# APPENDIX C

## Air Monitoring Report by Eagle Environmental Health, Inc.

November 15, 1991

EAGLE ENVIRONMENTAL HEALTH, INC.

Mr. Brent Jones
Southwest Construction Managers, Inc.
16000 Memorial Drive
Houston, Texas 77079

Project No. 0012.0001
Rink Corporation
PCB Soil Remediation

Dear Mr. Jones:

At your request, Eagle Environmental Health, Inc. (Eagle), conducted air monitoring for polychlorobiphenyls (PCB's) during soil remediation at the former Rink Corporation site in Sealy, Texas, between August 26, 1991, and October 7, 1991. Three employees were monitored while conducting various soil remediation activities on days when air releases were believed to be possible due to either site conditions or work which was scheduled to occur that day.

Methodology

David Espinoza, Industrial Hygiene Technician, conducted personal exposure air monitoring for PCB's by National Institute or Occupational Safety and Health (NIOSH) Method 5503. This method is found in Attachment 1, "NIOSH Method 5503, PCB." The NIOSH Method 5503 utilizes a personal sampling pump to pull a precisely known volume of air through a 13mm, glass fiber filter and a glass tube containing solid florisil sorbent at a flow rate of approximately 0.2 liters per minute. Full shift (approximately eight hours) Time-Weighted Average (TWA) samples were collected on Tricil employees performing various tasks: backhoe operation, front end loader operation, yard labor and weight scales operation. Details of the monitoring can be found in Attachment 2, "Industrial Hygiene Information."

A total of seventy-three samples and eight field blanks were collected during the project. The samples were shipped periodically throughout the project under standard chain-of-custody to CTek Laboratories in Dallas, Texas and analyzed for PCB's.

Laboratory analysis reports and complete chain-of-custody forms can be found in Attachment 3, "Laboratory Reports and Chain-of-Custody."

0001.001

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Results

The results of the seventy-three samples and eight field blanks submitted to the laboratory were found to be below the limit of quantification for the method which ranged from 0.33 - 0.55 ug/$m^3$, and therefore below the United States Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) of 0.5 mg/$m^3$ for PCB's containing 54% Chlorine and 1.0 mg/$m^3$ for PCB's containing 42% Chlorine.

Conclusion

Exposures to PCB's in this survey were found to be well below the OSHA PEL.

Results of air monitoring must be communicated to monitored employees within fifteen days of the receipt of results and records of employee exposure must be maintained for at least 30 years.

Thank you for the opportunity to work with you on this interesting project. If you have any questions, please call me at (713) 850-9990.

Very truly yours,

EAGLE ENVIRONMENTAL HEALTH, INC.

David Espinoza
Industrial Hygiene Technician

Deanna M. Pursley, M.S., IHIT
Industrial Hygienist

Attachment 1 - NIOSH Method 5503
Attachment 2 - Industrial Hygiene Information
Attachment 3 - Laboratory Analysis and Chain-of-Custody Forms

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ATTACHMENT 1

NIOSH Method 5503

FORMULA: mixture: $C_{12}H_{10-x}Cl_x$
[where x = 1 to 10]
M.W.: ca. 258 (42% Cl ; $C_{12}H_7Cl_2$);
ca. 326 (54% Cl ; $C_{12}H_5Cl_5$)

POLYCHLOROBIPHENYLS
METHOD: 5503
ISSUED: 2/15/84
REVISION #1: 8/15/87

OSHA: 1 mg/m³ (42% Cl);
0.5 mg/m³ (54% Cl)
NIOSH: 0.001 mg/m³ [1,2]
ACGIH: 1 mg/m³ (42% Cl); STEL 2 mg/m³
0.5 mg/m³ (54% Cl); STEL 1 mg/m³
(skin)

PROPERTIES:
42% Cl: BP 325 to 366 °C; MP -19 °C;
d 1.38 g/mL @ 25 °C;
VP 0.01 Pa (8 x $10^{-5}$ mm Hg;
1 mg/m³) @ 20 °C [3]
54% Cl: BP 365 to 390 °C; MP 10 °C;
d 1.54 g/mL @ 25 °C;
VP 0.0004 Pa (3 x $10^{-6}$ mm Hg;
0.05 mg/m³) @ 20 °C [3,4]

SYNONYMS: PCB; CAS #1336-36-3; 1,1'-biphenyl chloro (CAS #27323-18-8); chlorodiphenyl, 42% Cl (Aroclor 1242; CAS #53469-21-9), and 54% Cl (Aroclor 1254; CAS #11097-69-1)

## SAMPLING

SAMPLER: FILTER + SOLID SORBENT
(13-mm glass fiber + Florisil,
100 mg/50 mg)

FLOW RATE: 0.05 to 0.2 L/min or less

VOL-MIN: 1 L @ 0.5 mg/m³
-MAX: 50 L

SHIPMENT: transfer filters to
glass vials after sampling

SAMPLE STABILITY: unknown for filters;
2 months for Florisil
tubes [5]

BLANKS: 10% of samples

## ACCURACY

RANGE STUDIED: not studied

BIAS: none identified

OVERALL PRECISION ($s_r$): not evaluated

## MEASUREMENT

TECHNIQUE: GAS CHROMATOGRAPHY, ECD ($^{63}$Ni)

ANALYTE: polychlorobiphenyls

DESORPTION: filter + front section, 5 mL hexane;
back section, 2 mL hexane

INJECTION VOLUME: 4 µL with 1-µL backflush

TEMPERATURE-INJECTION: 250 - 300 °C
-DETECTOR: 300 - 325 °C
-COLUMN: 180 °C

CARRIER GAS: $N_2$, 40 mL/min

COLUMN: glass, 1.8 m x 2 mm ID, 1.5% OV-17/1.95%
QF-1 on 80/100 mesh Chromosorb WHP

CALIBRATION: standard PCB mixture in hexane

RANGE: 0.4 to 4 µg per sample [6]

ESTIMATED LOD: 0.03 µg per sample [6]

PRECISION ($s_r$): 0.044 [5]

APPLICABILITY: The working range is 0.01 to 10 mg/m³ for a 40-L air sample [5]. With modifications, surface wipe samples may be analyzed [7,8].

INTERFERENCES: Chlorinated pesticides, such as DDT and DDE, may interfere with quantitation of PCB. Sulfur-containing compounds in petroleum products also interfere [9].

OTHER METHODS: This method revises Methods S120 [10], 5503 (dated 2/15/84), and P&CAM 244 [5]. Methods S121 [11] and P&CAM 253 [12] for PCB have not been revised.

REAGENTS:

1. Hexane, pesticide quality.
2. Florisil, 30/48 mesh sieved from 30/60 mesh. After sieving, dry at 105 °C for 45 min. Mix the cooled Florisil with 3% (w/w) distilled water.
3. Nitrogen, purified.
4. Stock standard solution of the PCB in methanol or isooctane (commercially available).*

*See SPECIAL PRECAUTIONS.

EQUIPMENT:

1. Sampler: 13-mm glass fiber filter without binders in a Swinnex cassette (Cat. No. SX 0001300, Millipore Corp.) followed by a glass tube, 7 cm long, 6 mm OD, 4 mm ID containing two sections of 30/48 mesh deactivated Florisil. The front section is preceded by glass wool and contains 100 mg and the backup section contains 50 mg; urethane foam between sections and behind the backup section. Join the cassette and Florisil tube with PVC tubing, 3/8" L x 9/32" OD x 5/32" ID, on the outlet of the cassette and with another piece of PVC tubing, 3/4" L x 5/16" OD x 3/16" ID, complete the union.
2. Personal sampling pump, 0.05 to 0.2 L/min, with flexible connecting tubing.
3. Tweezers.
4. Vials, glass, 4- and 7-mL, with aluminum or PTFE-lined caps.
5. Gas chromatograph, electron capture detection ($^{63}$Ni), integrator and column (page 5503-1).
6. Volumetric flasks, 10-mL and other convenient sizes for preparing standards.
7. Syringe, 10-µL.

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SPECIAL PRECAUTIONS: Avoid prolonged or repeated contact of skin with PCB and prolonged or repeated breathing of the vapor [1,2,13].

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SAMPLING:

1. Calibrate each personal sampling pump with a representative sampler in line.
2. Break the ends of the Florisil tube immediately before sampling. Connect Florisil tube to Swinnex cassette and attach sampler to personal sampling pump with flexible tubing.
3. Sample at an accurately known flow rate between 0.05 and 0.2 L/min for a total sample size of 1 to 50 L.

   NOTE: At low PCB concentrations, the sampler was found to be efficient when operated at flow rates up to 1 L/min, for 24 hours [8]. Under these conditions, the limit of detection was 0.02 µg/m$^3$.
4. Transfer the glass fiber filters to 7-mL vials. Cap the Florisil tubes with plastic (not rubber) caps and pack securely for shipment.

SAMPLE PREPARATION:

5. Place the glass wool and 100-ml Florisil bed in the same 7-mL vial in which the filter was stored. Add 5.0 mL hexane.

   NOTE: For surface wipe samples, extract each gauze pad with 25 mL hexane [7].
6. In a 4 mL vial, place the 50-mg Florisil bed including the two urethane plugs. Add 2.0 mL hexane.
7. Allow to stand 20 min with occasional agitation.

