was constructed of a polyethylene ground sheet. A "cow tub" was used to contain the decontamination fluid. The collected decontamination water was transferred into drums for disposal by Environmental Services, Inc.

At the completion of the excavation activities, the trackhoe and backhoe buckets and any other equipment used to excavate or transport contaminated soil was decontaminated prior to leaving the Site. Decontamination for large equipment consisted of:

- i) removing as much loose soil as possible using a shovel;
- ii) using a scrub brush and 5-gallon pail of water, scrubbing soiled areas on backhoe;
- iii) rinsing equipment using potable water; and
- iv) containing all decontamination water for disposal by Environmental Services, Inc.

SAMPLING

At the completion of the excavation activities, CRA collected confirmatory soil samples at the locations shown on Figure 3. The sample collected from the sewer catchbasin (sample I.D. #S-102795-BTF-007) exhibited high levels of VOCs. A remedial work plan to address these soils is being developed at this time and will be submitted for approval to the NYSDEC. The Analytical Data Quality Assessment and Validation Report is presented as Appendix A.

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SOIL DISPOSAL

While excavating soil for placement into SVE pipes, soil contamination with fuel oil #6 was encountered. This soil was inappropriate for treatment within the SVE piles and was therefore disposed of through Chemical Waste Management (CWM). Eleven 20 c.y. rollofs were used to transport this soil to CWM's Model City Landfill Facility. Copies of the waste profile sheet, confirmation letter, manifests, and certificates of disposal for disposal of fuel oil contaminated soils are included as Appendix B.

SVE SYSTEM MONITORING

The SVE system/equipment was started on November 6, 1995, and monitored on a daily basis for the first week and weekly thereafter. The system was shut down on December 22, 1995 for the winter. The system will be restarted when weather permits.

Table C-1 (Appendix C) presents the SVE system monitoring results to date. These results show that the SVE treatment was progressing as expected.

Appendix D contains photocopies of the field notes generated to date.

Should you have any questions regarding this information, please do not hesitate to contact us.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

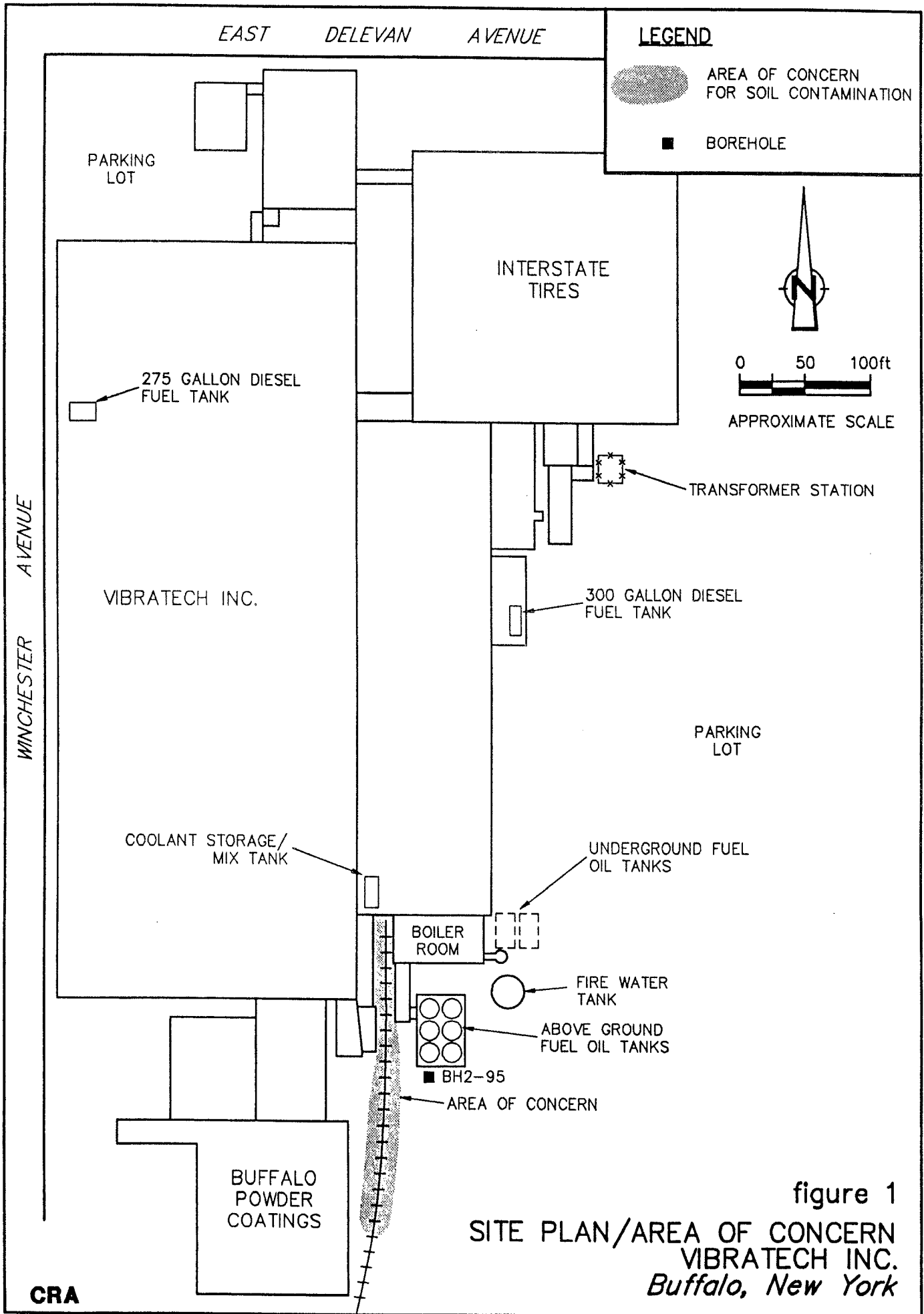
Kelly R. McIntosh, P.E., P.HGW.

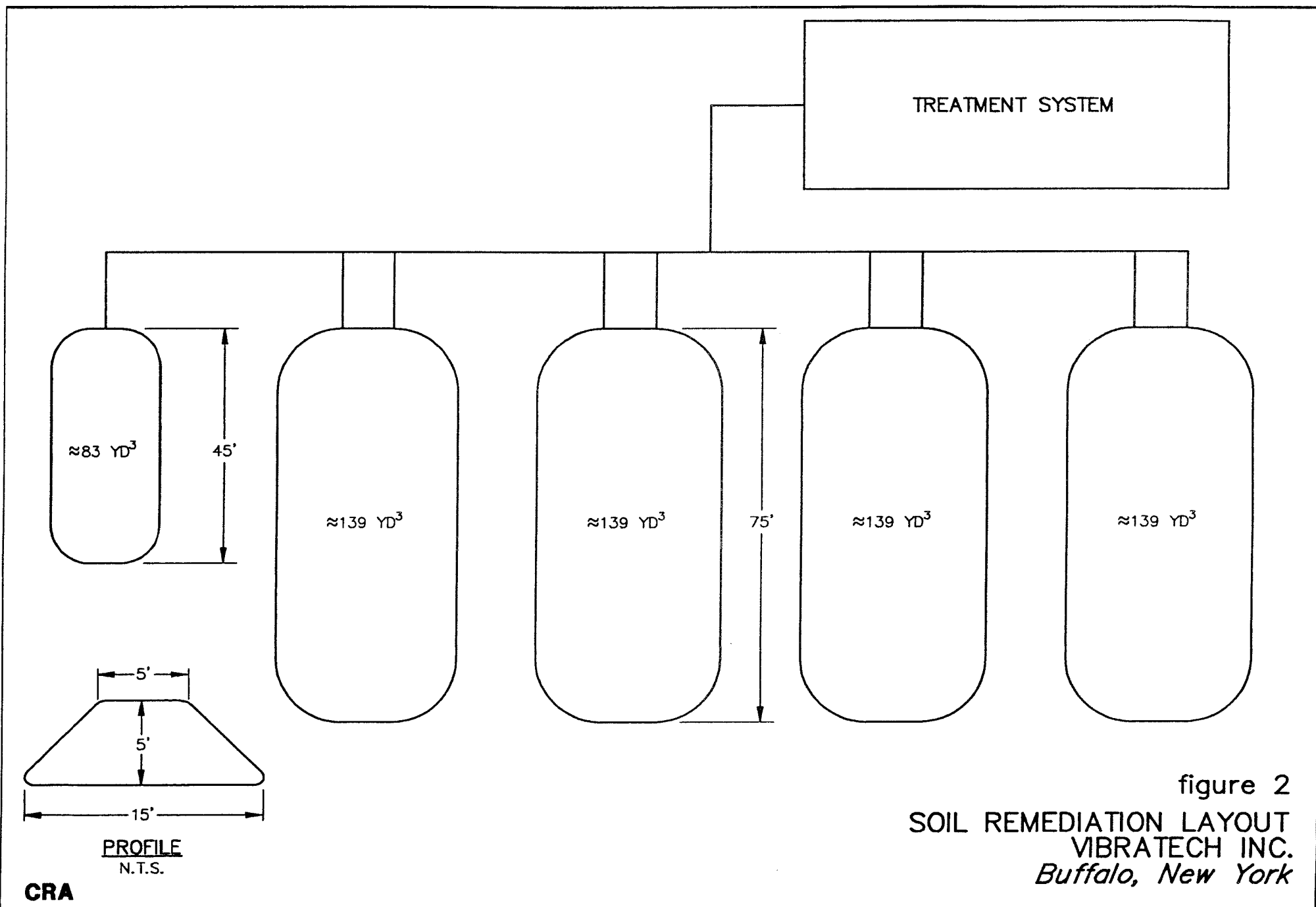
KRM/dh/js/6

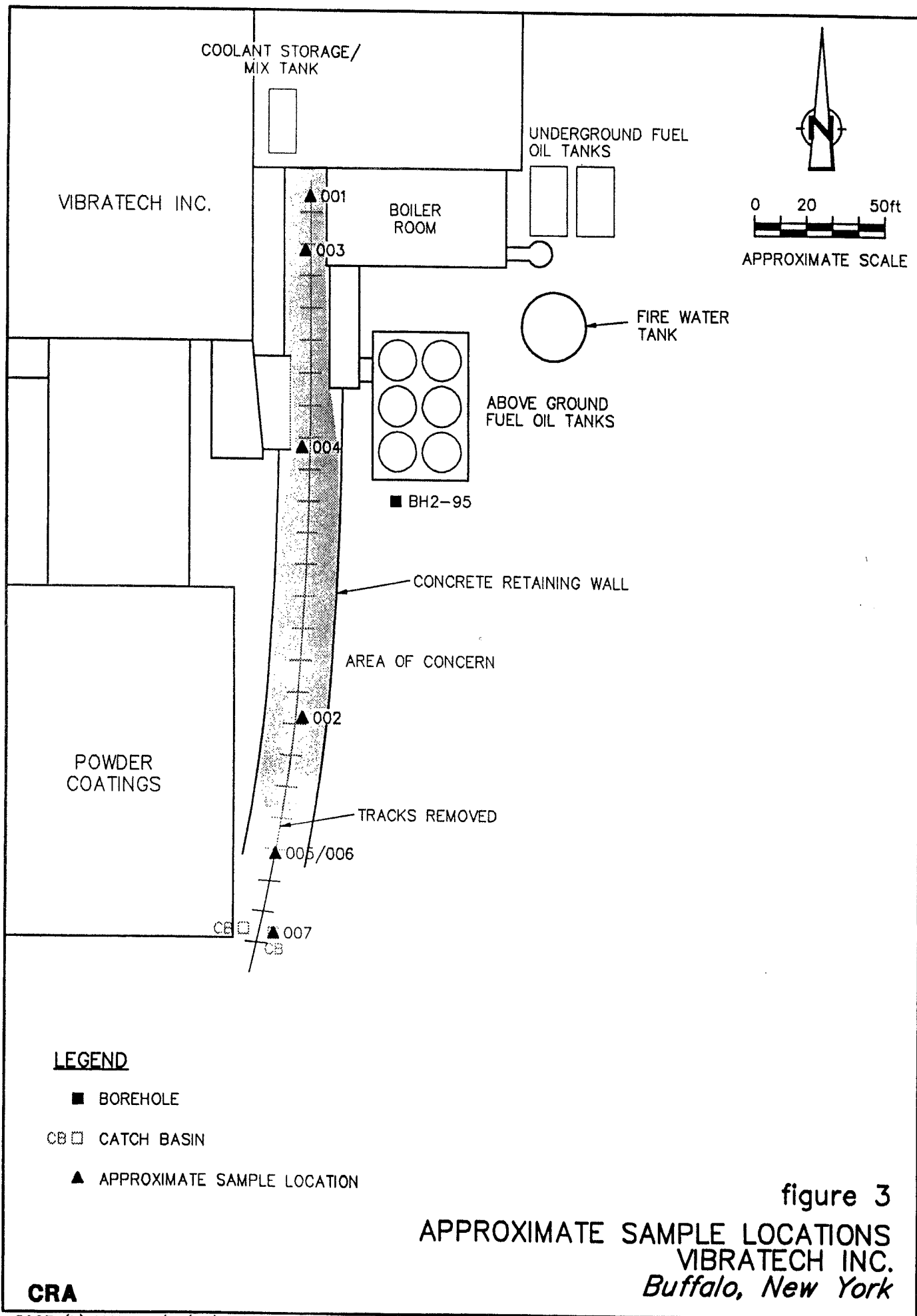
Encl.

c.c. R. Kennedy, Esq., HRAWG
M. Moore, NYSDEC
B. Foulke, CRA

FIGURES







APPENDIX A

APPENDIX A
ANALYTICAL DATA QUALITY ASSESSMENT AND VALIDATION
CONFIRMATORY SAMPLING
VIBRATECH SITE, BUFFALO, NEW YORK
OCTOBER 1995

The following details an assessment and validation of analytical results reported by Advanced Environmental Services, Inc. (AES) for environmental samples collected in October 1995 from the Vibrattech Site (Site). The samples collected were submitted for Target Compound List (TCL) volatile organic compounds (VOCs) as follows:

| <i>Parameter</i> | <i>Matrix</i> | <i>Investigative Samples</i> | <i>Field Duplicates</i> | <i>MS/MSD</i> | <i>Total</i> |
|------------------|---------------|----------------------------------|-----------------------------|---------------|--------------|
| TCL VOCs | Soil | 5 | 1 | 1/1 | 8 |
| TCL VOCs | Water | 1 | 0 | 0 | 1 |

Notes:

MS/MSD - Matrix Spike/Matrix Spike Duplicate.