[2] Current Intelligence Bulletin 7, Polychlorinated Biphenyls (PCBs), U.S. Department of Health and Human Services, Publ. (NIOSH) 78-127 (1975).
[3] Hutzinger, O. S. Safe and V. Zitko. The Chemistry of PCBs, CRC Press, Inc., Cleveland, OH (1974).
[4] Foreman, W. T., and T. F. Bidleman, "Vapor Pressure Estimates of Individual Polychlorinated Biphenyls and Commercial Fluids Using Gas Chromatographic Retention Data," J. Chromatogr. 330: 203-216 (1985).
[5] NIOSH Manual of Analytical Methods, 2nd. ed., V. 1, P&CAM 244, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-A (1977).
[6] User check, Southern Research Institute, NIOSH Sequence #4121-U (unpublished, January 25, 1984).
[7] Kominsky, J. Applied Ind. Hyg. 1 (4): R-6 (1986).
[8] NIOSH Health Hazard Evaluation Report, HETA 85-289-1738 (unpublished, 1986).
[9] Hofstader, R. A., C. A. Bache, and D. J. Lisk. Bull. Environ. Contam. Toxicol., 11:136 (1974).
[10] NIOSH Manual of Analytical Methods, 2nd ed., V. 4, S120, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 78-175 (1978).
[11] Ibid, V. 2, S121, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-B (1977).
[12] Ibid, Vol. 1, P&CAM 253.
[13] Occupational Diseases, A Guide to Their Recognition, revised ed., 255-256, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-181 (1978).
[14] Dunker, J. C. and M. T. J. Hillebrand. Characterization of PCB Components in Clophen Formulations by Capillary GC-MS and GC-ECD Techniques, Environ. Sci. Technol., 17 (8), 449-456 (1983).
[15] Backup Data Report for S120, prepared under NIOSH Contract 210-76-0123, available as "Ten NIOSH Analytical Methods, Set 2," Order No. Pb 271-464 from NTIS, Springfield, VA 22161.
[16] NIOSH Research Report-Development and Validation of Methods for Sampling and Analysis of Workplace Toxic Substances, U.S. Department of Health and Human Services, Publ. (NIOSH) 80-133 (1980).

METHOD REVISED BY: James E. Arnold, NIOSH/DPSE; S120 originally validated under NIOSH Contract 210-76-0123.

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Table 1. Composition of some Aroclors [3].

| Major Components | Aroclor 1016 | Aroclor 1242 | Aroclor 1254 |
|---|---|---|---|
| Biphenyl | 0.1% | <0.1% | <0.1% |
| Monochlorobiphenyls | 1 | 1 | <0.1 |
| Dichlorobiphenyls | 20 | 16 | 0.5 |
| Trichlorobiphenyls | 57 | 49 | 1 |
| Tetrachlorobiphenyls | 21 | 25 | 21 |
| Pentachlorobiphenyls | 1 | 8 | 48 |
| Hexachlorobiphenyls | <0.1 | 1 | 23 |
| Heptachlorobiphenyls | none detected | <0.1 | 6 |
| Octachlorobiphenyls | none detected | none detected | none detected |

CALIBRATION AND QUALITY CONTROL:

8. Calibrate daily with at least five working standards over the range 10 to 500 ng PCB/mL.
   a. Add known amounts of stock standard solution to hexane in 10-mL volumetric flasks and dilute to the mark.
   b. Analyze together with samples and blanks (steps 11 and 12).
   c. Prepare calibration graph (sum of areas of selected peaks vs. ng PCB/mL).
9. Determine desorption efficiency (DE) at least once for each lot of glass fiber filters and Florisil used for sampling in the calibration range (step 8). Prepare three tubes at each of five levels plus three media blanks.
   a. Remove and discard back sorbent section of a media blank Florisil tube.
   b. Inject known amounts of stock standard solution directly onto front sorbent section and onto a media blank filter with a microliter syringe.
   c. Cap the tube. Allow to stand overnight.
   d. Desorb (steps 5 through 7) and analyze together with working standards (steps 11 and 12).
   e. Prepare a graph of DE vs. µg PCB recovered.
10. Analyze three quality control blind spikes and three analyst spikes to ensure that the calibration graph and DE graph are in control.

MEASUREMENT:

11. Set gas chromatograph according to manufacturer's recommendations and to conditions given on page 5503-1. Inject sample aliquot manually using solvent flush technique or with autosampler.
    NOTE 1: Where individual identification of PCB is needed, a procedure using a capillary column may be used [14].
    NOTE 2: If peak area is above the linear range of the working standards, dilute with hexane, reanalyze and apply the appropriate dilution factor in calculations.
12. Sum the areas for five or more selected peaks.

CALCULATIONS:

13. Determine the mass, ng (corrected for DE) of PCB found on the glass fiber filter (w) and in the Florisil front ($W_f$) and back ($W_b$) sorbent sections, and in the average media blank filter (B) and front ($B_f$) and back ($B_b$) sorbent sections.
    NOTE: If $W_b > W_f/10$, report breakthrough and possible sample loss.
14. Calculate concentration, C, of PCB in the air volume sampled, V (L):

$$C = \frac{(W + W_f + W_b - B - B_f - B_b) \cdot 10^{-9}}{V}, \text{ mg/m}^3.$$

EVALUATION OF METHOD:

This method uses 13-mm glass fiber filters which have not been evaluated for collecting PCB. In Method S120, however, Aroclor 1242 was completely recovered from 37-mm glass fiber filters using 15 mL isooctane [12,15,16]. With 5 mL of hexane, Aroclor 1016 was also completely recovered from 100-mg Florisil beds after one-day storage [5]. Thus, with no adsorption effect likely on glass fiber filters for PCB, 5 mL hexane should be adequate to completely extract PCB from combined filters and front sorbent sections. Sample stability on glass fiber filters has not been investigated. Breakthrough volume was >48 L for the Florisil tube at 75% RH in an atmosphere containing 10 mg/m³ Aroclor 1016 [5].

REFERENCES:

[1] Criteria for a Recommended Standard...Occupational Exposure to Polychlorinated Biphenyls, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-225 (1977).

ATTACHMENT 2

Industrial Hygiene Information

0001.001

Sampler's Name: David Espinoza

Project #: 0012.0001

AIR MONITORING DATA SHEET

| Sample Number | Date (MM/DD/YY) | Area or Personnel Name | S.S. No. | Pump/ Manifold | Flow Rate S.O.D. (L/min) | Flow Rate E.O.D. (L/min) | Average Flow Rate (L/min) | Time On | Time Off | Elapsed Time | Sample Volume (L) | Sample Media | ID or Lot | Analyze For | Analysis Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8-26-91 | Ray Wilson | 431-32-8846 | 338-14 | 0.2038 | 0.1789 | 0.1914 | 07:59 | 16:00 | 08:01 | 92.04 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 2 | | Jose Gonzales | 449-95-0246 | 340-17 | 0.2020 | 0.1880 | 0.1950 | 08:01 | 16:03 | 08:02 | 93.99 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 3 | | Jose Ranquel | 454-89-9442 | 340-22 | 0.2017 | 0.1793 | 0.1905 | 08:27 | 16:27 | 08:00 | 91.44 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 4 | 8-27-91 | Ray Wilson | 431-32-8846 | 340-10 | 0.2023 | 0.1817 | 0.1920 | 07:19 | 15:23 | 08:04 | 92.93 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 5 | | Jose Gonzales | 449-95-0246 | 340-23 | 0.1996 | 0.1833 | 0.1915 | 07:17 | 15:23 | 08:06 | 93.04 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 6 | | Jose Ranquel | 454-89-9442 | 340-22 | 0.1793 | 0.1691 | 0.1742 | 07:16 | 15:24 | 08:08 | 85.01 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 7 | 8-28-91 | Ray Wilson | 431-32-8846 | 338-14 | 0.1857 | 0.1841 | 0.1849 | 07:11 | 15:14 | 08:03 | 89.31 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 8 | | Jose Gonzales | 449-95-0246 | 340-17 | 0.1896 | 0.1919 | 0.1908 | 07:08 | 15:09 | 08:01 | 91.75 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 9 | | Jose Ranquel | 454-89-9442 | 340-22 | 0.1791 | 0.1772 | 0.1782 | 07:06 | 15:06 | 08:00 | 85.51 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 10 | | field blank | | | | | | | | | | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 11 | 8-29-91 | Jose Gonzales | 449-95-0246 | 340-10 | 0.1948 | 0.1956 | 0.1952 | 07:16 | 15:28 | 08:12 | 96.04 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 12 | | Jose Ranquel | 454-89-9442 | 340-23 | 0.1897 | 0.1859 | 0.1878 | 07:15 | 15:31 | 08:16 | 93.15 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| ~~13~~ | | Leroy Gonzales | 459-25-9466 | 340-22 | 0.1791 | 0.1791 | 0.1791 | 07:17 | 13:29 | 06:12 | 66.63 | GFF & Florisil | | PCB's | NIOSH 5503 | *pump fault* |
| 14 | 8-30-91 | Ray Wilson | 431-32-8846 | 340-10 | 0.1956 | 0.1947 | 0.1952 | 07:08 | 15:10 | 08:02 | 94.06 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 15 | | Jose Gonzales | 449-95-0246 | 340-17 | 0.1967 | 0.1951 | 0.1959 | 07:09 | 15:10 | 08:01 | 94.23 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 16 | | Jose Ranquel | 454-89-9442 | 340-23 | 0.1859 | 0.1843 | 0.1851 | 07:11 | 15:11 | 08:00 | 88.85 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 17 | 9-3-91 | Ray Wilson | 431-32-8846 | 340-22 | 0.2018 | 0.1803 | 0.1911 | 07:32 | 15:20 | 07:48 | 89.41 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 18 | | Brian Owsley | 363-88-1176 | 340-14 | 0.1983 | 0.1782 | 0.1883 | 07:32 | 14:36 | 07:04 | 79.82 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 19 | | H.S. Mann | 461-43-1168 | 340-23 | 0.1892 | 0.1762 | 0.1827 | 07:35 | 15:20 | 07:45 | 84.96 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 20 | 9-4-91 | field blank | | | | | | | | | | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 21 | | Brian Owsley | 363-88-1176 | 340-17 | 0.1967 | 0.1773 | 0.1870 | 07:20 | 13:39 | 06:19 | 70.87 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 22 | | Ray Wilson | 431-32-8846 | 340-10 | 0.1960 | 0.1889 | 0.1925 | 07:19 | 13:45 | 06:26 | 74.29 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 23 | | H.S. Mann | 461-43-1168 | 338-14 | 0.2069 | 0.1842 | 0.1956 | 07:26 | 13:49 | 06:23 | 74.90 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 24 | 9-5-91 | Ray Wilson | 431-32-8846 | 340-22 | 0.1916 | 0.1780 | 0.1848 | 08:45 | 15:19 | 06:34 | 72.81 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 25 | | Jesus Rodriguez | 459-83-5137 | 340-23 | 0.1905 | 0.1748 | 0.1827 | 07:21 | 15:07 | 07:46 | 85.11 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 26 | | H.S. Mann | 461-43-1168 | 338-14 | 0.1914 | 0.1737 | 0.1826 | 07:15 | 15:09 | 07:54 | 86.53 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| ~~27~~ | 9-7-91 | Ray Wilson | 431-32-8846 | 340-10 | 0.1970 | 0.1908 | 0.1939 | 07:14 | 15:47 | 08:33 | 99.47 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| ~~28~~ | | Brian Owsley | 363-88-1176 | 340-17 | 0.2003 | 0.1894 | 0.1949 | 07:16 | 09:24 | 02:08 | 24.94 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 29 | | H.S. Mann | 461-43-1168 | 340-23 | 0.1917 | 0.1838 | 0.1878 | 07:17 | 15:44 | 08:27 | 95.19 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 30 | 9-9-91 | Ray Wilson | 431-32-8846 | 340-22 | 0.1853 | 0.1793 | 0.1823 | 07:19 | 15:23 | 08:04 | 88.23 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 31 | | Jesus Rodriguez | 459-83-5137 | 338-14 | 0.1835 | 0.1783 | 0.1809 | 07:24 | 15:25 | 08:01 | 87.01 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 32 | | H.S. Mann | 461-43-1168 | 340-23 | 0.1804 | 0.1679 | 0.1742 | 07:25 | 15:28 | 08:03 | 84.11 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 33 | | field blank | | | | | | | | | | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 34 | 9-10-91 | Doug Meyers | 453-53-0154 | 340-17 | 0.1928 | 0.1889 | 0.1909 | 07:09 | 13:50 | 06:41 | 76.53 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 35 | | Jesus Rodriguez | 459-83-5131 | 340-10 | 0.1960 | 0.1799 | 0.1880 | 07:07 | 13:50 | 06:43 | 75.74 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 36 | | H.S. Mann | 461-43-1168 | 338-14 | 0.1835 | 0.1781 | 0.1808 | 07:06 | 13:51 | 06:45 | 73.22 | GFF & Florisil | | PCB's | NIOSH 5503 | |
| 37 | 9-11-91 | Ray Wilson | 431-32-8846 | 340-22 | 0.1884 | 0.1796 | 0.1840 | 07:17 | 15:06 | 07:49 | 86.30 | GFF & Florisil | | PCB's | NIOSH 5503 | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | | Leroy Gonzales | 459-25-9466 | 340-23 | 0.1836 | 0.1699 | 0.1768 | 07:20 | 14:57 | 07:37 | 80.77 | GFF & Florisil | PCB's | NIOSH 5503 | |
| ~~39~~ | | H.S. Mann | 461-43-1168 | 338-14 | 0.1781 | | 0.1781 | 07:19 | 00:00 | ******* | ERR | GFF & Florisil | PCB's | NIOSH 5503 | |
| 40 | 9-12-91 | Brian Owsley | 363-88-1176 | 340-17 | 0.2020 | 0.1867 | 0.1944 | 08:37 | 15:47 | 07:10 | 83.57 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 41 | | H.S. Mann | 461-43-1168 | 340-10 | 0.1916 | 0.1801 | 0.1859 | 08:37 | 15:31 | 06:54 | 76.94 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 42 | | Jesus Rodriguez | 459-83-5137 | 340-22 | 0.2011 | 0.1777 | 0.1894 | 08:39 | 15:29 | 06:50 | 77.65 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 43 | | field blank | | | | | | | | | | GFF & Florisil | PCB's | NIOSH 5503 | |
| ~~44~~ | 9-13-91 | Ray Wilson | 431-32-8846 | 338-14 | 0.1908 | 0.1762 | 0.1835 | 07:11 | 15:07 | 07:56 | 87.35 | GFF & Florisil | PCB's | NIOSH 5503 | *pump fault* |
| 45 | | Jesus Rodriguez | 459-83-5137 | 340-23 | 0.1792 | 0.1791 | 0.1792 | 07:12 | 15:08 | 07:56 | 85.28 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 46 | | H.S. Mann | 461-43-1168 | 340-22 | 0.1893 | 0.1706 | 0.1800 | 07:10 | 15:10 | 08:00 | 86.38 | GFF & Florisil | PCB's | NIOSH 5503 | |
| ~~47~~ | | Ray Wilson | 431-32-8846 | 340-17 | 0.1988 | 0.1925 | 0.1957 | 07:13 | 10:36 | 03:23 | 39.72 | GFF & Florisil | PCB's | NIOSH 5503 | |
| ~~48~~ | | Brian Owsley | 363-88-1176 | 340-10 | 0.1959 | 0.1905 | 0.1932 | 07:13 | 10:36 | 03:23 | 39.22 | GFF & Florisil | PCB's | NIOSH 5503 | |
| ~~49~~ | | Jesus Rodriguez | 459-83-5137 | 340-23 | 0.1855 | 0.1826 | 0.1841 | 07:15 | 10:36 | 03:21 | 36.99 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 50 | 9-18-91 | H.S. Mann | 461-43-1168 | 340-23 | | 0.1774 | 0.1774 | 07:42 | 14:37 | 06:55 | 73.62 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 51 | | Ray Wilson | 431-32-8846 | 340-17 | | 0.1873 | 0.1873 | 07:43 | 14:38 | 06:55 | 77.73 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 52 | | Jesus Rodriguez | 459-83-5137 | 340-10 | | 0.1876 | 0.1876 | 07:42 | 14:37 | 06:55 | 77.85 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 53 | 9-19-91 | Brian Owsley | 363-88-1176 | 338-14 | 0.1883 | 0.1806 | 0.1845 | 09:46 | 15:25 | 05:39 | 62.53 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 54 | | Jesus Rodriguez | 459-83-5137 | 340-22 | 0.1902 | 0.1801 | 0.1852 | 07:30 | 15:23 | 07:53 | 87.58 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 55 | | H.S. Mann | 461-43-1168 | 340-23 | 0.1853 | 0.1831 | 0.1842 | 07:10 | 15:30 | 08:20 | 92.10 | GFF & Florisil | PCB's | NIOSH 5503 | |
| ~~56~~ | 9-20-91 | Brian Owsley | 363-88-1176 | 340-10 | 0.1959 | | 0.1959 | 07:16 | 09:16 | 02:00 | ~~23.51~~ | GFF & Florisil | PCB's | NIOSH 5503 | |
| 57 | | H.S. Mann | 461-43-1168 | 340-17 | 0.1987 | 0.1822 | 0.1905 | 07:15 | 15:09 | 07:54 | 90.27 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 58 | | Jesus Rodriguez | 459-83-5137 | 340-22 | 0.1995 | 0.1830 | 0.1913 | 07:17 | 15:08 | 07:51 | 90.08 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 59 | | field blank | | | | | | | | | | GFF & Florisil | PCB's | NIOSH 5503 | |
| 60 | 9-24-91 | Ray Wilson | 431-32-8846 | 338-14 | 0.1907 | 0.1779 | 0.1843 | 07:33 | 14:22 | 06:49 | 75.38 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 61 | | Jesus Rodriguez | 459-83-5137 | 340-23 | 0.1937 | 0.1786 | 0.1862 | 07:45 | 14:22 | 06:37 | 73.90 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 62 | | H.S. Mann | 461-43-1168 | 340-22 | 0.2021 | 0.1782 | 0.1902 | 07:53 | 14:22 | 06:29 | 73.97 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 63 | 9-25-91 | Jesus Rodriguez | 459-83-5137 | 340-10 | 0.1692 | 0.1706 | 0.1699 | 07:22 | 15:06 | 07:44 | 78.83 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 64 | | Brian Owsley | 363-88-1176 | 340-17 | 0.1941 | 0.1823 | 0.1882 | 07:23 | 15:08 | 07:45 | 87.51 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 65 | | H.S. Mann | 461-43-1168 | 340-22 | 0.2015 | 0.1821 | 0.1918 | 07:28 | 15:10 | 07:42 | 88.61 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 66 | 9-26-91 | Jesus Rodriguez | 459-83-5137 | 338-14 | 0.1914 | 0.1789 | 0.1852 | 07:30 | 15:21 | 07:51 | 87.21 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 67 | | H.S. Mann | 461-43-1168 | 340-23 | 0.1899 | 0.1818 | 0.1859 | 07:30 | 15:19 | 07:49 | 87.16 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 68 | 9-27-91 | Jesus Rodriguez | 459-83-5137 | 340-10 | 0.1834 | 0.1615 | 0.1725 | 07:27 | 15:00 | 07:33 | 78.12 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 69 | | H.S. Mann | 461-43-1168 | 340-17 | 0.1969 | 0.1751 | 0.1860 | 07:27 | 14:58 | 07:31 | 83.89 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 70 | | Ray Wilson | 431-32-8846 | 340-22 | 0.1945 | 0.1794 | 0.1870 | 07:28 | 15:04 | 07:36 | 85.25 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 71 | | field blank | | | | | | | | | | GFF & Florisil | PCB's | NIOSH 5503 | |
| ~~72~~ | 9-28-91 | H.S. Mann | 461-43-1168 | 340-23 | 0.1895 | 0.1858 | 0.1877 | 07:20 | 11:19 | 03:59 | ~~44.85~~ | GFF & Florisil | PCB's | NIOSH 5503 | |
| ~~73~~ | | Ray Wilson | 431-32-8846 | 338-14 | 0.1924 | 0.1791 | 0.1858 | 07:21 | 11:19 | 03:58 | ~~44.21~~ | GFF & Florisil | PCB's | NIOSH 5503 | |
| ~~74~~ | | Jesus Rodriguez | 459-83-5137 | 340-22 | 0.1969 | 0.1882 | 0.1926 | 07:27 | 11:21 | 03:54 | ~~45.06~~ | GFF & Florisil | PCB's | NIOSH 5503 | |
| 75 | 9-30-91 | Ray Wilson | 459-83-5137 | 340-23 | 0.1883 | 0.1759 | 0.1821 | 07:14 | 15:11 | 07:57 | 86.86 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 76 | | H.S. Mann | 461-43-1168 | 338-14 | 0.193 | 0.1829 | 0.1880 | 07:14 | 15:02 | 07:48 | 87.96 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 77 | | Jesus Rodriguez | 459-83-5137 | 340-22 | 0.1968 | 0.1856 | 0.1912 | 07:15 | 15:01 | 07:46 | 89.10 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 78 | 10-1-91 | Ray Wilson | 459-83-5137 | 340-10 | 0.1805 | 0.1711 | 0.1758 | 07:20 | 15:02 | 07:42 | 81.22 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 79 | | Jesus Rodriguez | 459-83-5137 | 340-17 | 0.2032 | 0.184 | 0.1936 | 07:20 | 15:01 | 07:41 | 89.25 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 80 | | H.S. Mann | 461-43-1168 | 340-22 | 0.2032 | 0.1812 | 0.1922 | 07:20 | 15:05 | 07:45 | 89.37 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 81 | | field blank | | | | | | | | | | GFF & Florisil | PCB's | NIOSH 5503 | |
| 82 | 10-2-91 | Leroy Gonzales | 459-25-9466 | 340-23 | 0.1922 | 0.1765 | 0.1844 | 07:28 | 15:19 | 07:51 | 86.83 | GFF & Florisil | PCB's | NIOSH 5503 | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 83 | | Jesus Rodriguez | 459-83-5137 | 338-14 | 0.1959 | 0.1837 | 0.1898 | 07:28 | 12:27 | 04:59 | 56.75 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 84 | | H.S. Mann | 461-43-1168 | 340-22 | 0.1982 | 0.1712 | 0.1847 | 07:25 | 15:18 | 07:53 | 87.36 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 85 | 10-3-91 | Leroy Gonzales | 459-25-9466 | 340-17 | 0.1972 | 0.1779 | 0.1876 | 07:25 | 14:44 | 07:19 | 82.33 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 86 | | Jesus Rodriguez | 459-83-5137 | 340-10 | 0.1768 | 0.166 | 0.1714 | 07:25 | 15:47 | 08:22 | 86.04 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 87 | | Ray Wilson | 431-32-8846 | 340-22 | 0.1981 | 0.1781 | 0.1881 | 07:25 | 15:48 | 08:23 | 94.61 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 88 | 10-4-91 | Ray Wilson | 431-32-8846 | 340-23 | 0.1868 | 0.1837 | 0.1853 | 07:18 | 14:41 | 07:23 | 82.07 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 89 | | Jesus Rodriguez | 459-83-5137 | 338-14 | 0.1932 | 0.1843 | 0.1888 | 07:18 | 14:38 | 07:20 | 83.05 | GFF & Florisil | PCB's | NIOSH 5503 | |
| ~~90~~ | | H.S. Mann | 461-43-1168 | 340-10 | 0.1818 | | | 07:18 | | | | GFF & Florisil | PCB's | NIOSH 5503 | *fell apart* |
| 91 | | field blank | | | | | | | | | | GFF & Florisil | PCB's | NIOSH 5503 | |
| 92 | 10-7-91 | Ray Wilson | 431-32-8846 | 338-14 | 0.201 | 0.1868 | 0.1939 | 08:16 | 15:52 | 07:36 | 88.42 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 93 | | Jesus Rodriguez | 459-83-5137 | 340-23 | 0.1924 | 0.178 | 0.1852 | 08:16 | 15:53 | 07:37 | 84.64 | GFF & Florisil | PCB's | NIOSH 5503 | |
| 94 | | Leroy Gonzalez | 459-25-9466 | 340-22 | 0.1972 | 0.1827 | 0.1900 | 08:16 | 15:50 | 07:34 | 86.24 | GFF & Florisil | PCB's | NIOSH 5503 | |