Samples were analyzed by Method 8240, referenced from "Test Methods for Evaluating Solid Waste", SW-846, 3rd Edition, 1986.

For sample identification and location, a sample identification key is presented in Table 1. A summary of the analytical results is presented in Table 2. Evaluation of the data was based on information obtained from finished data sheets, blank data, and recovery data from MS/MSD and surrogates. Quality Assurance/Quality Control (QA/QC) criteria by which these data have been assessed are referenced from the SW-846 method of analysis and the "National Functional Guidelines for Organic Data Review" (February 1994), both prepared by the United States Environmental Protection Agency (USEPA). The data validation reference will be referred to as the "Guidelines" hereafter.

ANALYTICAL ASSESSMENT AND VALIDATION

All samples were properly transported and stored at 4°C ($\pm 2^\circ\text{C}$). The water sample was preserved with hydrochloric acid to a pH of less than two. All analyses were performed within the SW-846 recommended holding time of 14 days.

Surrogate compounds were added to all samples, blanks, and QC samples. All recoveries were acceptable, indicating good analytical efficiency.

Laboratory method blank analyses yielded non-detect results for all compounds except acetone, which was detected at a level of 7.7 $\mu\text{g}/\text{kg}$ on November 1, 1995. All associated sample results were either greater than ten times this level or non-detect, so no qualification of the data was necessary.

MS/MSD analysis was performed on sample S-102795-BTF-005. All percent recoveries (%R) and relative percent differences (RPDs) were within the control limits, indicating that good analytical accuracy and precision were achieved.

Blank spike analyses were performed for both soil and water matrices. All percent recoveries were acceptable, indicating good analytical accuracy.

FIELD QA/OC RESULTS

One field duplicate was collected for this project, as noted in Table 1. Most data were comparable, indicating good sampling and analytical precision. Results which did indicate variability were qualified as estimated (see Table 3).

CONCLUSION

The data reported by AES are acceptable for use with the qualifications noted herein.

TABLE A-1
SAMPLE IDENTIFICATION KEY
CONFIRMATORY SAMPLING
VIBRATECH INC.
BUFFALO, NEW YORK
OCTOBER 1995

| <i>Sample Identification</i> | <i>Sample Source</i> | <i>Time</i> | <i>Date</i> | <i>Matrix</i> | <i>Analyses</i> | <i>Comments</i> |
|----------------------------------|------------------------------|-------------|-------------|---------------|-----------------|----------------------|
| W-102795-BTF-001 | Drummed H2O | 1500 | 10/27/95 | Water | TCL VOCs | |
| S-102795-BTF-003 | 30 Feet South of Building | 1510 | 10/27/95 | Soil | TCL VOCs | |
| S-102795-BTF-004 | Shot Rock Area | 1520 | 10/27/95 | Soil | TCL VOCs | |
| S-102795-BTF-005 | South End | 1525 | 10/27/95 | Soil | TCL VOCs | MS/MSD |
| S-102795-BTF-006 | South End | 1530 | 10/27/95 | Soil | TCL VOCs | Duplicate of BTF-005 |
| S-102795-BTF-007 | Sewer Catch Basin | 1535 | 10/27/95 | Soil | TCL VOCs | |
| S-103195-BTF-008 | Northeast Corner of Building | 1130 | 10/31/95 | Soil | TCL VOCs | |

Notes:

MS Matrix Spike
MSD Matrix Spike Duplicate
VOCs Volatile Organic Compounds
TCL Target Compound List

TABLE A-2
ANALYTICAL RESULTS SUMMARY
CONFIRMATORY SAMPLING
VIBRATECH INC.
BUFFALO, NEW YORK
OCTOBER 1995

| Sample ID: | W-102795-BTF-001 | S-102795-BTF-003 | S-102795-BTF-004 | S-102795-BTF-005 | S-102795-BTF-006 (Dup. of BTF-005) | S-102795-BTF-007 | S-103195-BTF-008 |
|------------------------------|--------------------|---------------------|---------------------|---------------------|---------------------------------------|---------------------|---------------------|
| Collection Date: | 10/27/95 (µg/L) | 10/27/95 (µg/kg) | 10/27/95 (µg/kg) | 10/27/95 (µg/kg) | 10/27/95 (µg/kg) | 10/27/95 (µg/kg) | 10/31/95 (µg/kg) |
| TCL Volatiles | | | | | | | |
| Chloromethane | 3.0 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 21000 U | 7.5 U |
| Bromomethane | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 28000 U | 10 U |
| Vinyl chloride | 4.0 J | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 28000 U | 10 U |
| Chloroethane | 3.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 28000 U | 10 U |
| Methylene chloride | 1.5 U | 1.0 U | 1.0 U | 2.2 J | 1.0 U | 14000 U | 5.0 U |
| Acetone | 150 | 230 | 5.0 U | 5.0 U | 5.0 U | 70000 U | 25 U |
| Carbon disulfide | 2.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 21000 U | 7.5 U |
| 1,1-Dichloroethylene | 3.0 U | 2.0 U | 2.5 J | 2.0 U | 2.0 U | 28000 U | 10 U |
| 1,1-Dichloroethane | 6.4 J | 2.0 U | 90 | 170 J | 8.4 J | 60000 J | 10 U |
| 1,2-Dichloroethylene (total) | 110 | 1.5 U | 8.0 J | 20 J | 1.5 UJ | 360000 | 330 |
| Chloroform | 4.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| 1,2-Dichloroethane | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| 2-Butanone | 17 | 15 | 18 | 53 | 48 | 70000 U | 25 U |
| 1,1,1-Trichloroethane | 12 | 1.5 U | 150 | 12 J | 1.5 UJ | 870000 | 7.5 U |
| Carbon tetrachloride | 3.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 28000 U | 10 U |
| Vinyl acetate | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| Bromodichloromethane | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| 1,2-Dichloropropane | 2.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| cis-1,3-Dichloropropene | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| Trichloroethene | 2.5 U | 1.5 U | 6.9 J | 1.5 U | 1.5 U | 5400000 | 77 |
| Benzene | 2.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| trans-1,3-Dichloropropene | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| Chlorodibromomethane | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| 1,1,2-Trichloroethane | 1.0 U | 1.0 U | 4.7 J | 2.0 J | 1.0 U | 14000 U | 5.0 U |
| Bromoform | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| 4-Methyl-2-pentanone | 14 | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 70000 U | 25 U |
| 2-Hexanone | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 70000 U | 25 U |
| Tetrachloroethene | 2.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 22000 J | 7.5 U |
| 1,1,2,2-Tetrachloroethane | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| Toluene | 2.0 U | 1.0 U | 1.0 U | 1.4 J | 1.0 U | 14000 U | 5.0 U |
| Chlorobenzene | 1.5 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| Ethyl benzene | 3.0 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 21000 U | 7.5 U |
| Styrene | 1.5 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 14000 U | 5.0 U |
| m-Xylene | 2.0 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 21000 U | 7.5 U |
| o/p-Xylene | 3.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 35000 U | 12 U |

Notes:

- U Non-detect at associated value.
- J Associated value is estimated.
- Dup. Field Duplicate
- TCL Target Compound List

TABLE A-3
 QUALIFIED SAMPLE RESULTS DUE TO VARIABILITY IN FIELD DUPLICATE DATA
 CONFIRMATORY SAMPLING
 VIBRATECH INC.
 BUFFALO, NEW YORK
 OCTOBER 1995

| <i>Parameter</i> | <i>Analyte</i> | <i>Original</i> | | <i>Duplicate</i> | | <i>RPD</i> | <i>Original Qualifier</i> | <i>Duplicate Qualifier</i> |
|------------------|-----------------------|------------------|---------------|------------------|---------------|------------|---------------------------|----------------------------|
| | | <i>Sample ID</i> | <i>Result</i> | <i>Sample ID</i> | <i>Result</i> | | | |
| TCL VOCs | 1,1-Dichloroethane | S-102795-BTF-005 | 170 | S-102795-BTF-006 | 8.4J | 181 | J | * |
| | 1,2-Dichloroethylene | S-102795-BTF-005 | 20 | S-102795-BTF-006 | 1.5U | NA | J | J |
| | 1,1,1-Trichloroethane | S-102795-BTF-005 | 12 | S-102795-BTF-006 | 1.5U | NA | J | J |

Notes:

- J Associated value is estimated.
- U Non-detect at associated value.
- * Result previously qualified as estimated.
- NA Not Applicable
- RPD Relative Percent Difference
- TCL Target Compound List
- VOCs Volatile Organic Compounds

APPENDIX B



Chemical Waste Management, Inc. BO 1085

WASTE PROFILE

Profile #

WASTE IS THE RESULT OF N.Y.S. D.E.C. CONSENT ORDER.

☐ Check here if this is a Recertification

LOCATION OF ORIGINAL _____

GENERAL INFORMATION VIBRATECH, INC. A UNIT TO BE SUPPLIED
1. GENERATOR NAME: OF IDEX CORP. Generator USEPA ID: _____
2. Generator Address: 537 E. DELAVAN AVE. Billing Address: ☒ Same CRA/TREA TEX - CRA
BUFFALO, N.Y. 14211 2055 NIAGARA FALLS BLVD
3. Technical Contact/Phone: KELLY MCINTOSH (716) 297-6150 NIAGARA FALLS, N.Y. 14304
4. Alternate Contact/Phone: FAX 716 297-2265 Billing Contact/Phone: SHEILA MERRILL 716 297-6150

PROPERTIES AND COMPOSITION

5. Process Generating Waste: EXCAVATION OF SOIL FROM SITE INVESTIGATION
6. Waste Name: SOIL FROM REMEDIATION
7A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes ☒ No ☐
B. Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U): F001

State Waste Codes: _____

8. Physical State @ 70°F: A. Solid ☒ Liquid ☐ Both ☐ B. Single Layer ☒ Multilayer ☐ C. Free liquid range -0- to _____ %
9A. pH: Range _____ to _____ or Not applicable ☒ B. Strong Odor ☐; describe NONE
10. Liquid Flash Point: < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☐ N.A. ☒ Closed Cup ☐ Open Cup ☐

11. CHEMICAL COMPOSITION: List ALL constituents (including halogenated organics) present in any concentration and forward available analysis.

| Constituents | Range | Units | Constituents | Range | Units |
|--------------------------|---------------|----------|-----------------------|-------|-------|
| <u>SOIL</u> | <u>98-100</u> | <u>%</u> | <u>SEE ATTACHED</u> | | |
| <u>PPE, RAGS, GLOVES</u> | <u>0-2</u> | <u>%</u> | <u>ANALYSIS DATED</u> | | |
| <u>FUEL OIL #6</u> | <u>0-2</u> | <u>%</u> | <u>10-20-95</u> | | |

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

12. OTHER: PCBs if yes, concentration _____ ppm, PCBs regulated by 40 CFR 761 ☐. Pyrophoric ☐ Explosive ☐ Radioactive ☐
Benzene if yes, concentration _____ ppm. Shock Sensitive ☐ Oxidizer ☐ Carcinogen ☐ Infectious ☐ Other _____

13. If the waste is subject to the land ban and meets the treatment standards, check here: _____, and supply analytical results where applicable.

SHIPPING INFORMATION

14. PACKAGING: Bulk Solid ☒ Bulk Liquid ☐ Drum ☐ Type/Size: _____ Other _____
15. ANTICIPATED ANNUAL VOLUME: 60-100 TONS Units: _____ Shipping Frequency: ONCE

SAMPLING INFORMATION

16a. Sample source (drum, lagoon, pond, tank, vat, etc.) See ANALYSIS OF RANDOM GRAB
Date Sampled: _____ Sampler's Name/Company: _____
16b. Generator's Agent Supervising Sampling: _____ 17. ☒ No sample required (See Instructions.)

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification.

Signature

Printed (or typed) name and title

Date

CONFIRMATION LETTER

ms
FILE COPY

November 2, 1995

SHEILA MERRILL
TREATEK CRA INC
2055 NIAGARA FALLS BLVD STE 3
NIAGARA FALLS, NY 14304-5702

Re: Confirmation Number 4450410

Attention: SHEILA MERRILL

We are pleased to confirm CWM's approval of your waste material as described below. The attached profile for the waste materials was prepared by CWM based upon information provided by you. It is important that no changes be made to the profile without CWM's consent. If the profile meets with your approval, please call 1-800-843-3604 to schedule shipment of your waste materials.

| | |
|---------------------------------|---|
| <u>CWM Profile Number:</u> | BO1085 MDC |
| <u>Approved Mgmt. Facility:</u> | CWM MODEL CITY FACILITY or another CWM or CWM approved facility |
| <u>Waste Name:</u> | SOIL FROM REMEDIATION |
| <u>Disposal Method:</u> | Subtitle C Landfill |
| <u>Disposal Price:</u> | - \$130.00 per ton, plus applicable taxes |
| <u>Transportation Price:</u> | - \$400.00 per truck load - \$225.00 minimum transportation fee |
| <u>Demurrage:</u> | - \$85.00 demurrage per hour after the first free hour of loading time |
| <u>Waste Approval Fees:</u> | - Paperwork Approvals (no analytical) = \$150.00 - Characterization & unknowns are priced upon request |
| <u>Pricing Conditions:</u> | - A \$225.00 washout fee will be charge for bulk liquid tanker loads, plus a minimum \$850.00 clean out charge if greater than 3 % solid or sludge residue remains in tanker after off loading. - \$200.00 minimum disposal fee per profile, per shipment (drummed wastes). |
| | NOTE: Please specify your Purchase Order Number in Section 15 of your manifest. |
| <u>Profile Expiration Date:</u> | 10/31/96 |

CWM Chemical Services, Inc.
1550 Balmer Road • P.O. Box 200 • Model City, New York • 14107 • 1-800-843-3604

November 2, 1995

Re: Confirmation Number 4450410

Special Conditions:

- Waste profile sheet numbers must appear on manifest.
- No demurrage will be paid by CWM Chemical Services, Inc., for delays at Model City for on-site acceptance procedures when generator/customer arranges their own transportation.
- Customers who require Certificates of Disposal should place the phrase "Certificate of Disposal Required" in Section 15 of the manifest.
- Special Land Disposal Notification and Certification Form must be properly executed and accompany each shipment of this waste.
- New York State Department of Environmental Conservation (NYSDEC) approved for 100 tons as an event.

Applicable state and local taxes are not included in these disposal prices. All wastes are priced as profiled, invoiced as actually received. Invoices shall be paid no later than thirty (30) days from the date of receipt. All terms are governed by the Agreement previously executed between our companies. The prices quoted above are subject to change by CWM upon thirty (30) days' prior written notice to you unless otherwise specifically provided or per the terms of our Agreement. If we have not previously concluded a Service Agreement with your company, one is enclosed for your convenience. Please sign and return it to us as soon as possible. Also, if 'Signature on File' does not appear on the signature line of the Waste Profile Sheet, please sign and return it before scheduling your material.

If you have any questions or would like to make changes to the profile, please contact your representative.
Thank you for this opportunity to be of service.


Bonnie Larson

Chemical Waste Management, Inc.

CWM Chemical Services, Inc.
1550 Balmer Road • P.O. Box 200 • Model City, New York • 14107 • 1-800-843-3604

October 27, 1995

Mr. Kelly McIntosh
CRA-Tren-Tek
2055 Niagara Falls Blvd
Niagara Falls, NY 14304
Re: Quotation for roll-off boxes

Dear Mr. McIntosh:

CWM Chemical Services, Inc. is pleased to provide you with pricing for the spotting of roll-off boxes. Based upon the information you provided, the following summarizes our quotation:

DESCRIPTION/ESTIMATED QUANTITY OF WASTE:

These rates must be confirmed in writing

DISPOSAL FACILITY:

CWM Chemical Services, Inc.
P.O. Box 200
1550 Balmer Road
Model City, NY 14107

DISPOSAL CHARGES:

Will follow

TRANSPORTATION

These rates are based upon each roll-off box left at your facility

- \$400.00 per spot \$300.00 PER SBT - MIKE SCRIBANO 9/9/95
- \$15.00 per day per box
- \$40.00 per liner

CWM Chemical Services, Inc.

1550 Balmer Road • P.O. Box 200 • Model City, New York • 14107 • 1-800-843-3604

10/28/95 10:12 12-01-95

716 754 2959

FROM : CUM CUSTOMER SERVICE

DEMURRAGE:

On site is \$85.00 per hour after one free hour

WASTE APPROVAL FEES:

Will follow

SPECIAL CONDITIONS:

Waste must meet acceptability criteria at the site and comply with local, state, and federal regulations, as well as the sites permit requirements. Pricing is contingent upon site and sample evaluation.


The disposal charges are based solely on the information available at this time and is good for (30) days from the date of this letter. Additional information may be required prior to approval.

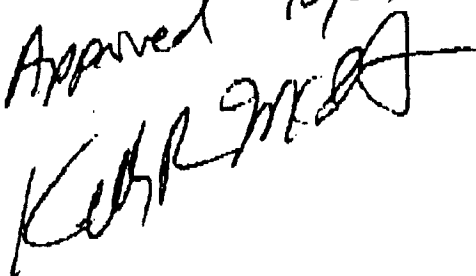
Payment must be received within thirty (30) days of invoicing. Payments received after 30 days will accrue interest at the rate of 1.5% per month.

Following site approval, we will reconfirm your pricing, and send you the appropriate Supplemental Information Document for signature.

CWM Chemical Services, Inc. wishes to thank you for allowing us to quote on your disposal needs. Please contact me with any questions you might have or if you require any further assistance at 716 754-0453.

Sincerely,


Bonnie Larson
Customer Service Representative

Approved 10/27


cc: Mike Scarsano

PAGE 1
 Profile.. Receipt..... State..... State..... DISPOSAL DATE.
 Number Number Manifest Quantity

| | | | | |
|--------|-------------|--------------|----------|----------|
| BO1085 | 08143963901 | NYB810552601 | 24940.00 | 11/13/95 |
| BO1085 | 08143964301 | NYB810549901 | 23640.00 | 11/27/95 |
| BO1085 | 08143964401 | NYB810560701 | 22640.00 | 11/13/95 |
| BO1085 | 08143964501 | NYB810550801 | 23340.00 | 11/13/95 |
| BO1085 | 08143967001 | NYB810555301 | 24740.00 | 11/13/95 |
| BO1085 | 08143967101 | NYB810558901 | 23000.00 | 11/13/95 |
| BO1085 | 08143967301 | NYB810557101 | 24240.00 | 11/13/95 |
| BO1085 | 08143967601 | NYB810554401 | 25700.00 | 11/13/95 |
| BO1085 | 08143968701 | NYB810556201 | 26780.00 | 11/13/95 |
| BO1085 | 08143969501 | NYB810553501 | 18840.00 | 11/13/95 |
| BO1085 | 08143970801 | NYB810551701 | 27040.00 | 11/14/95 |

*** 264900.00

*** 264900.00

11 Records Processed

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

CMDC

Form Approved: OMB No. 2050-0038, Expires 01-01-93

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**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA No.

Manifest
Document No.

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

NY D 08353042800006

A. State Manifest Document No.
NY B 8105535

B. Generator's ID
Same re 11/13
NY A5320

C. State Transporter's ID
D. Transporter's Phone 716 879-0600

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

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

I. Facility's Phone 716 754-8231

13. Total Quantity
14. Unit
Wt/Vol

Waste ID
EPA F001

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3. Generator's Name and Mailing Address
VIBRATECH INC
537 E DELAVAN AVE
BUFFALO NY 14211-1007

4. Generator's Phone 716 297-6150

5. Transporter's Company Name
CHEMICAL WASTE MANAGEMENT, INC.

6. Transporter's Phone

7. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, INC.
1550 BALMER RD.
MODEL CITY NY 14107

8. Designated Facility's Phone

9. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)
HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001)

10. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

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

12. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

13. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

14. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

15. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

16. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

17. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

18. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

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20. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

21. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

22. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

23. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

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27. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

28. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

29. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

30. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

31. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

CWM EMERGENCY RESPONSE # 800/424/9300

ERG#31 PROFILE# B01085

SR# 710708/8

81439695

WILLIAM J LEES

William J Lees

111085

J. KENNETH RYAN

J. Kenneth Ryan

111085

actual rec'd 18840P

EILEEN CARTER

Eileen Carter

111395



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Model City, New York 14107-0200
716/754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/13/95 as described on Hazardous Waste Manifest number NYB8105535 Sequence number 01.

Profile Number: B01085
CWM Tracking ID: 8143969501
CWM Unit #: 1*0
Disposal Date: 11/13/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 50384
11/13/95

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

CMDC

Form Approved. OMB No. 2050-0039. Expires 9-30-88

Please print or type. Do not Staple.

| | | | | | | | | | |
|--|--|---|--|---|--|--|--|---|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA No. NYD08353042800003 | | Manifest Document No. 1 | | 2. Page 1 of 1 | | Information in the shaded areas is not required by Federal Law. | |
| 3. Generator's Name and Mailing Address VIBRATECH INC 537 E DELAVAN AVE BUFFALO NY 14211-1007 | | | | A. State Manifest Document No. NY B 8105562 | | | | | |
| 4. Generator's Phone (716 297-6150) | | | | B. Generator's ID Same 2/11/83 | | | | | |
| 5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT, INC. | | | | 6. US EPA ID Number ILD099202681 | | C. State Transporter's ID NY RA5320 | | | |
| 7. Transporter 2 (Company Name) | | | | 8. US EPA ID Number | | D. Transporter's Phone (716 754-8231) | | | |
| 9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, INC. 1550 BALMER RD. MODEL CITY NY 14107 | | | | 10. US EPA ID Number NYD049836679 | | E. State Transporter's ID | | | |
| | | | | | | F. Transporter's Phone () | | | |
| | | | | | | G. State Facility's ID | | | |
| | | | | | | H. Facility's Phone (716 754-8231) | | | |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) | | | | 12. Containers | | 13. Total Quantity | | 14. Unit | |
| a. HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001) | | | | No. Type | | EST. 001 CM 00020 Y | | EPA F001 STATE | |
| b. | | | | | | | | EPA STATE | |
| c. | | | | | | | | EPA STATE | |
| d. | | | | | | | | EPA STATE | |
| J. Additional Descriptions for Materials listed Above | | | | K. Handling Codes for Wastes Listed Above | | | | | |
| a. B01085 | | | | a. L | | | | | |
| b. | | | | b. | | | | | |
| 15. Special Handling Instructions and Additional Information CWM EMERGENCY RESPONSE # 800/424/9300 ERG#31 PROFILE# E01085 SR# 260708/7 | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and classification, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national regulations and state laws and regulations. If I am a large quantity generator, I certify that I have 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 treatment, storage, or disposal currently available to me which minimizes the present and future threats to human health and the environment. OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford. | | | | | | | | | |
| Printed Name WILLIAM J LEES | | | | Signature <i>[Signature]</i> | | | | | |
| 17. Transporter 1 (Acknowledgement of Receipt of Materials) | | | | Signature <i>[Signature]</i> | | | | | |
| Printed Name J. KENNETH RYAN | | | | 111095 | | | | | |
| 18. Transporter 2 (Acknowledgement of Receipt of Materials) | | | | Signature <i>[Signature]</i> | | | | | |
| Printed Name | | | | 111095 | | | | | |
| 19. Discrepancy Indication Space actual received 26780 P | | | | | | | | | |
| 20. Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. | | | | | | | | | |
| Printed Name KATH VILNEVE | | | | Signature <i>[Signature]</i> | | | | | |
| | | | | 111395 | | | | | |



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Model City, New York 14107-0200
716/754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/13/95 as described on Hazardous Waste Manifest number NYB8105562 Sequence number 01.