ATTACHMENT 3

Laboratory Analysis and Chain-of-Custody Forms

Industrial Hygiene Laboratory

9742 Skillman • Dallas, Texas 75243
214/343-2025 • Fax 214/343-9757
1-800-937-2835 (Except 214 area)
AIHA Laboratory Accreditation No. 57

91-2238

91/09/10

EAGLE ENVIRONMENTAL HEALTH
4151 SOUTHWEST FRWY, STE 410
HOUSTON, TX 77027
ATTENTION: D. ESPINOZA

P.O. : 0012.0001

| EHL UMBER | FIELD NUMBER | SAMPLE MEDIA | SAMPLE VOLUME | ANALYSIS \METHOD | RESULTS |
|---|---|---|---|---|---|
| -6616 | T1-F1 | GF-FT | 92.04 L | PCB | <0.35 ug/M3 |
| T-6617 | T2-F2 | GF-FT | 93.99 L | PCB | <0.34 ug/M3 |
| -6618 | T3-F3 | GF-FT | 91.44 L | PCB | <0.35 ug/M3 |
| T-6619 | T4-F4 | GF-FT | 92.93 L | PCB | <0.34 ug/M3 |
| -6620 | T5-F5 | GF-FT | 93.04 L | PCB | <0.34 ug/M3 |
| -6621 | T6-F6 | GF-FT | 85.01 L | PCB | <0.38 ug/M3 |
| T-6622 | T7-F7 | GF-FT | 88.92 L | PCB | <0.36 ug/M3 |
| -6623 | T8-F8 | GF-FT | 92.30 L | PCB | <0.35 ug/M3 |
| T-6624 | T9-F9 | GF-FT | 85.06 L | PCB | <0.38 ug/M3 |
| -6625 | T10-F10 | GF-FT | 90.41 L | PCB | <0.35 ug/M3 |
| -6626 | T11-F11 | GF-FT | 96.04 L | PCB | <0.33 ug/M3 |
| T-6627 | T12-F12 | GF-FT | 93.15 L | PCB | <0.34 ug/M3 |
| -6628 | T14-F14 | GF-FT | 94.06 L | PCB | <0.34 ug/M3 |
| T-6629 | T15-F15 | GF-FT | 94.06 L | PCB | <0.34 ug/M3 |

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AIHA Laboratory Accreditation No. 57

91-2238

| EHL NUMBER | FIELD NUMBER | SAMPLE MEDIA | SAMPLE VOLUME | ANALYSIS \METHOD | RESULTS |
|---|---|---|---|---|---|
| -6630 | T16-F16 | GF-FT | 88.85 L | PCB | <0.36 ug/M3 |
| -6631 | T17-F17 | GF-FT | 89.41 L | PCB | <0.36 ug/M3 |
| T-6632 | T18-F18 | GF-FT | 79.82 L | PCB | <0.40 ug/M3 |
| -6633 | T19-F19 | GF-FT | 84.95 L | PCB | <0.38 ug/M3 |
| T-6634 | T20-F20 | GF-FT | 85.46 L | PCB | <0.37 ug/M3 |
| -6635 | T21-F21 | GF-FT | 70.87 L | PCB | <0.45 ug/M3 |
| T-6636 | T22-F22 | GF-FT | 74.29 L | PCB | <0.43 ug/M3 |
| T-6637 | T23-F23 | GF-FT | 74.89 L | PCB | <0.43 ug/M3 |

COMMENTS:

THANK YOU

Roger E Hallstein PhD,CIH
Laboratory Manager

AIHA Laboratory Accreditation No. 57

Ctek is not responsible for any errors resulting from improper or incorrect sampling procedures; errors resulting from atmospheric conditions at the time of sampling or during shipment; or errors resulting from shipping conditions or methods.

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1-800-937-2835 (Except 214 area)
AIHA Laboratory Accreditation No. 57

91-2371

91/09/20

EAGLE ENVIRONMENTAL HEALTH
4151 SW FREEWAY, SUITE 410
HOUSTON, TX 77027
ATTENTION: DEANNA PURSLEY

P.O. :

| EHL NUMBER | FIELD NUMBER | SAMPLE MEDIA | SAMPLE VOLUME | ANALYSIS \METHOD | RESULTS |
|---|---|---|---|---|---|
| T-7450 | T24-F24 | GF-FT | 72.81 L | PCB | <0.43 ug/M3 |
| -7451 | T25-F25 | GF-FT | 85.11 L | PCB | <0.36 ug/M3 |
| -7452 | T26-F26 | GF-FT | 86.53 L | PCB | <0.36 ug/M3 |
| T-7453 | T29-F29 | GF-FT | 95.19 L | PCB | <0.33 ug/M3 |
| -7454 | T30-F30 | GF-FT | 88.23 L | PCB | <0.35 ug/M3 |
| T-7455 | T31-F31 | GF-FT | 87.01 L | PCB | <0.36 ug/M3 |
| -7456 | T32-F32 | GF-FT | 84.11 L | PCB | <0.37 ug/M3 |
| -7457 | T33-F33 | GF-FT | 85.31 L | PCB | <0.36 ug/M3 |
| T-7458 | T34-F34 | GF-FT | 76.53 L | PCB | <0.41 ug/M3 |
| -7459 | T35-F35 | GF-FT | 75.74 L | PCB | <0.41 ug/M3 |
| T-7460 | T36-F36 | GF-FT | 73.22 L | PCB | <0.42 ug/M3 |
| -7461 | T37-F37 | GF-FT | 86.30 L | PCB | <0.36 ug/M3 |
| -7462 | T38-F38 | GF-FT | 80.77 L | PCB | <0.38 ug/M3 |
| -7463 | T40-F40 | GF-FT | 83.57 L | PCB | <0.37 ug/M3 |