Profile Number: B01085
CWM Tracking ID: 8143968701
CWM Unit #: 1*0
Disposal Date: 11/13/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 50382
11/13/95

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

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Form Approved, OMB No. 2050-0039, Expires 9-30-98

| | | | | | | | | | |
|---|--|---|--|--|--|---|--|---|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA No. NYD08353042800002 | | Manifest Document No. | | 2. Page 1 of 1 | | Information in the shaded areas is not required by Federal Law. | |
| 3. Generator's Name and Mailing Address VIBRATECH INC 537 E DELAVAN AVE BUFFALO NY 14211-1007 | | | | 6. US EPA ID Number 11D09920268 | | A. State Manifest Document No. NY B 8105544 | | B. Generator's ID Same 11/13 | |
| 4. Generator's Phone 716 297-6150 | | | | 7. US EPA ID Number | | C. State Transporter's ID 11T117876 | | D. Transporter's Phone 716 754 8331 | |
| 5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT, INC. | | | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 7. Transporter 2 (Company Name) | | | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone | |
| 9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, INC. 1550 EALMER RD. MODEL CITY NY 14107 | | | | 12. Containers 0.01 CM | | 13. Total Quantity 000.20 Y | | 14. Unit EST | |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001) | | | | 15. EPA Waste No. F001 | | 16. STATE | | 17. EPA | |
| 18. Additional Descriptions for Materials listed Above B01085 | | | | 19. Handling Codes for Wastes Listed Above L | | 20. STATE | | 21. EPA | |
| 22. Emergency Response # B00/424/9300 | | | | 23. ERG#31 PROFILE# B01085 | | 24. SR# 260708-9 | | 25. 81439676 | |
| <p>GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper labeling, name, and quantity, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.</p> <p>I, the undersigned, certify that I have taken all steps to reduce the volume and toxicity of waste generated to the degree I have determined to be appropriate, and have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future hazard to man and the environment. OR, if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available.</p> | | | | | | | | | |
| Signature WILLIAM J LEE | | | | Signature William J Lee | | | | Date 11 10 95 | |
| Signature Ricky Alwin Kulmann | | | | Signature Ricky Alwin Kulmann | | | | Date 11 10 95 | |

act. recd. 25700 P

KATH VILLENEUVE

Signature
Kath Villeneuve

Date
11 13 95

3) 457
of Environmental Conservation
N.Y. Dept. of Environmental Conservation
421-8802 and the National Response Center (800) 424-8802



CWM Chemical Services, Inc.

Northeast Region
1550 Garner Road
P.O. Box 200
Waterbury, New York 14107-0200
716-754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/13/95 as described on Hazardous Waste Manifest number NYB8105544 Sequence number 01.

Profile Number: BO1085
CWM Tracking ID: 8143967601
CWM Unit #: 1*0
Disposal Date: 11/13/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 50380
11/13/95

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

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Form Approved. OMB No. 2050-0039. Expires 9-30-96

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| | | | | | | | |
|--|--|---|--|--|--|--|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA No. NYD08353042800005 | | 2. Page 1 of 1 | | Information in the shaded areas is not required by Federal Law | |
| 3. Generator's Name and Mailing Address VIBRATECH INC 537 E DELAVAN AVE BUFFALO NY 14211-1007 | | | | A. State Manifest Document No. NY B 8105571 | | | |
| 4. Generator's Phone () 716 297-6150 | | | | B. Generator's ID SAME | | | |
| 5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT, INC. | | 6. US EPA ID Number 111D099202681 | | C. State Transporter's ID NY86431Z | | D. Transporter's Phone () 716 754-8231 | |
| 7. Transporter 2 (Company Name) | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone () | |
| 9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, INC. 1550 BALMER RD. MODEL CITY NY 14107 | | 10. US EPA ID Number NYD049836679 | | G. State Facility's ID | | H. Facility's Phone 716 754-8231 | |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) | | | | 12. Containers | | 13. Total Quantity | |
| a. HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001) | | | | No. 001 Type CM00020Y | | 14. Unit EST | |
| b. | | | | | | 1. Waste No. EPA F001 STATE | |
| c. | | | | | | EPA STATE | |
| d. | | | | | | EPA STATE | |
| J. Additional Descriptions for Materials listed Above | | | | K. Handling Codes for Wastes listed Above | | | |
| a. B01085 | | | | a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/> | | | |
| 15. Special Handling Instructions and Additional Information CWM EMERGENCY RESPONSE # 800/424/9300 ERG#31 PROFILE# B01085 SR#2607083 | | | | 81439673 | | | |
| 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 identified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government and state laws and regulations. | | | | | | | |
| I am a small quantity generator. I certify that I have 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 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 generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford. | | | | | | | |
| Signature of Generator WILLIAM J. LEE | | | | Signature William J. Lee | | Mo. Day Year 11 10 95 | |
| Signature of Transporter Dennis J. Hoover | | | | Signature Dennis Hoover | | Mo. Day Year 11 10 95 | |
| Signature of Facility KATH VIKENEUE | | | | Signature Kath Vike | | Mo. Day Year 11 13 95 | |
| 17. For use by generator. Verification of receipt of hazardous materials covered by this manifest except as noted in item 12. | | | | | | | |

In case of emergency or spill, immediately call the National Response Center (800) 424-9302 and the N.Y. Department of Environmental Conservation (609) 424-9302.



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Model City, New York 14107-0200
716/754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/13/95 as described on Hazardous Waste Manifest number NYB8105571 Sequence number 01.

Profile Number: B01085
CWM Tracking ID: 8143967301
CWM Unit #: 1*0
Disposal Date: 11/13/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 50377
11/13/95



Front
Slot 15

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

CMDC

Form Approved. OMB No. 2050-0039. Expires 9-30-96

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|--|--|--|--|---|--|--|--|---|--|----------------|--|------------------------------|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA No. NY D08353042800004 | | Manifest Document No. | | 2. Page 1 of 1 | | Information in the shaded areas is not required by Federal Law. | | | | | |
| 3. Generator's Name and Mailing Address VIBRATECH INC 537 E DELAVAN AVE BUFFALO NY 14211-1007 | | | | | | A. State Manifest Document No. NY B 8105589 | | | | | | | |
| 4. Generator's Phone (716 297-6150) | | | | | | B. Generator's ID Same | | | | | | | |
| 5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT, INC. | | | | 6. US EPA ID Number IL D 0 9 9 2 0 2 6 8 | | C. State Transporter's ID NY, 86407Z | | | | | | | |
| 7. Transporter 2 (Company Name) | | | | 8. US EPA ID Number | | D. Transporter's Phone 716 754-8231 | | | | | | | |
| 9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, INC. 1550 BALMER RD. MODEL CITY NY 14107 | | | | 10. US EPA ID Number NY D 0 4 9 8 3 6 6 7 9 | | E. State Transporter's ID | | | | | | | |
| | | | | | | F. Transporter's Phone () | | | | | | | |
| | | | | | | G. State Facility's ID | | | | | | | |
| | | | | | | H. Facility's Phone (716 754-8231 | | | | | | | |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) | | | | | | 12. Containers | | 13. Total | | 14. Unit | | 15. Waste No. | |
| a. HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001) | | | | | | No. Type | | Quantity | | Wt/Vol | | EPA | |
| | | | | | | | | | | | | STATE | |
| b. | | | | | | | | | | | | EPA | |
| | | | | | | | | | | | | STATE | |
| c. | | | | | | | | | | | | EPA | |
| | | | | | | | | | | | | STATE | |
| d. | | | | | | | | | | | | EPA | |
| | | | | | | | | | | | | STATE | |
| J. Additional Descriptions for Materials listed Above B01085 | | | | | | K. Handling Codes for Wastes Listed Above | | | | | | | |
| a | | | | | | a <input checked="" type="checkbox"/> c <input type="checkbox"/> | | | | | | | |
| b | | | | | | b <input type="checkbox"/> d <input type="checkbox"/> | | | | | | | |
| 16. Special Handling Instructions and Additional Information CWM EMERGENCY RESPONSE # 800/424/9300 ERG#31 PROFILE# B01085 SR# 260705/2 | | | | | | | | | | 8439671 | | | |
| 18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are packaged, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. I am a large quantity generator. I certify that I have 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 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 generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford. | | | | | | | | | | | | | |
| Printed Name WILLIAM J LEE | | | | | | Signature William J Lee | | | | | | Mo. Day Year 11 10 95 | |
| 17. Transporter Acknowledgement of Receipt of Materials | | | | | | Signature D.W. Dixon | | | | | | Mo. Day Year 11 10 95 | |
| 18. Transporter Acknowledgement of Receipt of Materials | | | | | | Signature Michelle Folke | | | | | | Mo. Day Year 11 13 95 | |
| 19. Discrepancy Indication Space actual recd 23000 P | | | | | | | | | | | | | |
| 20. Receiver Acknowledgement: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. | | | | | | | | | | | | | |
| Printed Name Michelle Folke | | | | | | Signature Michelle Folke | | | | | | Mo. Day Year 11 13 95 | |



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Model City, New York 14107-0200
716/754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/13/95 as described on Hazardous Waste Manifest number NYB8105589 Sequence number 01.

Profile Number: BO1085
CWM Tracking ID: 8143967101
CWM Unit #: 1*0
Disposal Date: 11/13/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 50376
11/13/95



CMDC

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Form Approved: CMS No. 2350-1009 Expires 6-30-96

| | | | | | | | | | |
|---|--|--|--|---|--|---|--|--|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA No. NY D08353042800001 | | Manifest Document No. NY D08353042800001 | | 2. Page of 1 | | Information in the shaded area is not required by Federal law. | |
| 3. Generator's Name and Mailing Address VIBRATECH INC 537 E DELAVAN AVE BUFFALO NY 14211-1007 4. Generator's Phone: 716 297-6150 | | | | A. State Manifest Document No. NY B 8105553 B. Generator's ID SAME | | C. State Transporter's ID 14644V N D. Transporter's Phone (716) 254-0300 E. State Transporter's ID F. Transporter's Phone G. State Facility's ID H. Facility's Phone | | | |
| 5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT, INC. | | 6. US EPA ID Number IL D099202681 | | 7. Transporter 2 (Company Name) | | 8. US EPA ID Number | | 9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, INC. 1550 BALMER RD. MODEL CITY NY 14107 | |
| 10. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001) | | 12. Containers No. Type Est. 001CM00020 Y | | 13. Total Quantity Est. 001CM00020 Y | | 14. Unit Net Vol. Net Wt. EPA F001 STATE | | 15. EPA STATE | |
| 16. Additional Descriptors for Wastes Listed Above B01085 | | | | K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> L b. <input type="checkbox"/> | | 17. Other Information (For additional information) CWM EMERGENCY RESPONSE # 800/424/9300 ERG#31 PROFILE# B01085 SR# 260708-5 81439670 | | | |
| 18. CERTIFICATION AND IDENTIFICATION: I hereby certify that the contents of this manifest are fully and accurately described above by proper shipping name, hazard class, and ID number, and the other aspects in proper technical for transport by highway according to applicable international and national laws and regulations. I also certify that I have determined the volume and toxicity of waste generated to the extent I have determined to be appropriate, and that I have selected the appropriate means of treatment, storage, or disposal currently available to me which minimizes the present and future threat to man and the environment. I have made a good faith effort to minimize my waste and select the best waste management method available to me. | | | | | | | | | |
| Signature of Generator William J. LRS | | | | Signature of Transporter William J. LRS | | | | Date 11/10/95 | |
| Signature of Facility Tim Quavantille | | | | Signature of Facility Tim Quavantille | | | | Date 11/10/95 | |

act. recd. 24740F

KATHY VILLOREUX

East View 101395



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Model City, New York 14107-0200
716/754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/13/95 as described on Hazardous Waste Manifest number NYB8105553 Sequence number 01.

Profile Number: B01085
CWM Tracking ID: 8143967001
CWM Unit #: 1*0
Disposal Date: 11/13/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 50375
11/13/95



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-96

CMDC

Please print or type. Do not staple.

| | | | | | | | |
|--|--|--|--|--|--|---|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA No. NY D08353042800007 | | 2. Page 1 of 1 | | Information in the shaded areas is not required by Federal Law. | |
| 3. Generator's Name and Mailing Address VIBRATECH INC 537 E DELAVAN AVE BUFFALO NY 14211-1007 | | | | A. State Manifest Document No. NY B 8105508 | | | |
| 4. Generator's Phone () 716 297-6150 | | | | B. Generator's ID SAME | | | |
| 5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT, INC. | | 6. US EPA ID Number 11 D09920268 | | C. State Transporter's ID 14644 V NY | | D. Transporter's Phone () 716 577-0800 | |
| 7. Transporter 2 (Company Name) | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone () | |
| 9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, INC. 1550 BALMER RD. MODEL CITY NY 14107 | | 10. US EPA ID Number NY D049836679 | | G. State Facility's ID | | H. Facility's Phone (716 754-8231 | |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) | | | | 12. Containers | | 13. Total Quantity | |
| a. HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001) | | | | No. Type | | Unit | |
| | | | | | | Wt/Vol | |
| | | | | | | Waste ID | |
| | | | | | | EPA | |
| | | | | | | STATE | |
| | | | | | | EPA | |
| | | | | | | STATE | |
| | | | | | | EPA | |
| | | | | | | STATE | |
| J. Additional Descriptions for Materials Listed Above | | | | K. Handling Codes for Wastes Listed Above | | | |
| a. B01085 | | | | a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c <input type="checkbox"/> | | | |
| b. | | | | b. <input type="checkbox"/> <input type="checkbox"/> d <input type="checkbox"/> | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| 15. Special Handling Instructions and Additional Information CWM EMERGENCY RESPONSE # 800/424/9300 ERG#31 PROFILE# B01085 SR# 210788-4 | | | | | | | |
| 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 state laws and regulations. If I am a large quantity generator, I certify that I have 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 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 generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford. | | | | | | | |
| Printed Name WILLIAM J HEES | | | | Signature <i>William J Hees</i> | | | |
| 17. Transporter 1 Acknowledgement or Receipt of Materials Tim Quarantillo | | | | Signature <i>Tim Quarantillo</i> | | | |
| 18. Transporter 2 Acknowledgement or Receipt of Materials | | | | Signature | | | |
| Printed Name | | | | Signature | | | |
| 19. Discrepancy Indication Space actual recd 23340 P | | | | | | | |
| 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 | | | | | | | |
| Printed Name KATH VUENENVE | | | | Signature <i>Kath Vueneve</i> | | | |
| | | | | 111395 | | | |

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (516) 457-1300.



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Model City, New York 14107-0200
716/754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/13/95 as described on Hazardous Waste Manifest number NYB8105508 Sequence number 01.

Profile Number: B01085
CWM Tracking ID: 8143964501
CWM Unit #: 1*0
Disposal Date: 11/13/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 50366
11/13/95

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

R/0219402 51079

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Please print or type. Do not stamp.

Form Approved: CMS No. 3350-0039-100

| | | | | | |
|---|--|--|---|---|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA No. | Manifest Document No. | 2. Page 1 of 1 | Information on the product and its use is not required by Federal law. |
| 3. Generator's Name and Mailing Address VIBRATECH INC 537 E DELAVAN AVE BUFFALO NY 14211-1007 | | 4. Generator's Phone: 716 297-6150 | | A. State Manifest Document No. NY B 8105607 | |
| 5. Transporter's Company Name CHEMICAL WASTE MANAGEMENT, INC. | | 6. US EPA ID Number 11D099202681 | C. State Transporter's ID NY864312 | | |
| 7. Transporter's Company Name | | 8. US EPA ID Number | D. Transporter's Phone 716 754-8231 | | |
| 9. Generator's Facility Name and Site Address CWM CHEMICAL SERVICES, INC. 1550 BALMER RD. MODEL CITY NY 14107 | | 10. US EPA ID No. | E. State Transporter's ID | | |
| | | | F. Transporter's Phone | | |
| | | | G. State Facility's ID | | |
| | | | H. Facility's Phone 716 754-8231 | | |
| 11. US DOT Description including Proper Shipping Name, Hazard Class and ID | | 12. Containers | 13. Total Quantity | 14. Unit | 15. Code |
| HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001) | | 001 | 000020Y | EST | F001 |
| 16. EPA ID Number | | 17. Facility's Name | | | |
| B01085 | | L | | | |
| 18. Emergency Response # | | 19. ERG#31 | | 20. PROFILE# | |
| 600/424/9300 | | B01085 | | SR# 260708-11 | |

CWM EMERGENCY RESPONSE # 600/424/9300

ERG#31

PROFILE# B01085

SR# 260708-11

81439644

WILLIAM J LEES

William J Lees

11/10/95

Dennis J. Hoover

Dennis J. Hoover

11/10/95

actual record 22640P

KATH VILLENEUVE

Kath Villeneuve

11/13/95



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Medal City, New York 14107-0200
716/754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/13/95 as described on Hazardous Waste Manifest number NYB8105607 Sequence number 01.

Profile Number: B01085
CWM Tracking ID: 8143964401
CWM Unit #: 1*0
Disposal Date: 11/13/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 50365
11/13/95

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039. Expires 9-30-96

CMDC

Please print or type. Do not Staple.

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|---|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA No. NY D08353042800010 | | Manifest Document No. | | 2. Page 1 of 1 | | Information in the shaded areas is not required by Federal Law. | |
| 3. Generator's Name and Mailing Address VIBRATECH INC 537 E DELAVAN AVE BUFFALO NY 14211-1007 | | | | | | A. State Manifest Document No. NY B 8105499 | | | |
| 4. Generator's Phone (716 297-6150) | | | | | | B. Generator's ID Samr NY 864072 | | | |
| 5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT, INC. | | | | 6. US EPA ID Number 111099202681 | | C. State Transporter's ID NY 864072 | | | |
| 7. Transporter 2 (Company Name) | | | | 8. US EPA ID Number | | D. Transporter's Phone (716 879-0600) | | | |
| 9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, INC. 1550 BALMER RD. MODEL CITY NY 14107 | | | | 10. US EPA ID Number NY D049836679 | | E. State Transporter's ID | | | |
| | | | | | | F. Transporter's Phone () | | | |
| | | | | | | G. State Facility's ID | | | |
| | | | | | | H. Facility's Phone 716 754-8231 | | | |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) | | | | | | 12. Containers | | 13. Total Quantity | |
| a. HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001) | | | | | | No. Type | | Wt/Vol | |
| | | | | | | | | EPA Waste No. F001 | |
| b. | | | | | | | | STATE | |
| c. | | | | | | | | EPA | |
| | | | | | | | | STATE | |
| d. | | | | | | | | EPA | |
| | | | | | | | | STATE | |
| J. Additional Descriptions for Materials listed Above | | | | | | K. Handling Codes for Wastes Listed Above | | | |
| a B01085 | | | | | | a <input checked="" type="checkbox"/> c <input type="checkbox"/> | | | |
| b | | | | | | b <input type="checkbox"/> d <input type="checkbox"/> | | | |
| 15. Special Handling Instructions and Additional Information CWM EMERGENCY RESPONSE # 800/424/9300 ERG#31 PROFILE# B01085 SR# 260708-1 | | | | | | | | | |
| 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 state laws and regulations. If I am a large quantity generator, I certify that I have 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 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 generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford. | | | | | | | | | |
| Printed/Typed Name WILLIAM J LEFS | | | | | | Signature <i>William J Lefs</i> | | Mo. Day Year 11/10/95 | |
| 17. Transporter 1 (Acknowledgement of Receipt of Materials) | | | | | | | | | |
| Printed/Typed Name D.W. Dixon | | | | | | Signature <i>D.W. Dixon</i> | | Mo. Day Year 11/10/95 | |
| 18. Transporter 2 (Acknowledgement of Receipt of Materials) | | | | | | | | | |
| Printed/Typed Name | | | | | | Signature | | Mo. Day Year | |
| 19. Discrepancy Indication Space actual rec'd 23640P | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. | | | | | | | | | |
| Printed/Typed Name RAM VIGNEUVE | | | | | | Signature <i>Ram Vigneuve</i> | | Mo. Day Year 11/13/95 | |



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Model City, New York 14107-0200
716/754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/13/95 as described on Hazardous Waste Manifest number NYB8105499 Sequence number 01.

Profile Number: BO1085
CWM Tracking ID: 8143964301
CWM Unit #: 1*0
Disposal Date: 11/27/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 51349
11/27/95

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

249408 -17
6617

CMDC

Please print clearly. Do not write.

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA No.

NYD08353042800008

2. Page 1
or

Information in the space is
not required on Federal

1

3. Generator's Mailing Address

VIBRATECH INC
537 E. DELAVAN AVE
BUFFALO NY 14211-1007
Generator's Phone: 716 297-6150

A. State Manifest Document No.

NY B 8105526

B. Generator's ID

Same as 11/13

C. State Transporter's ID

ELT117876

D. Transporter's Phone

716 877-0800

E. State Transporter's ID

754-8231

F. Transporter's Phone

G. State Facility's ID

4. Facility's Phone

716 754-8231

5. Facility's Name and Site Address
CWM CHEMICAL SERVICES, INC.
1350 BALMER RD.
MODEL CITY NY 14107

NYD049836679

6. Description, including Proper Shipping Name, Hazard Class and ID Number

HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001)

001 CM EST
0 00 20 Y

F001

STATE

EPA

STATE

EPA

STATE

EPA

STATE

B01085

L

CWM EMERGENCY RESPONSE # 800/424/9300 ERG#31 PROFILE# B01085

SR# 260708-10

81439639

WILLIAM J LEES

William J. Lees

111095

Ricky A. Wilkelmann

Ricky A. Wilkelmann

111095

actual record 24940 P

LATIM VILLENEUVE

Jacki Vuel

111395

NY B 8105526



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Mead City, New York 14107-0200
716-754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/13/95 as described on Hazardous Waste Manifest number NYB8105526 Sequence number 01.

Profile Number: BO1085
CWM Tracking ID: 8143963901
CWM Unit #: 1*0
Disposal Date: 11/13/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Kathleen D. Morrison

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 50364
11/13/95

357

21

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

CMDC

Form Approved OMB No. 2050-0047

Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1
Information on this manifest is not required by RCRA

NY D08353042800009

A. State Manifest Document
NY B 8105517

3. Generator's ID

SAME

C. State Transporter ID NY864312

D. Transporter's Phone 716 879-0600

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

716 754-8231

VIBRATECH INC
537 E DELAVAN AVE
BUFFALO NY 14211-1007
716 297-6150

CHEMICAL WASTE MANAGEMENT, INC.

I. D 09920268

3. US EPA ID Number

CWM CHEMICAL SERVICES, INC.
1550 BALMER RD.
MODEL CITY NY 14107

NY D049836679

12. Containers

13.

14.

No.

Type

Total

Unit

HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (F001)

EST

F001

001 CW00020Y

B01085

CWM EMERGENCY RESPONSE # 800/424/9300

ERG#31 PROFILE# B01085

SR# 260708

81439708

WILLIAM J LEE

William J Lee

111095

Dennis Pittenger

Dennis Pittenger

111095

actual rec'd 270408

item 12-CM

KATH VIGNEVE

Kath Vigneve

111495



CWM Chemical Services, Inc.

Northeast Region
1550 Balmer Road
P.O. Box 200
Model City, New York 14107-0200
716/754-8231

Federal EPA ID: NYD049836679

VIBRATECH INC
ATTN: MANIFEST SECTION
NYD083530428
537 E DELAVAN AVE
BUFFALO NY 14211-1007

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. has received waste material from VIBRATECH INC on 11/14/95 as described on Hazardous Waste Manifest number NYB8105517 Sequence number 01.

Profile Number: B01085
CWM Tracking ID: 8143970801
CWM Unit #: 1*0
Disposal Date: 11/14/95

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

A handwritten signature in cursive script, reading "Kathleen D. Morrison". The signature is written in dark ink and is positioned above a horizontal line.

KATHLEEN D. MORRISON
RECORDS DEPT. SUPERVISOR
Certificate # 50496
11/14/95

APPENDIX C

TABLE C-1
SOIL VAPOR EXTRACTION
SYSTEM MONITORING
VIBRATECH, INC.

| <i>Date</i> | <i>Elapsed Running Time</i> | <i>Flow Rate (cfm)</i> | <i>Extracted PID</i> | <i>Vapor ⁽¹⁾ Quality Draeger Tube (ppm)</i> | <i>Discharge Air</i> | |
|-------------------------|-------------------------------------|--------------------------------|--------------------------|--|---------------------------|---------------------------|
| | | | | | <i>Line (A) (ppm)</i> | <i>Line (B) (ppm)</i> |
| 11/06/95 ⁽²⁾ | 0 | 150 | 89.9 | 20 | 0.0 | 0.0 |
| 11/07/95 | 25.32 | 130 | - | 15 | - | - |
| 11/08/95 | 49.46 | 130 | 39.4 | 10 | 0.0 | 0.0 |
| 11/09/95 | 71.49 | 160 | 31.4 | 8 | 0.2 | 0.0 |
| 11/10/95 | 95.27 | 160 | 30.0 | 7 | 0.6 | 0.5 |
| 11/13/95 | 141.62 | - | 28.2 | 5 | - | - |
| 11/17/95 | 234.23 | 160 | 28.4 | 4 | 3.6 | 2.1 |
| 11/21/95 | 329.70 | 165 | 26.8 | 4 | - | - |
| 12/01/95 | 563.31 | 165 | - | 3 | - | - |
| 12/07/95 | 715.70 | 165 | 20 | 3 | - | - |
| 12/13/95 | 859.01 | 165 | 18 | 2 | - | - |
| 12/22/95 | 963.34 | 150 | 27.7 | 2 | 0.0 | 0.0 |

Notes:

(1) Trichloroethene specific.