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91-2371

| EHL NUMBER | FIELD NUMBER | SAMPLE MEDIA | SAMPLE VOLUME | ANALYSIS \METHOD | RESULTS |
|---|---|---|---|---|---|
| T-7464 | T41-F41 | GF-FT | 76.94 L | PCB | <0.40 ug/M3 |
| -7465 | T42-F42 | GF-FT | 77.65 L | PCB | <0.40 ug/M3 |
| T-7466 | T43-F43 | GF-FT | 75.31 L | PCB | <0.41 ug/M3 |
| -7467 | T45-F45 | GF-FT | 85.28 L | PCB | <0.36 ug/M3 |
| T-7468 | T46-F46 | GF-FT | 86.38 L | PCB | <0.36 ug/M3 |

COMMENTS:
PROJ 0012.0001

THANK YOU

Roger E Hallstein PhD,CIH
Laboratory Manager

AIHA Laboratory Accreditation No. 57

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1-800-937-2835 (Except 214 area)
AIHA Laboratory Accreditation No. 57

91-2597

91/10/14

EAGLE ENVIRONMENTAL HEALTH
4151 SOUTHWEST FRWY. SUITE 410
HOUSTON, TX 77027
ATTENTION: DAVID ESPINOZA

P.O. : 0012.0001

| EHL JMBER | FIELD NUMBER | SAMPLE MEDIA | SAMPLE VOLUME | ANALYSIS \METHOD | RESULTS |
|---|---|---|---|---|---|
| -9485 | T50/F50 9/18/91 | GF-FT | 73.62 L | PCB | <0.42 ug/M3 |
| T-9486 | T51/F51 9/18/91 | GF-FT | 77.73 L | PCB | <0.40 ug/M3 |
| -9487 | T52/F52 9/18/91 | GF-FT | 77.85 L | PCB | <0.40 ug/M3 |
| -9488 | T53/F53 9/19/91 | GF-FT | 62.53 L | PCB | <0.50 ug/M3 |
| T-9489 | T54/F54 9/19/91 | GF-FT | 87.58 L | PCB | <0.35 ug/M3 |
| -9490 | T55/F55 9/19/91 | GF-FT | 92.10 L | PCB | <0.34 ug/M3 |
| T-9491 | T57/F57 9/20/91 | GF-FT | 90.27 L | PCB | <0.34 ug/M3 |
| -9492 | T58/F58 9/20/91 | GF-FT | 90.08 L | PCB | <0.34 ug/M3 |
| -9493 | T59/F59 9/20/91 | GF-FT | 90.33 L | PCB | <0.34 ug/M3 |
| T-9494 | T60/F60 9/24/91 | GF-FT | 75.38 L | PCB | <0.41 ug/M3 |
| -9495 | T61/F61 9/24/91 | GF-FT | 73.90 L | PCB | <0.42 ug/M3 |
| T-9496 | T62/F62 9/24/91 | GF-FT | 73.97 L | PCB | <0.42 ug/M3 |
| -9497 | T63/F63 9/25/91 | GF-FT | 78.83 L | PCB | <0.39 ug/M3 |
| -9498 | T64/F64 9/25/91 | GF-FT | 87.51 L | PCB | <0.35 ug/M3 |

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| EHL NUMBER | FIELD NUMBER | SAMPLE MEDIA | 91-2597 SAMPLE VOLUME | ANALYSIS \METHOD | RESULTS |
|---|---|---|---|---|---|
| -9499 | T65/F65 9/25/91 | GF-FT | 88.61 L | PCB | <0.35 ug/M3 |
| -9500 | T66/F66 9/26/91 | GF-FT | 87.21 L | PCB | <0.36 ug/M3 |
| T-9501 | T67/F67 9/26/91 | GF-FT | 87.16 L | PCB | <0.36 ug/m3 |
| -9502 | T68/F68 9/27/91 | GF-FT | 78.12 L | PCB | <0.40 ug/M3 |
| T-9503 | T69/F69 9/27/91 | GF-FT | 83.89 L | PCB | <0.37 ug/M3 |
| -9504 | T70/F70 9/27/91 | GF-FT | 85.25 L | PCB | <0.36 ug/M3 |
| -9505 | F71/F71 9/27/91 | GF-FT | 81.31 L | PCB | <0.38 ug/M3 |
| T-9506 | F75/F75 9/30/91 | GF-FT | 86.86 L | PCB | <0.36 ug/M3 |
| -9507 | T76/F76 9/30/91 | GF-FT | 87.96 L | PCB | <0.35 ug/M3 |
| T-9508 | F77/F77 9/30/91 | GF-FT | 89.10 L | PCB | <0.35 ug/M3 |
| -9509 | T78/F78 10/1/91 | GF-FT | 81.22 L | PCB | <0.38 ug/M3 |
| -9510 | T79/F79 10/1/91 | GF-FT | 89.25 L | PCB | <0.35 ug/M3 |
| T-9511 | T80/F80 10/1/91 | GF-FT | 89.37 L | PCB | <0.35 ug/M3 |
| -9512 | T81/F81 10/1/91 | GF-FT | 87.12 L | PCB | <0.36 ug/M3 |
| T-9513 | T82/F82 10/2/91 | GF-FT | 86.83 L | PCB | <0.36 ug/M3 |
| -9514 | T83/F83 10/2/91 | GF-FT | 56.75 L | PCB | <0.55 ug/M3 |
| T-9515 | T84/F84 10/2/91 | GF-FT | 87.36 L | PCB | <0.35 ug/M3 |
| T-9516 | T85/F85 10/3/91 | GF-FT | 82.33 L | PCB | <0.38 ug/M3 |

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| EHL NUMBER | FIELD NUMBER | SAMPLE MEDIA | 91-2597 SAMPLE VOLUME | ANALYSIS \METHOD | RESULTS |
|---|---|---|---|---|---|
| -9517 | T86/F86 10/3/91 | GF-FT | 86.04 L | PCB | <0.36 ug/M3 |
| -9518 | T87/F87 10/3/91 | GF-FT | 94.61 L | PCB | <0.33 ug/M3 |
| T-9519 | T88/F88 10/4/91 | GF-FT | 82.07 L | PCB | <0.38 ug/M3 |
| -9520 | T89/F89 10/4/91 | GF-FT | 83.05 L | PCB | <0.37 ug/M3 |
| T-9521 | T91/F91 10/4/91 | GF-FT | 82.41 L | PCB | <0.38 ug/M3 |
| -9522 | T92/F92 10/7/91 | GF-FT | 88.42 L | PCB | <0.35 ug/m3 |
| T-9523 | T93/F93 10/7/91 | GF-FT | 84.64 L | PCB | <0.37 ug/M3 |
| -9524 | T94/F94 10/7/91 | GF-FT | 86.24 L | PCB | <0.36 ug/M3 |

COMMENTS:

THANK YOU

Roger E Hallstein PhD,CIH
Laboratory Manager

AIHA Laboratory Accreditation No. 57

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# CHAIN-OF-CUSTODY FORM

Project No. 0012.0001 Project Name: SWCMI

Samplers: (Signatures) D. Espinoza

| | Sample No. | Date | Name or Sample Location | Number of Containers | METHOD | NIOSH 5503 PCBs | | | | | REMARKS Sample Volume (L) or Elapsed Time (min) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 16616 | T1 + F1 | 8-26-91 | Ray Wilson | 2 | | X | | | | | 92.04 |
| 2 17 | T2 + F2 | ↓ | Jose Gonzales | 2 | | X | | | | | 93.99 |
| 3 18 | T3 + F3 | ↓ | Jose Ranquel | 2 | | X | | | | | 91.44 |
| 4 19 | T4 + F4 | 8-27-91 | Ray Wilson | 2 | | X | | | | | 92.93 |
| 5 20 | T5 + F5 | ↓ | Jose Gonzales | 2 | | X | | | | | 93.04 |
| 6 21 | T6 + F6 | ↓ | Jose Ranquel | 2 | | X | | | | | 85.71 |
| 7 22 | T7 + F7 | 8-28-91 | Ray Wilson | 2 | | X | | | | | 88.92 |
| 8 23 | T8 + F8 | ↓ | Jose Gonzales | 2 | | X | | | | | 92.30 |
| 9 24 | T9 + F9 | ↓ | Jose Ranquel | 2 | | X | | | | | 85.06 |
| 10 25 | T10 + F10 | ↓ | Pat Rivera | 2 | | X | | | | | 90.41 |
| 11 26 | T11 + F11 | 8-29-91 | Jose Gonzales | 2 | | X | | | | | 96.04 |
| 12 27 | T12 + F12 | ↓ | Jose Ranquel | 2 | | X | | | | | 93.15 |
| | | | ~~Leroy Gonzales~~ | ~~2~~ | | ~~X~~ | | | | | *void* Do Not Analyze * |

| Relinquished by: (Signature) | Date | Time | Received by (Signature) | Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|---|---|---|---|
| D. Espinoza | 9-4-91 | 5:00 | | | | | |

| Relinquished by: (Signature) | Date | Time | Received for Laboratory by: (Signature) | Date | Time | Remarks |
|---|---|---|---|---|---|---|
| | | | Doris Cochrell | 9/5 | | |

SEND RESULTS TO:

Eagle Environmental Health, Inc.
4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

Note: Report results of analysis of filter and florisil tube together for each sample.

EAGLE ENVIRONMENTAL HEALTH, INC.