(2) System start date.

cfm Cubic Feet Per Minute.

PID Photoionization Detector.

ppm Parts Per Million.

APPENDIX D

Monday 11/13/95

- windy, cloudy, 50F

12:30 B. Foulke (CRA) on-site

- D. Buhl (HFD) and 1 operator
are on-site

- HFD is mobilizing equipment to the site
today and scraping away top 6" of
gravel + stone to expose RR ties
for removal activities tomorrow

- CRA calibrated PID w/100ppm Isobutylene
and screening gravel

- 0.0ppm Background

- 0.0ppm on stone/gravel

- oil odor and staining present on gravel

- HFD is removing stone w/ Ford 755B
Rubber Tired backhoe

13:00 B. Lees (Vibratex) on-site to review
set up, Vibratex has shut off gas line to boilers

- CRA is ordering Roll-off NOT Vibratex

13:15 spare w/k. McIntosh

- B. Fisher was to have ordered the roll-offs
from BFI for delivery on Tuesday 11/17/95

14:30 Maurice Moore (NYSDEC) on-site

- CRA air monitoring 0.0ppm Bkgd

- 0.0ppm on soil + RR Ties

15:15 CRA + HFD crew off-site

Tuesday 10/17/95

- mostly sunny 40-50°F

07:00 B. Fouke (CRA) on-site

HFD Operator on-site + Laborer

- CRA calibrating PID w/ 600ppm Tied bulk

+ calibrating Sibate Dust Indicator model P-5

- Bird readings 0.0ppm

07:15 HFD delivering a storage trailer to the site

- J. B. H. (HFD) on-site

- unloading plastic + torches

- sweeping parking lot area clean where soil piles will be constructed

07:30 Maurice Moore (DEC) on-site

08:00 HFD removing Rails from work area

+ staging on ~~stone~~ concrete to cut up later for scrap

08:45 B. Krane (T.F. CRA) on-site

09:00 K. McInish (CRA) on-site

10:00 K. McInish off-site after meeting with

DEC and reviewing work plan

11:00 HFD about half way through removing

RR rails, sweeping concrete area for

staging rails + ties

- Maurice Moore (DEC) off-site, B. Krane off-site

Air Monitoring 10/17/95

(3)

| Time | PID ppm | Dust mg/m ³ | Location | Occupational Exposure Limit (PEL) |
|-------|------------|---------------------------|---|---|
| 07:00 | 0.0 | — | EE Perimeter/work zone | 0.0ppm |
| 08:00 | 0.0 | 4 mg/m ³ | EE Perimeter/work zone | 0.0ppm |
| 09:00 | 0.0 | 2.4 | Site | |
| 09:10 | 0.0 | — | Site Perimeter - Fence line | |
| 10:00 | 0.0 | 2.0 | EE Perimeter/work area | |
| 10:05 | 0.0 | — | Site Perimeter | |
| 11:00 | 0.0 | 2.8 | EE Perimeter/work area | |
| 12:00 | 0.0 | 2.9 | EE Perimeter/work area | |
| 12:30 | 0.0 | — | up Winchester Ave + Northland | |
| 13:00 | 0.0 | 3.1 | EE Perimeter/work area | |
| 14:00 | 0.0 | 9.2 | EE Perimeter/work area | |
| 14:10 | 0.0 | — | Site Perimeter | |
| 15:00 | 0.0 | off 636 | EE Perimeter/work area | |
| 15:10 | 0.0 | — | Beneath RR Ties as HFD was removing them on/off in Breathing Zone | |

10/17/95

12:30 HFD placing special dry on RR Rails to absorb oil ~~and~~ ^{BT} on base of rails

14:30 M. Moore (DEC) on-site to observe

15:20 M. Moore (DEC) off-site

15:30 - RR Tracks/Rails have been removed from the work area and staged for disposal/scraping

- HFD began to unearth RR Ties,
- Ties are saturated with oil + water
- 0.0ppm beneath ties, 0.0ppm in breathing zone

15:45 CRA, HFD off-site

Wed 10/18/95 (5)

- Windy, partly cloudy 50-60°F

07:00 B. Fenike (CRA) on-site

1 operator + 1 Laborer on-site

- CRA calibrating PFD w/100ppm Isobutylene
- CRA calibrating Sidata Dust Monitor

07:15 CRA collecting Bx&L levels w/PFD

- 0.0ppm around site and in work zone

- Maurice Moore (DEC) on-site

- HFD starting to break up RR ties

- CRA directed laborer to wear truck boots when in work zone as established by CRA

07:30 B. Franer (TT/CRA) on-site

07:40 D. Bihl (HFD) on-site with truck, breakfast

08:00 - D. Bihl cutting rails for disposal

08:30 30yd Roll-off Delivered for Scrap Steel (CHFD)

10:00 RR Ties have been removed and piled in several areas in work zone between concrete walls - waiting to be placed on plastic until roll-off for disposal arrives

10:45 Small Test pit excavated at 2nd loading area from Bta building

- Underground locates were completed on Monday 10/16/95 - CRA Standard Form

- Bill Lee's (Vibratich) ~~was~~ informed CRA on 10/16 that gas line to boiler house was shut-off

- Bill Lee's did not think/know of any lines under trucks

~~Test Pit~~

10:15 BFI delivered 20yd roll-off for RR ties

| Time | Air | Monitoring | Location |
|-------|---------|-------------------------------|--------------------------|
| | PID-PPM | Dust $\mu\text{g}/\text{m}^3$ | |
| 07:15 | 0.0 ppm | - | site perimeter |
| 07:15 | 0.0 ppm | 3.0 | work zone / ez perimeter |
| 08:30 | 0.0-0.4 | 4.0 | work zone |
| 09:30 | 0.0-0.2 | 5.6 | work zone |
| 09:40 | 0.0 | - | site perimeter |
| 10:30 | 0.0 | 5.6 | work zone |
| 11:30 | 0.0 | 8.5 | work zone |
| 11:40 | 0.0 | - | site perimeter |
| 12:30 | 0.0 | 5.1 | work zone |
| 13:30 | 0.0 | 3.7 | work zone |
| 13:40 | 0.0 | - | site perimeter |
| 15:00 | 0.0 | 3.4 | work zone |
| 15:10 | 0.0 | - | site perimeter |

10/18/15

10:15 Test Pit #1

10/18/15

0-1ft ~~PID~~ ^{BTF} - Black, oily gravel + fill material - 0.0 ppm on PID
 1-2ft ~~gray~~ sandy/clay - 5.0 - 8.0 ppm on PID
 - some water (traces) on interface of clay and fill layer

10:30 Test Pit #2 - located 20ft past ~~stop~~ stopping point from yesterday's rail removal operation
 0-1ft Gravel, Fill - Black, oily 0.0-0.2 ppm
 1-2ft ~~gray~~ sandy/clay 0.0 ppm

- Placed BTF
 - TCRPA directed HFD to remove rails + ties back to concrete (near storm sewer) towards Northland Ave.

10:50 ~~while~~ ^{off} uncovered a 3" steel pipe 6" BCs running parallel to tracks to catch basin
 - pipe is 245 ft long

11:00 M. Moore (DEC) OFF SIR
 11:20 BFI dropping OFF 2nd 20yd roll-off

13:00 B. Kramer (TT-CRA) OFF SIR
 - HFD placing RR rails - cut into 15 ft lengths - into Roll-off

13:30 M. Moore (DEC) on site
 - HFD removing ties - PID hit at 25 ppm at 1 mi of track

14:00 HFD placing RR ties into roll-offs - removed
 RR ties will be cut in half in roll-offs
 14:15 Cutting RR ties - wearing Modified Level D

10/19/95

14:20 Cat 225D LC Track hoe delivered to the site

- CRA - B. Faulkner - asked HFD - D. Bihl - if machine was too large for this job, and machine would not be able to turn in between walls
- HFD - D. Bihl - said that it would do the job if they had to pull the dirt towards them and work their way out

15:10 stop work and clean up site, pack up tails equipment

15:30 Laborer OFF site

15:40 - HFD + operator OFF site

- CRA OFF site

Thurs. 10/19/95 (1)

- clear, 50-60°F

07:00 B. Faulkner (CRA) on-site

- calibrating PPD w/100 ppm Isobutylene
- calibrating Dust Monitor
- Operator + Laborer on-site
- D. Bihl (HFD) on-site

07:15 M. Moore (DEC) on-site

- HFD warming up equipment

07:20 - starting work

- loading rails into Rolloffs
- cutting RR ties in Rolloffs

07:30 M. Moore stated that the DEC may want CRA to collect a sample of material from the LWB south limit of excavation, due to hit on PPD of 28 ppm yesterday, to determine if matl is hazardous and needs to be removed

08:00 ~~08:30~~ M. Dauster (DEC) on-site

08:15 M. Dauster (DEC) off-site

08:30 M. Moore off-site

10:30 D. Bihl off-site

12:30 K. McIntosh (CRA) on-site for 5 minutes to check work progress

13:15 B. Franer (TT/CRA) on-site

13:45 RR Ties - in rolloffs + cut ready to go

- M. Moore (DEC) on-site

- HFD had grading bucket delivered to site

10/18/95 BTP

14:20 Cat 225D LC Track-hoe delivered to the site

- CRA asked HFD if track-hoe was too big for this job
- HFD said that it will do the job

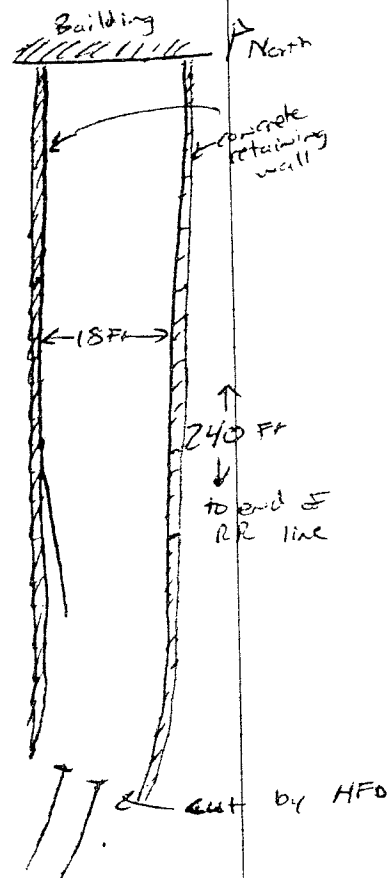
BTP

10/19/95

Air Monitoring

| Time | PIDppm | Dust ug/m ³ | Location |
|-------|--------|------------------------|--------------------------|
| 07:10 | 0.0ppm | - | site perimeter |
| 07:15 | 0.0ppm | 5.3 | work zone - EZ perimeter |
| 08:30 | 0.0 | 6.5 | work zone |
| 09:30 | 0.0 | 8.6 | work zone |
| 09:40 | 0.0 | - | site perimeter |
| 10:30 | 0.0 | 8.0 | work zone |
| 11:30 | 0.0 | 8.4 | work zone |
| 11:40 | 0.0 | - | site perimeter |
| 12:30 | 0.0 | 12.5 | work zone |
| 13:30 | 0.0 | 8.4 | work zone |
| 13:40 | 0.0 | - | site perimeter |
| 14:30 | 0.0 | 7.8 | work zone |
| 15:30 | 0.0 | 8.0 | work zone |

14:15 B. Finkle + B. Kraner measured amount of RR spur removed



14:30 - HFD has loaded spikes + debris from work area

- HFD trying to setup Cat 225 w/grading bucket

14:40 HFD will weld a plate on bucket + FCAT + tension Finish today using backhoe to pull dirt away from building & Northend

10/19/95

15:00 M. Moore (DEC) OFF-SITE

15:15 Excavation along building has revealed

a concrete structure - encased pipes
probably - running across RR super spur

~ 4 ft south of building

- oily, black water perched ~~into~~ on top
of clay ~ 2 ft BGS

- Bedrock ~ 3 ft BGS

- Tomorrow HFO will excavate "dry"
material to top of clay while CRA
determines what to do with black, oily
water, ^{BTF} wet soil

15:30 HFO OFF-SITE

15:40 CRA + TCRA OFF-SITE

11

Friday, 10/20/95 (3)

07:00 B. Foulke (CRA) on-site

- HFO on-site - Operator, Laborer, + D. B. H.