4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

F14

20

# CHAIN-OF-CUSTODY FORM

Project No. 0012.0001 Project Name: SWCMI

Samplers: (Signatures) D. Espiniza

| | Sample No. | Date | Name or Sample Location | Number of Containers | METHOD | NIOSH 5503 PCB's | | | | | REMARKS Sample Volume (L) or Elapsed Time (min) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 T6628 | T 14 + F 14 | 8-30-91 | Ray Wilson | 2 | | x | | | | | 94.06 |
| 14 29 | T 15 + F 15 | | Jose Gonzalez | 2 | | x | | | | | 94.06 |
| 15 30 | T 16 + F 16 | | Jose Rangel | 2 | | x | | | | | 88.85 |
| 16 31 | T 17 + F 17 | 9-3-91 | Ray Wilson | 2 | | x | | | | | 89.41 |
| 17 32 | T 18 + F 18 | | Brian Owsley | 2 | | x | | | | | 79.82 |
| 18 33 | T 19 + F 19 | | H. S. Mann | 2 | | x | | | | | 84.95 |
| 19 34 | T 20 + F 20 | 9-4-91 | Pat Rivera | 2 | | x | | | | | 85.46 |
| 20 35 | T 21 + F 21 | | Brian Owsley | 2 | | x | | | | | 70.87 |
| 21 36 | T 22 + F 22 | | Ray Wilson | 2 | | x | | | | | 74.29 |
| 22 37 | T 23 + F 23 | | H. S. Mann | 2 | | x | | | | | 74.89 |

| Relinquished by: (Signature) | Date | Time | Received by (Signature) | Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|---|---|---|---|
| D. Espiniza | 9-4-91 | 5:00 | | | | | |

| Relinquished by: (Signature) | Date | Time | Received for Laboratory by: (Signature) | Date | Time | Remarks |
|---|---|---|---|---|---|---|
| | | | Doris Cochrell | 9/5 | | |

2 pmt

SEND RESULTS TO:

Eagle Environmental Health, Inc.
4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

Note: Report results of analysis of filter and florisil tube together for each sample.

EAGLE ENVIRONMENTAL HEALTH, INC.

4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

F14

# CHAIN-OF-CUSTODY FORM

Project No.: 0012.0001 Project Name: SWCMI

Samplers: (Signatures) D. Espinoza

| | Sample No. | Date | Name or Sample Location | Number of Containers | METHOD | NIOSH 5503 PCB's | | | | | REMARKS Sample Volume (L) or Elapsed Time (min) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T450 | T24 + F24 | 9/5/91 | Ray Wilson | 2 | | X | | | | | 72.81 |
| 51 | T25 + F25 | | Jesus Rodriguez | 2 | | X | | | | | 85.11 |
| 52 | T26 + F26 | | H. S. Mann | 2 | | X | | | | | 86.53 |
| | ~~T27 + F27~~ | 9/7/91 | ~~Ray Wilson~~ | 2 | | X | | | | | ☆ Void ☆ Do Not Analyze |
| | ~~T28 + F28~~ | | ~~Brian Owsley~~ | 2 | | X | | | | | ☆ Void ☆ Do Not Analyze ☆ |
| 53 | T29 + F29 | | H.S. Mann | 2 | | X | | | | | 95.19 |
| 54 | T30 + F30 | 9/9/91 | Ray Wilson | 2 | | X | | | | | 88.23 |
| 55 | T31 + F31 | | Jesus Rodriguez | 2 | | X | | | | | 87.01 |
| 56 | T32 + F32 | | H.S. Mann | 2 | | X | | | | | 84.11 |
| 57 | T33 + F33 | | Pat Rivera | 2 | | X | | | | | 85.31 |
| 58 | T34 + F34 | 9/10/91 | Doug Meyers | 2 | | X | | | | | 76.53 |
| 59 | T35 + F35 | | Jesus Rodriguez | 2 | | X | | | | | 75.74 |
| 60 | T36 + F36 | | H.S. Mann | 2 | | X | | | | | 73.22 |
| 61 | T37 + F37 | 9/11/91 | Ray Wilson | 2 | | X | | | | | 86.30 |

| Relinquished by: (Signature) | Date | Time | Received by (Signature) | Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|---|---|---|---|
| D. Espinoza | 9/17/91 | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received for Laboratory by: (Signature) | Date | Time | Remarks |
|---|---|---|---|---|---|---|
| | | | Doris Cockrell | 9/18 | 10- | |

22

SEND RESULTS TO:

Eagle Environmental Health, Inc.
4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

Note Report results of analysis of filter and Florisil tube together for each sample.

EAGLE ENVIRONMENTAL HEALTH, INC.

4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

F14

# CHAIN-OF-CUSTODY FORM

Project No.: 0012.00D1
Project Name: SWCMI
Samplers: (Signatures) D. Espinoza

| | Sample No. | Date | Name or Sample Location | Number of Containers | METHOD | NIOSH 5503 PCB's | | | | | REMARKS Sample Volume (L) or Elapsed Time (Min) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T 7462 | T 38 * F 38 | 9/11/91 | Leroy Gonzalez | 2 | | X | | | | | 80.77 |
| | ~~T 39 * F 39~~ | ↓ | ~~H S Mann~~ | 2 | | X | | | | | * Void * Do Not Analyze * |
| 63 | T 40 * F 40 | 9/12/91 | Brian Owsley | 2 | | X | | | | | 83.57 |
| 64 | T 41 * F 41 | ↓ | H.S. Mann | 2 | | X | | | | | 76.94 |
| 65 | T 42 * F 42 | ↓ | Jesus Rodriguez | 2 | | X | | | | | 77.65 |
| 66 | T 43 * F 43 | ↓ | Pat Rivera | 2 | | X | | | | | 75.31 |
| | ~~T 44 * F 44~~ | 9/13/91 | ~~Ray Wilson~~ | 2 | | X | | | | | * Void * Do Not Analyze |
| 67 | T 45 * F 45 | ↓ | Jesus Rodriguez | 2 | | X | | | | | 85.28 |
| 68 | T 46 * F 46 | ↓ | H.S. Mann | 2 | | X | | | | | 86.38 |
| ~~69~~ | 47 | | Voids | | | | | | | | |
| 70 | 48 | | | | | | | | | | |
| 71 | 49 | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by (Signature) | Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|---|---|---|---|
| D. Espinoza | 9/17/91 | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received for Laboratory by: (Signature) | Date | Time | Remarks |
|---|---|---|---|---|---|---|
| | | | Doris Cochrell | 9/18 | 10 | |

SEND RESULTS TO:

Eagle Environmental Health, Inc.
4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

Note: Report results of analysis of filter and florisil tube together for each sample.

EAGLE ENVIRONMENTAL HEALTH, INC.
4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

F14

23

# CHAIN-OF-CUSTODY FORM

Pg 4

Project No. 0012.0001 Project Name: SWCM I

Samplers: (Signatures) David Espinoza

| | Sample No. | Date | Name or Sample Location | Number of Containers | METHOD NIOSH 5503 PCB's | | | | | | REMARKS Sample Volume (L) or Elapsed Time (min) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4485 | T50 F50 | 9/18/91 | H.S. Mann | 2 | | x | | | | | 73.62 |
| 86 | T51 F51 | ↓ | Ray Wilson | 2 | | x | | | | | 77.73 |
| 87 | T52 F52 | ↓ | Jesus Rodriguez | 2 | | x | | | | | 77.55 |
| 88 | T53 F53 | 9/19/91 | Brian Owelsey | 2 | | x | | | | | 62.53 |
| 89 | T54 F54 | ↓ | Jesus Rodriguez | 2 | | x | | | | | 57.55 |
| 90 | T55 F55 | ↓ | H.S. Mann | 2 | | x | | | | | 92.10 |
| 91 | T57 F57 | 9/20/91 | H.S. Mann | 2 | | x | | | | | 90.27 |
| 92 | T58 F58 | ↓ | Jesus Rodriguez | 2 | | x | | | | | 90.08 |
| 93 | T59 F59 | ↓ | Pat Rivera | 2 | | x | | | | | 90.33 |
| 94 | T60 F60 | 9/24/91 | Ray Wilson | 2 | | x | | | | | 75.38 |
| 95 | T61 F61 | ↓ | Jesus Rodriguez | 2 | | x | | | | | 73.90 |
| 96 | T62 F62 | ↓ | H.S. Mann | 2 | | x | | | | | 73.97 |
| 97 | T63 F63 | 9/25/91 | Jesus Rodriguez | 2 | | x | | | | | 78.83 |
| 98 | T64 F64 | ↓ | Brian Owelsey | 2 | | x | | | | | 57.51 |

| Relinquished by: (Signature) | Date | Time | Received by (Signature) | Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|---|---|---|---|
| D. Espinoza | 10/9/91 | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received for Laboratory by: (Signature) | Date | Time | Remarks |
|---|---|---|---|---|---|---|
| | | | Doris Cockrell | 10/11 | | |

SEND RESULTS TO:

Eagle Environmental Health, Inc.
4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

Note: Report results of analysis of filter and florisil tube together for each sample.

EAGLE ENVIRONMENTAL HEALTH, INC.

4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

F14

# CHAIN-OF-CUSTODY FORM



Project No. 0012.0001 Project Name: SWCM I

Samplers: (Signatures) David Espinoza

| Sample No. | Date | Name or Sample Location | Number of Containers | METHOD NIOSH 5503 PCB's | | | | | | REMARKS Sample Volume (L) or Elapsed Time (min) |
|---|---|---|---|---|---|---|---|---|---|---|
| 9499 T 65 + F 65 | 9/25/91 | H.S. Mann | 2 | | x | | | | | 88.61 |
| 9500 T 66 + F 66 | 9/26/91 | Jesus Rodriguez | 2 | | x | | | | | 87.21 |
| 01 T 67 + F 67 | ↓ | H.S. Mann | 2 | | x | | | | | 87.16 |
| 02 T 68 + F 68 | 9/27/91 | Jesus Rodriguez | 2 | | x | | | | | 78.12 |
| 03 T 69 + F 69 | | A.S. Mann | 2 | | x | | | | | 83.89 |
| 04 T 70 + F 70 | | Ray Wilson | 2 | | x | | | | | 85.25 |
| 05 T 71 + F 71 | ↓ | Pat Rivera | 2 | | x | | | | | 81.31 |
| 06 T 75 + F 75 | 9/30/91 | Ray Wilson | 2 | | x | | | | | 86.86 |
| 07 T 76 + F 76 | | H.S. Mann | 2 | | x | | | | | 87.96 |
| 08 T 77 + F 77 | ↓ | Jesus Rodriguez | 2 | | x | | | | | 89.10 |
| 09 T 78 + F 78 | 10/1/91 | Ray Wilson | 2 | | x | | | | | 81.22 |
| 10 T 79 + F 79 | | Jesus Rodriguez | 2 | | x | | | | | 89.25 |
| 11 T 80 + F 80 | | H.S. Mann | 2 | | x | | | | | 89.37 |
| 12 T 81 + F 81 | ↓ | Pat Rivera | 2 | | x | | | | | 87.12 |

| Relinquished by: (Signature) | Date | Time | Received by (Signature) | Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|---|---|---|---|
| D. Espinoza | 10/4/91 | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received for Laboratory by: (Signature) | Date | Time | Remarks |
|---|---|---|---|---|---|---|
| | | | Doris Cockrell | 10/11 | | |

SEND RESULTS TO:

Eagle Environmental Health, Inc.
4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

Note: Report results of analysis of filter and florisil tube together for each sample.

EAGLE ENVIRONMENTAL HEALTH, INC.

4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

F14

# CHAIN-OF-CUSTODY FORM

Pg 3 of 3

Project No. 00012.0001 Project Name: SWCMI

Samplers: (Signatures) David Espinoza

| | Sample No. | Date | Name or Sample Location | Number of Containers | METHOD NIOSH 5503 PCB's | | | | | | REMARKS Sample Volume (L) or Elapsed Time (min) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 513 | T 82 + F 82 | 10/2/91 | Leroy Gonzales | 2 | x | | | | | | 86.83 |
| 14 | T 83 + F 83 | ↓ | Jesus Rodriguez | 2 | x | | | | | | 56.75 |
| 15 | T 84 + F 84 | ↓ | W S Mann | 2 | x | | | | | | 87.36 |
| 16 | T 85 + F 85 | 10/3/91 | Leroy Gonzales | 2 | x | | | | | | 82.33 |
| 17 | T 86 + F 86 | ↓ | Jesus Rodriguez | 2 | x | | | | | | 86.04 |
| 18 | T 87 + F 87 | ↓ | Ray Wilson | 2 | x | | | | | | 94.61 |
| 19 | T 88 + F 88 | 10/4/91 | Ray Wilson | 2 | x | | | | | | 82.07 |
| 20 | T 89 + F 89 | ↓ | Jesus Rodriguez | 2 | x | | | | | | 83.05 |
| 21 | T 91 + F 91 | ↓ | Pat Rivera | 2 | x | | | | | | 82.41 |
| 22 | T 92 + F 92 | 10/7/91 | Ray Wilson | 2 | x | | | | | | 88.42 |
| 23 | T 93 + F 93 | ↓ | Jesus Rodriguez | 2 | x | | | | | | 84.64 |
| 24 | T 94 + F 94 | ↓ | Leroy Gonzales | 2 | x | | | | | | 86.24 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by (Signature) | Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|---|---|---|---|
| D Espinoza | 10/9/91 | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received for Laboratory by: (Signature) | Date | Time | Remarks |
|---|---|---|---|---|---|---|
| | | | Doris Cockrell | 10/11 | | |

SEND RESULTS TO:

Eagle Environmental Health, Inc.
4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

Note: Report results of analysis of filter and florisil tube together for each sample

EAGLE ENVIRONMENTAL HEALTH, INC.

4151 SOUTHWEST FREEWAY
SUITE 410
HOUSTON, TEXAS 77027
(713) 850-9990
FAX (713) 850-9998

F14

# APPENDIX D

## Analytical Results: Affected Water

ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy, TX

Sample ID: FracDec1
Matrix: Water

GSAI Sample: 28580
GSAI Group: 5051
Date Reported: 09/05/91
Discard Date: 10/05/91
Date Submitted: 09/04/91
Date Sampled: 09/04/91
Collected by: DM
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 0173 | Polychlorinated Biphenyls, Water Method: SW-846 8080 PCB's, as Received | < 1.0 | mg/l | 0.0010 | 09/05/91 | MD |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

Damien E. Durbin

Damien E. Durbin, Ph.D.
Project Manager

GULF STATES ANALYTICAL INC.
5450 Northwest Central Drive, Suite 110
Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

# ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy, Tx

Sample ID: FracDec 1&2
Matrix: Water

GSAI Sample: 28855
GSAI Group: 5099
Date Reported: 09/12/91
Discard Date: 10/12/91
Date Submitted: 09/11/91
Date Sampled: 09/10/91
Collected by: DPS
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 5242 | Amenable Cyanide<br>Method: STD. METH 412 H | ND | mg/l | 0.005 | 09/11/91 | DS |
| 0180 | Purgeable Aromatics, GC<br>Method: EPA 602 | | | | | |
| | Benzene | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Chlorobenzene | ND | mg/l | 0.001 | 09/11/91 | RL |
| | 1,2-Dichlorobenzene | ND | mg/l | 0.005 | 09/11/91 | RL |
| | 1,3-Dichlorobenzene | ND | mg/l | 0.005 | 09/11/91 | RL |
| | 1,4-Dichlorobenzene | ND | mg/l | 0.005 | 09/11/91 | RL |
| | Ethylbenzene | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Toluene | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Xylenes (total) | ND | mg/l | 0.001 | 09/11/91 | RL |
| 0182 | Purgeable Halocarbons, GC<br>Method: EPA 601 | | | | | |
| | Bromoform | ND | mg/l | 0.005 | 09/11/91 | RL |
| | Bromomethane | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Carbon tetrachloride | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Chlorobenzene | ND | mg/l | 0.005 | 09/11/91 | RL |
| | Chloroethane | ND | mg/l | 0.001 | 09/11/91 | RL |
| | 2-Chloroethylvinyl ether | ND | mg/l | 0.005 | 09/11/91 | RL |
| | Chloroform | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Chloromethane | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Chlorodibromomethane | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Bromodichloromethane | ND | mg/l | 0.001 | 09/11/91 | RL |
| | 1,1-Dichloroethane | ND | mg/l | 0.001 | 09/11/91 | RL |
| | 1,2-Dichloroethane | ND | mg/l | 0.001 | 09/11/91 | RL |
| | 1,1-Dichloroethene | ND | mg/l | 0.001 | 09/11/91 | RL |
| | trans-1,2-Dichloroethene | ND | mg/l | 0.001 | 09/11/91 | RL |
| | 1,2-Dichloropropane | ND | mg/l | 0.001 | 09/11/91 | RL |

Southwest Construction Managers

GSAI Sample: 28855
GSAI Group: 5099

Sample ID: FracDec 1&2

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 0182 | Purgeable Halocarbons, GC Method: EPA 601 | | | | | |
| | cis-1,3-Dichloropropene | ND | mg/l | 0.001 | 09/11/91 | RL |
| | trans-1,3-Dichloropropene | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Dichloromethane (Methylene chloride | ND | mg/l | 0.001 | 09/11/91 | RL |
| | 1,1,2,2-Tetrachloroethane | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Tetrachloroethene | ND | mg/l | 0.001 | 09/11/91 | RL |
| | 1,1,1-Trichloroethane | ND | mg/l | 0.001 | 09/11/91 | RL |
| | 1,1,2-Trichloroethane | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Trichloroethene | ND | mg/l | 0.001 | 09/11/91 | RL |
| | Vinyl chloride | ND | mg/l | 0.001 | 09/11/91 | RL |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

William R. Drago for

Damien E. Durbin, Ph.D.
Project Manager

GULF STATES ANALYTICAL, INC.
5450 Northwest Central Drive, Suite 110
Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

# TCLP ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy, Tx

Sample ID: FracDec 1&2
Matrix: Water

GSAI Sample: 28855
GSAI Group: 5099
Date Reported: 09/12/91
Discard Date: 10/12/91
Date Submitted: 09/11/91
Date Sampled: 09/10/91
Collected by: DPS
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results as Received (mg/l) | Results Corrected (mg/l) | Regulatory Limit (mg/l) | % Spike Recovery |
|---|---|---|---|---|---|
| 0246G | Barium on TCLP Extract by ICP<br>Method: SW-846 6010 | < 0.10 | < 0.10 | 100.0 | 103 |
| 0249G | Cadmium on TCLP Extract by ICP<br>Method: SW-846 6010 | < 0.050 | < 0.052 | 1.0 | 96.0 |
| 0251G | Chromium on TCLP Extract by ICP<br>Method: SW-846 6010 | < 0.50 | < 0.53 | 5.0 | 94.5 |
| 0255G | Lead on TCLP Extract by ICP<br>Method: SW-846 6010 | < 0.50 | < 0.51 | 5.0 | 97.3 |
| 0266G | Silver on TCLP Extract by ICP<br>Method: SW-846 6010 | < 0.10 | < 0.10 | 5.0 | 100 |
| 1045G | Arsenic on TCLP Extract by ICP<br>Method: SW-846 6010 | < 0.50 | < 0.58 | 5.0 | 86.9 |
| 1064G | Selenium on TCLP Extract by ICP<br>Method: SW-846 6010 | < 0.50 | < 0.50 | 1.0 | 104 |
| 0259T | Mercury on TCLP Extract<br>Method: SW-846 7471 | < 0.0020 | < 0.0025 | 0.2 | 78.6 |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

Damien E. Durbin, Ph.D.
Project Manager

TCLP ANALYSIS REPORT

ERM-Southwest, Inc.
16000 Memorial Dr., Ste 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy, TX

Sample ID: FracDec 1&2
Matrix: Water

GSAI Sample: 28855
GSAI Group: 5157
Date Reported: 09/17/91
Discard Date: 10/17/91
Date Submitted: 09/11/91
Date Sampled: 09/10/91
Collected by: DPS
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results as Received (mg/l) | Results Corrected (mg/l) | Regulatory Limit (mg/l) | % Spike Recovery |
|---|---|---|---|---|---|
| 0266G | Silver on TCLP Extract by ICP<br>Method: SW-846 6010 | < 0.003 | < 0.003 | 5.0 | 100 |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