- M. Moore (DEC) on-site

- CRA calibrated PFD + dust monitor

07:15 CRA starting air monitoring - Regd.

07:20 D. Miller (HFO) on-site to review progress

- HFO welding plate across teeth of bucket
on track-hoe

07:25 B. Krainer (TCRA) on-site

08:00 B. Foulke + B. Krainer collecting samples

08:30 B. Anthony (BFI) on-site to inspect Black, oily
ground for possible discharge of BFI

08:40 D. Miller (HFO) OFF-SITE

Track-hoe ready to go

09:00 - Start excavation ~ 10-15 ft south of Building

- lie down 10 mil plastic to in parking lot
to place soil on

09:30 First 10 yd load of mat'l placed on plastic

09:40 W. Luckell + K. McIntosh (CRA) on-site

- Excavation through black gravel is on,

- oil & water ~ 18" BGS, beneath gravel on
top of clay

- as per B. Krainer / K. McIntosh - DO NOT excavate
into clay, remove gravel bedding that
BTF has NO free standing liquids

10:00 as per K. McIntosh - Back up excavation ~ 7.5 ft
and try to stay out of oil, ~~that BTF~~ the oil
may be treated as a separate issue depending
on lab results

10/20/95

Air Monitoring

| Time | PID (PPM) | Dust (ug/m ³) | Location |
|-------|-----------|---------------------------|----------------|
| 07:15 | 0.0 | 8.4 | work area |
| 07:20 | 0.0 | - | site perimeter |
| 08:00 | 0.0 | 9.3 | work area |
| 08:40 | 0.4 | 8.0 | work area |
| 09:45 | 0.0 | - | site perimeter |
| 10:00 | 0.0 | 6.7 | work area |
| 11:00 | 0.0 | 8.8 | work area |
| 11:10 | 0.0 | - | site perimeter |
| 13:00 | 0.0 | 5.7 | work area |
| 14:00 | 0.0 | - | site perimeter |

07:15-14:00
3000 ft
3000 ft

SAMPLE LOG

| Date | Time | ID# | Location |
|------------|-------|------------------|--|
| ✓ 10/20/95 | 11:00 | S-102045-BTF-001 | Black, oily ^{wet} soil @ Building |
| 10/20/95 | 05:00 | S-102045-BTF-002 | soil at South pad - 240 ft south of Building |

Chain of Custody # 1257

10:30 M. Moore (DEC) off-site

11:00 B. Faulke collecting sample of oily soil adjacent to building for analysis to determine treatment/disposal options

11:20 B. Johnson (Vibratex) on-site

11:30 B. Faulke off-site no deliver samples

13:00 B. Faulke on-site

K. McEntosh + W. Lebeck off-site

-HFD build SVE piles - placing 2" HDPE perforated pipe as directed by TF-CRA

13:30 - B. Johnson (Vibratex) off-site

14:00 CRA measured - dug out concrete sump - set of valves on east side of RR spur

-CRA Filled 2" casing in bedrock in RR spur w/concrete to decommission the well

15:00 M. Moore (DEC) on-site

-HFD covering soil pile

15:30 - M. Moore (DEC) off-site

-CRA off-site

10/23/95

0130

B. KRAMER ON SITE

H.F.D. ON SITE LABORER, OPERATOR, FOREMAN, DRIVER

MARICE MOORE ON SITE

WATER IN HOLES, PILE COVER INTACT

DISCUSSED MATERIAL HANDLING W/ M. MOORE

DEC DOESN'T THINK SPILLS DEPT. NEEDS TO

GET INVOLVED SINCE ORDER ON CONSENT IS IN

PLACE

DEC THINKS SUE IS OK FOR SATURATED

MATERIAL IF IT CAN BE MIXED IN

AND PUT IN SEPARATE "HOT" PILE - MAY

TAKE LONGER TO TREAT.

0815

KELLY MINTOSH ON SITE

ENVIRONMENTAL SUCS. MAY BE ABLE TO

SUCK OUT WATER IN EXCAVATION

WILL MOVE DOWN LINE TO PROCEED

WITH EXC & PILES

DUG TO BED ROCK BUT ARTESIAN WATER -

SOURCE COMING FROM B.R. AND FILLING

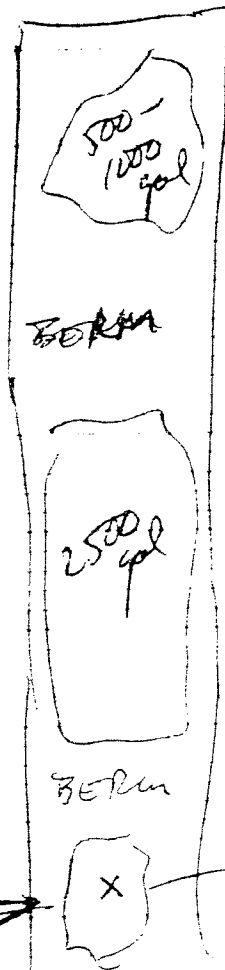
HOLES - WILL SCRAPE OFF TOP 1'

AND KEEP MOVING UNTIL WATER PROBLEM

IS RESOLVED

NEED TO SUCK WATER FROM WEST END
OF PILES SO IT DOESN'T RUN OUT AND TO SOUER

WILL USE PERISTALTIC PUMP AND DRAIN
WATER AND RETURN TO HOLE.



10/23/95

0830

CALIBRATED PID TO 100% ISOBUTYLENE

AIR MONITORING

| TIME | PID (ppm) | DUST mg/m ³ | LOCATION |
|-------|-----------|---------------------------|-----------------------|
| 0835 | 0.0 | - | SITE PERIMETER |
| 0900 | 0.0 | 6.4 | WORK AREA |
| 0930 | 2.4 | - | PILE SURFACE (#2) |
| 0900 | 0.0 | - | SITE PERIMETER |
| 1100 | 4.1 | - | PILE SURFACE (#2) |
| 1100 | 0.0 | 5.2 | SITE PERIMETER |
| 11.50 | 0.0 | - | SITE PERIMETER |
| 12:45 | 0.0 | 6.3 | SITE PERIMETER |
| 12:50 | 3.3 | - | PILE #2 SURFACE |
| 14:55 | 0.0 | 5.5 | SITE PERIMETER |
| 15:15 | 0.0 | - | WORKZONE (EXCAVATION) |

SCRAPED TO BEDROCK AND PILED SOILS TO
ALLOW WATER TO DRAIN OUT

SIM. WETTER

ENVIRONMENTAL SUCS. WILL ARRANGE
FOR DEWATERING OF EXCAVATION THIS
AFTERNOON. - APPROX 3000 gallons
pumped out to DEWATER

END. SUCS WILL HAVE PUMP & TANK FOR
FURTHER DEWATERING THIS WEEK

NOW USING 10 mil BLACK POLY TO
COVER PILES

COMPLETED PILE #2

DEWATERED WEST ENDS OF
PILES W/ WATERFLEX PUMP

10/24/95
0930

B. KRAUER
M. MOORE (DE)
HFD LABOR, OPERATOR, FIREMAN DRIVER
ON SITE

0800 K. M. MINTON ON SITE

LAID OUT DOUBLE PLASTIC LAYER
10 mil under & mil upper
FOR PILE #3

TO FIND OUT SOIL #3 FROM
SOUTH END SAMPLE THIS A.M.

REMOVED MOST OF SOIL
FROM SOUTH END

* M. MOORE WOULD LIKE CONFIRMATORY
SAMPLE FROM DEEPEST POINT
OF WALL @ SOUTH END

PULLED BACK TOP 1-1 1/2'
MATERIAL @ NORTH END TO
BE PUT IN PILE #4
DUG 1 yd³ SUMP TO ALLOW H₂O
COLLECTION

* M. MOORE MAY WANT SAMPLE
OF SEDIMENT FROM EAST
CATCH BASIN @ SOUTH END
B/C DRAIN PIPE FROM R.R.
BED IS CONNECTED TO IT

DID PID MONITORING OF
SIDE STREET EAST OF
SITE NO DETECTS

MAY USE CLAY REMAINING
IN RR BED TO SEAL
POTENTIAL MIGRATORY
PATHWAYS AFTER EXCAVATION
IS CLEANED UP.

HAVE PUMPED ~ 20 gallons
water from bottom ends
of piles #1 & #2 AND
COLLECTED IN DRUM

* MAY SAMPLE WATER FOR
TEL VOC'S

4/24/95

AIR MONITORING

| TIME | PID (ppm) | DUST (Mg/m ³) | LOCATION |
|------|-----------|---------------------------|----------------------|
| 0905 | 0.0 | 5.2 | SITE PERIMETER |
| 0915 | 1.6 | — | PILE #3 SURFACE |
| 0915 | 0.0 | — | WORK ZONE |
| 1010 | 0.0 | 6.5 | SITE PERIMETER |
| 1120 | 0.0 | — | STREET |
| 1130 | 0.0 | 7.1 | SITE PERIMETER |
| 1315 | 0.0 | 6.2 | SITE PERIMETER |
| 1325 | 3.5 | — | SOIL PILE #3 SURFACE |

10/25/95 (2)

0730 B. Foulke (CRA) on-site

HFD - Foreman, operator, laborer, Driver

0800 B. Franer (TT-CRA) on-site

HFD removing soil stockpiled on RR spur

and starting construction of soil pile #4

0830 S. Wehner - Env. Scus on-site

1000 Hoe-Ram delivered to site - HFD

1030 HFD breaking concrete around BH-295
-breaking out a 15x20 ft area1130 Env. Scus. pumped out 250 gals of oil
+ water from sump in excavation (RR spur)1230 HFD excavating soil from around
BH-2951430 PID screening of excavation around
BH-295 indicates that additional soils
to the west need to be removed
additional1530 concrete removed
+ Moore (CRA) on-site.HFD will remove soil and add to pile
tomorrow

1600 HFD off-site

CRA off-site

PCC off-site

10/25/95

| Time | Monitoring | | Location |
|-------|------------|-------------------------|---------------------------------------|
| | As - ppm | Dst - ug/m ³ | |
| 09:00 | 0.0 | 3.5 | work area |
| 09:10 | 0.0 | - | site perimeter |
| 10:00 | 0.0 | 2.3 | work area |
| 11:00 | 0.0 | 95.0 | ent work area while breaking concrete |
| 11:10 | 0.0 | - | site perimeter |
| 12:00 | 0.0 | 3.3 | work area |
| 13:00 | 0.0 | 5.7 | work area |
| 13:10 | 0.0 | - | site perimeter |
| 14:00 | 0.0 | 2.4 | work area |
| 15:00 | 0.0 | 32.4 | work area - breaking concrete |

10/25/95

07:30 B. Faulke - CRA on-site

HFD - Foreman, operator, Laborer + Driver on-site
 CRA Calibrating Instruments
 08:00 HFD Excavating Soil core west of BH-201
 additional

- K. McIntosh (CRA) on-site to Review work

09:30 Env Svcs pumped 50 gals of water out of Sump in RR excavation

- As per K. McIntosh - Soil Remaining in RR spur will be land filled - probably to CMW.

- P. McMahon (CRA) is trying to get roll-offs for soil

- K. McIntosh off-site

Office B. Lees has spoken w/ Ralph Yuro

- As per R. Yuro - Landfill soils remaining w/oils in RR spur

- B. Faulke has instructed HFD to remove additional soils at the south end of RR spur and then start pulling soils, to be land filled, away from building and prepare to load into Roll-offs when they arrive

1000 - 4th and Final SVE Pile completed

- Michael Scarano (CMW) + Mark Braniff (AETS) on-site to inspect mat'l for shipment to Model City

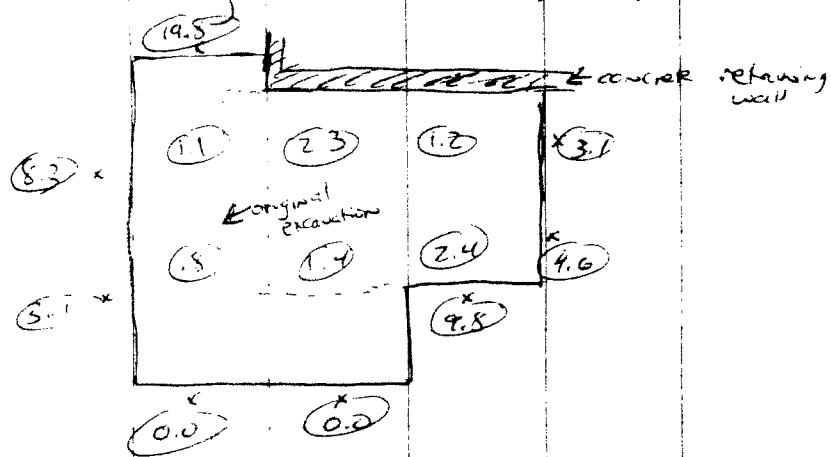
10:30 M. Scarano + M. Braniff off-site after calling K. McIntosh about signatures required

10/26/95

Air Monitoring

| Time | PEO-ppm | Dist-ug/m ³ | Location |
|-------|---------|------------------------|----------------|
| 8:00 | 0.0 | 12.4 | work area |
| 9:00 | 0.0 | 9.6 | work area |
| 09:10 | 0.0 | - | site perimeter |
| 10:00 | 0.0 | 2.4 | work area |
| 11:00 | 0.0 | 4.5 | |
| 11:10 | 0.0 | - | s.k. perimeter |
| 12:00 | | | work area |
| 13:00 | | | work area |
| 13:40 | | | site perimeter |
| 14:00 | | | work area |

oil screening around BH-295 - ppm



10/26/95 (27)

11:00 B. Kramer (TT-CRP) on site
M. Moore (DEC) on site

- Discussing samples to be taken to satisfy NYSDEC request

- 5 samples to be taken:

1 - @ south end wall at lowest point

4 - on the base of excavation

1 @ building

1 @ valve box

1 @ low area

1 @ shot rock

- No samples to be collected from BH-295 area

- ~~DET~~ BTF

- HFD Pulling Soil's South From Building to stockpile For Rofeffs

- Dump truck cleaned w/shovels (bed) and sent off-site - Not needed

11:30 B. Kramer + M. Moore off-site

10/27/95

- B. Kramer (TT-CRA) on-site
- HFD - Foreman, Operator, Laborer
- M. Moore (DEC) on-site

08:30 B. Fentke (CRA) on-site delivering
pellet of line to be mixed with
wet soils prior to shipment to CMM

- 2 loads of crushed stone delivered
- 09:00 1st - 20yd RollOff delivered by CMM
- 09:30 M. Moore (DEC) off-site

11:00 2nd - 20yd RollOff delivered
- 6 additional RollOffs were requested
by CRA yesterday (total)
- M. Scarside (CMM) + B. Larson (CMM)
have assured CRA that 6 rollOffs will
be delivered Monday 10/30/95

- HFD placing absorbent booms + stone
around down slope

3rd HFD placing soil from RR spur excavation
onto plastic for transfer on Monday
to RollOffs

14:00 M. Moore (DEC) on-site

14:30 M. Moore (DEC) off-site after
confirming sample locations
w/ CRA

15:00 CRA collecting samples from
Excavation + water sample from
drummed water collected from six
piles for TEL loc's

| <u>SAMPLE</u> | <u>LOG</u> | <u>Chain # 1258</u> | |
|------------------|-------------|---|------------|
| <u>ID#</u> | <u>Time</u> | <u>Location</u> | <u>Vol</u> |
| W-102745-BTF-001 | 15:00 | Drummed H ₂ O | 2x40ml |
| S-102745-BTF-003 | 15:10 | 30ft South of Bldg | 1x40z |
| S-102745-BTF-004 | 15:20 | - Shot rock area - 100ft South of Bldg. | 1x40z |
| S-102745-BTF-005 | 15:25 | South end | 1x40z |
| " " " " MS/MSD | | South end | 2x40z |
| S-102745-BTF-006 | 15:30 | Duplicate of 005 | 1x40z |
| S-102745-BTF-007 | 15:35 | East sewer catch Basin - 1ft into sediment | 1x40z |

16:00 HFD covering soil stockpile

16:15 HFD > off-site
CRA

10/30/95

07:30 B. Foulke (CRA)

HFD - Foreman, Operator Laborer on-site

- uncovering soil stock pile

- CRA calibrating PFD w/100ppm Isobutylene

calibrating dust monitor

08:00 Cum delivering 2-20yd rolloffs

M. Moore (DOC) on-site

- CRA Air monitoring

08:15 HFD loading rolloffs, w/backhoe,

w/soil from stockpile

- K. McIntosh (CRA) on-site

09:00 K. McIntosh off-site

09:15 M. Moore off-site

09:30 4 rolloffs filled waiting for additional rolloffs

HFD placing stone around SUE piles

10:00 B. Foulke spoke w/K. McIntosh + B. Krueger

about quantity of soil to be shipped to Model

city, could exceed 150 tons, soil has dried

out since molding time on Friday 10/27

Air Monitoring

(3)

| Time | PID | Dust ug/m ³ | Location |
|-------|-----|------------------------|----------------|
| 08:00 | 0.0 | 4.3 | work area |
| 08:10 | 0.0 | - | Site perimeter |
| 09:00 | 0.0 | 2.2 | work area |
| 10:00 | 0.0 | 2.0 | work area |
| 11:00 | 0.0 | 2.3 | work area |
| 12:00 | 0.0 | 1.6 | work area |
| 13:00 | 0.0 | 1.5 | work area |
| 14:00 | 0.0 | | work area |
| 15:00 | 0.0 | | work area |

10/31/95

CRA has directed HFD to construct
- A 5m SVE pile will be constructed from
soil that has dried out and does not
contain a large quantity of oil/water, to
reduce quantity of soil sent to CWM

11:30 - 2 -20yd rolloffs delivered by Cwm

12:30 2-20yd rolloffs delivered by Cwm -
8 rolloffs on-site

13:00 HFD placing soil in rolloffs and
on SVE pile according to moisture
content + color (black in rolloffs)

13:50 7 rolloffs filled

14:00 B. Foulke called K. McIntosh to get
approval to order 2 additional rolloffs

- CK'd, B. Foulke called B. Larson @ Cwm
rolloffs #255565 items 1+2 probably not until 11/1/95
14:15 B. Krane on-site (15 minutes)

14:30 8 rolloffs filled

15:30 SVE pile covered + stampile covered

16:00 HFD + CRA off-site

10/31/95 C

07:30 B. Foulke (CRA) on-site

HFD - Foreman, Operator, Laborer

- HFD is placing a grading bucket on
rubber tired backhoe to excavate soil
between building and concrete barrier
(≈ 3 Ft south of building)

- HFD cleaning track-hoe for demoh

08:30 M. Moore (DEC) on-site

CRA

- Reviewed work - completed - informed
M. Moore that 8 rolloffs have been filled
and 2 more were to be delivered by
Cwm today or tomorrow and;

- While loading rolloffs yesterday, enough
suitable matl was encountered to
construct a 5m SVE pile - ~~24~~ 25 ft long
($\frac{1}{2}$ the length of the other 4)

09:15 M. Moore off-site

09:30 Cwm delivering one -20yd rolloffs

10:00 HFD has completed cleaning track hoe
and is ready to ship it off-site

- Cwm spotting filled rolloffs in U-bratech
parking lot

- ERA informed Cwm that the hydraulic
fluid was leaking on the truck

- CRA spread speedily dry and Cwm will
have leaks repaired before returning w/2nd
rolloff

10/3/95

10:10 HFD loading CAT 225 onto a body
trailer to return

10:40 CAT 225 offsite, 2 rubber-tire buckets
remaining
- HFD preparing to excavate soil adjacent
to building

11:00 HFD starting to excavate soil

11:15 Excavation to bedrock - laborer is
hand digging to clear area
- Excavation to rock ~~nothing to sample~~ BTF

11:30 CRA collected a sample of clay from
northeast corner adjacent to ~~structure~~ Building
Sample ID: S-103195-BTF 008
Time 11:30
Q Vol - 1x4oz jar
CRA -

12:30 CWM delivering and 20yd rolloff - 10 total
- HFD placing crushed stone on bedrock
today to increase traction

Air Monitoring (while excavating) (3)

| Time | PIO | Dust | Location |
|-------|--------|------|-----------|
| 11:00 | 2.0ppm | 18.3 | work area |
| 12:00 | 0.0ppm | 12.2 | " " |
| 13:00 | 0.0ppm | 3.4 | " " |

14:00 HFD has completed cleaning base of
excavation

14:40 2 rolloffs delivered today have been
filled - ~~2x4~~ 6-8 yds of soil remains
to be loaded

CRA called CWM and ordered 1 more rolloff
#258900

15:00 CRA offsite to deliver sample
- HFD cleaning up site

11/1/93

07:30 HFD Operator + Laborer on-site
cleaning up equipment to be demolished today

07:45 B. Feltre (CRA) on-site, called cum
about roll-off cum said it was on the way

09:00 HFD tractor trailer and truck on-site
- loading equipment to return to yard
- HFD changing flat tire on low-boy trailer

09:45 1-2000s roll-off delivered by cum
- D. Bhl (HFD) on-site

10:15 Roll-off Filled - 11 total - all dirt
has been loaded for disposal
- B. Feltre (CRA) on-site
- HFD cleaning backhoe

11:15 ~~D. Bhl off-site~~ BT

- Tractor-trailer ^{truck} w/ 1 rubber tired backhoe
and misc equipment off-site

12:30 CRA off-site to pick up SVE parts

13:30 CRA on-site starting to assemble
SVE

14:30 HFD off-site

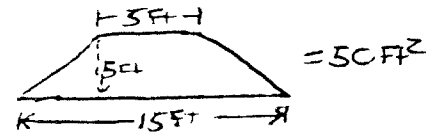
16:00 CRA off-site

SOIL VOLUME

SVE Piles

4 - 75 Ft long

1 - 45 Ft long



75 Ft long x 50 FT² = 3750 Ft³ / 27 ft³/yd = 139 yds

45 Ft long x 50 FT² = 83 yds.

Total yds of SVE soil = 640 yds

Roll-offs

11 roll-offs, each contain 10-12 yds x 120 yds

11/2/45

1300 B. Faulke, B. Kraner on-site to
assemble SVE system

- HFD has picked up the Ford rubber
tired backhoe, site trailer is only
piece of equipment left on site

1630 B. Faulke, B. Kraner off-site

11/3/45 (3)

0830 B. Faulke on-site

0900 B. Kraner on-site

- Assembling SVE system

11/6/45

13.3' B Fc. H₂O, 3 K₂Cr₂O₇ waste

- complete SVE setup

15:10 Start System

* CHART IN BACK OF BOOK

| Date | Time | Blower dia | ΔP | Flow | K/O Pot Vac | Blower Exhaust | | Line A | | Line B | |
|----------|-----------------------------------|------------|-----------------------|--------------|-----------------------|----------------|--|---------------------------------|--------------------|-------------------|--------------------|
| | | | | | | PID | Drager | middle PID/Drager | exhaust PID/Drager | middle PID/Drager | exhaust PID/Drager |
| 11/6/45 | 15:10 | 5101.47 | 1.4" H ₂ O | 150 CFM | 5.5" H ₂ O | 59.9 | 20 ppm | 19.9/- | 0.0/- | 12.2/- | 0.0/- |
| 11/7/45 | 16:25 | 5126.79 | 1.2 | 130 CFM | 4.5" H ₂ O | - | 15 | -/ND | -/ND | -/ND | -/ND |
| 11/8/45 | 16:30 | 5150.93 | 1.2 | 130 | 4.5 | 39.4 | 10 ppm | 0.5/ND | 0.0/ND | 0.0/ND | 0.0/ND |
| 11/9/45 | 14:35 | 5172.96 | 1.5 w/o filter | 160 | 6.5 | 31.4 | 8 | 1.5/ND | 0.2/ND | 2.2/ND | 0.0/ND |
| 11/9/45 | 14:15 | 5176.74 | 1.5 elements | 160 | 6.5 | 30.0 | 7 | 1.6/ND | 0.6/ND | 1.3/ND | 0.5/ND |
| 11/13/45 | 14:20 | 5243.09 | NOT RUNNING | K/O POT FOLL | | 28.2 | 5 | ← BURNED SYSTEM TO GET READINGS | | | |
| 11/14 | RESTARTED SYSTEM AFTER INSTALLING | | | | | PUMP | TO TRANSFER H ₂ O FROM K/O POT TO 55 gal Drum | | | | |
| 11/17 | 15:30 | 5335.10 | 1.5 | 160 | 6.5 | 28.4 | 4 | 3.1/ND | 3.6/ND | 2.8/ND | 2.1/ND |
| 11/21 | 15:10 | 5431.17 | 1.6 | 165 | 5.5 | 26.8 | 4 | - | - | - | - |
| 12/1 | 08:55 | 5664.78 | 1.6 | 165 | 5.5 | - | 3 | - | - | - | - |
| 12/7 | 17:00 | 5817.17 | 1.6 | 165 | 5.5 | 20 | 3 | - | - | - | - |
| 12/13 | 16:30 | 5960.48 | 1.6 | 165 | 5.5 | 18 | 2 | - | - | - | - |
| 12/22 | 08:35 | 6064.81 | 1.4 | 150 | FROZEN | 27.7 | 2 | 0.0/- | 0.0/- | 0.0/- | 0.0/- |