William R. Drago
Project Manager

ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy,TX

Sample ID: FracDec 2
Matrix: Water

GSAI Sample: 29448
GSAI Group: 5197
Date Reported: 09/24/91
Discard Date: 10/24/91
Date Submitted: 09/20/91
Date Sampled: 09/20/91
Collected by: DM
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 0173 | Polychlorinated Biphenyls, Water Method: SW-846 8080 | | | | | |
| | PCB 1016 | ND | mg/l | 0.0005 | 09/24/91 | MD |
| | PCB 1221 | ND | mg/l | 0.0005 | 09/24/91 | MD |
| | PCB 1232 | ND | mg/l | 0.0005 | 09/24/91 | MD |
| | PCB 1242 | ND | mg/l | 0.0005 | 09/24/91 | MD |
| | PCB 1248 | ND | mg/l | 0.0005 | 09/24/91 | MD |
| | PCB 1254 | ND | mg/l | 0.0010 | 09/24/91 | MD |
| | PCB 1260 | 0.0057 | mg/l | 0.0010 | 09/24/91 | MD |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

Damien E. Durbin, Ph.D
Project Manager

ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy,TX

Sample ID: FracDec 3
Matrix: Water

GSAI Sample: 29449
GSAI Group: 5197
Date Reported: 09/24/91
Discard Date: 10/24/91
Date Submitted: 09/20/91
Date Sampled: 09/20/91
Collected by: DM
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 0173 | Polychlorinated Biphenyls, Water Method: SW-846 8080 | | | | | |
| | PCB 1016 | ND | mg/l | 0.0005 | 09/24/91 | MD |
| | PCB 1221 | ND | mg/l | 0.0005 | 09/24/91 | MD |
| | PCB 1232 | ND | mg/l | 0.0005 | 09/24/91 | MD |
| | PCB 1242 | ND | mg/l | 0.0005 | 09/24/91 | MD |
| | PCB 1248 | ND | mg/l | 0.0005 | 09/24/91 | MD |
| | PCB 1254 | ND | mg/l | 0.0010 | 09/24/91 | MD |
| | PCB 1260 | 0.0226 | mg/l | 0.0010 | 09/24/91 | MD |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

Damien E. Durbin, Ph.D
Project Manager

# APPENDIX E

## Analytical Results: Site Verification Samples

ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy, TX

Sample ID: COMPVER 1
Matrix: Soil

GSAI Sample: 29857
GSAI Group: 5267
Date Reported: 10/02/91
Discard Date: 11/01/91
Date Submitted: 09/30/91
Date Sampled: 09/30/91
Collected by: JAH
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 0111 | Moisture<br>Method: EPA 160.3 | 17.8 | % | 0.1 | 10/02/91 | RM |
| 1216 | Polychlorinated Biphenyls, Solids<br>Method: SW-846 8080<br>PCB's, Dry Weight Basis | < 1.0 | mg/kg | 0.160 | 09/30/91 | MD |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

Damien E. Durbin, Ph.D.
Project Manager

GULF STATES ANALYTICAL, INC.
5450 Northwest Central Drive, Suite 110
Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

# ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy,TX

Sample ID: COMVER 2
Matrix: Soil

GSAI Sample: 30004
GSAI Group: 5301
Date Reported: 10/10/91
Discard Date: 11/09/91
Date Submitted: 10/03/91
Date Sampled: 10/03/91
Collected by: DPS
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 0111 | Moisture<br>Method: EPA 160.3 | 15.9 | % | 0.1 | 10/08/91 | RM |
| 1216 | Polychlorinated Biphenyls, Solids<br>Method: SW-846 8080<br>PCB's, Dry Weight Basis | < 1.0 | mg/kg | 0.160 | 10/04/91 | MD |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

Damien E. Durbin, Ph.D.
Project Manager

5452 Northwest Central Drive, Suite 110
Houston, Texas 77092, (713) 692-4444, FAX (713) 692-5046

# ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy,TX

Sample ID: COMPVER3
Matrix: Soil

GSAI Sample: 30225
GSAI Group: 5342
Date Reported: 10/14/91
Discard Date: 11/13/91
Date Submitted: 10/09/91
Date Sampled: 10/09/91
Collected by: DPS
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 0111 | Moisture<br>Method: EPA 160.3 | 14.8 | % | 0.1 | 10/14/91 | RM |
| 1216 | Polychlorinated Biphenyls, Solids<br>Method: SW-846 8080<br>PCB's, Dry Weight Basis | < 1.0 | mg/kg | 0.160 | 10/10/91 | MD |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

Damien E. Durbin, Ph.D.
Project Manager

3452 Northwest Central Drive, Suite 110
Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

# ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff, Sealy, TX

Sample ID: COMPVER4
Matrix: Soil

GSAI Sample: 30583
GSAI Group: 5403
Date Reported: 10/18/91
Discard Date: 11/17/91
Date Submitted: 10/16/91
Date Sampled: 10/16/91
Collected by: DPS
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 0111 | Moisture<br>Method: EPA 160.3 | 14.3 | % | 0.1 | 10/18/91 | RM |
| 1216 | Polychlorinated Biphenyls, Solids<br>Method: SW-846 8080<br>PCB's, Dry Weight Basis | < 1.0 | mg/kg | 0.160 | 10/17/91 | MD |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

for DED

Damien E. Durbin, Ph.D.
Project Manager

# APPENDIX F

## Analytical Results: Imported Materials

GULF STATES ANALYTICAL, INC.
5450 Northwest Central Drive, Suite 110
Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

# ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy,TX

Sample ID: SELFIL2
Matrix: Soil

GSAI Sample: 29859
GSAI Group: 5269
Date Reported: 10/07/91
Discard Date: 11/06/91
Date Submitted: 09/30/91
Date Sampled: 09/30/91
Collected by: JAH
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 1145 | Arsenic by Furnace AA, Solids<br>Method: SW-846 7060 | 3.1 | mg/kg | 1.0 | 10/07/91 | AB |
| 1164 | Selenium by Furnace AA, Solids<br>Method: SW-846 7740 | ND | mg/kg | 0.50 | 10/07/91 | AB |
| 0144A | Antimony by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 4 | 10/05/91 | HT |
| 0147A | Beryllium by ICP, Solids<br>Method: SW-846 6010 | 1.2 | mg/kg | 0.5 | 10/05/91 | HT |
| 0149A | Cadmium by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 0.5 | 10/05/91 | HT |
| 0151A | Chromium by ICP, Solids<br>Method: SW-846 6010 | 19.6 | mg/kg | 2.0 | 10/05/91 | HT |
| 0153A | Copper by ICP, Solids<br>Method: SW-846 6010 | 8.1 | mg/kg | 2.5 | 10/05/91 | HT |
| 0155A | Lead by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 20 | 10/05/91 | HT |
| 0161A | Nickel by ICP, Solids<br>Method: SW-846 6010 | 7.8 | mg/kg | 2.5 | 10/05/91 | HT |
| 0166A | Silver by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 1 | 10/05/91 | HT |
| 0172A | Zinc by ICP, Solids<br>Method: SW-846 6010 | 22.4 | mg/kg | 1.0 | 10/05/91 | HT |

Southwest Construction Managers

GSAI Sample: 29859
GSAI Group: 5269

Sample ID: SELFIL2

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 0525A | Thallium by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 50 | 10/05/91 | HT |
| 0159 | Mercury by Cold Vapor AA, Solids<br>Method: SW-846 7471 | ND | mg/kg | 0.25 | 10/03/91 | HT |
| 5233 | Phenolics, Solids<br>Method: SW-846 9065 | 1.78 | mg/kg | 0.25 | 10/03/91 | DS |
| 6242 | Total Cyanide<br>Method: SW-846 9010 | ND | mg/kg | 0.25 | 10/04/91 | DS |
| 1224 | PP Pesticides and PCBs<br>Method: SW-846 8080 | | | | | |
| | Aldrin | ND | mg/kg | 0.0080 | 10/07/91 | MD |
| | alpha-BHC | ND | mg/kg | 0.0080 | 10/07/91 | MD |
| | beta-BHC | ND | mg/kg | 0.0080 | 10/07/91 | MD |
| | gamma-BHC (Lindane) | ND | mg/kg | 0.0080 | 10/07/91 | MD |
| | delta-BHC | ND | mg/kg | 0.0080 | 10/07/91 | MD |
| | Chlordane | ND | mg/kg | 0.080 | 10/07/91 | MD |
| | 4,4'-DDT | ND | mg/kg | 0.0160 | 10/07/91 | MD |
| | 4,4'-DDE | ND | mg/kg | 0.0160 | 10/07/91 | MD |
| | 4,4'-DDD | ND | mg/kg | 0.0160 | 10/07/91 | MD |
| | Dieldrin | ND | mg/kg | 0.0160 | 10/07/91 | MD |
| | Endosulfan I | ND | mg/kg | 0.0080 | 10/07/91 | MD |
| | Endosulfan II | ND | mg/kg | 0.0160 | 10/07/91 | MD |
| | Endosulfan sulfate | ND | mg/kg | 0.0160 | 10/07/91 | MD |
| | Endrin | ND | mg/kg | 0.0160 | 10/07/91 | MD |
| | Endrin aldehyde | ND | mg/kg | 0.0160 | 10/07/91 | MD |
| | Heptachlor | ND | mg/kg | 0.0080 | 10/07/91 | MD |
| | Heptachlor epoxide | ND | mg/kg | 0.0080 | 10/07/91 | MD |
| | PCB 1016 | ND | mg/kg | 0.080 | 10/07/91 | MD |
| | PCB 1221 | ND | mg/kg | 0.080 | 10/07/91 | MD |
| | PCB 1232 | ND | mg/kg | 0.080 | 10/07/91 | MD |
| | PCB 1242 | ND | mg/kg | 0.080 | 10/07/91 | MD |
| | PCB 1248 | ND | mg/kg | 0.080 | 10/07/91 | MD |
| | PCB 1254 | ND | mg/kg | 0.160 | 10/07/91 | MD |
| | PCB 1260 | ND | mg/kg | 0.160 | 10/07/91 | MD |
| | Toxaphene | ND | mg/kg | 0.160 | 10/07/91 | MD |

Southwest Construction Managers

GSAI Sample: 29859
GSAI Group: 5269

Sample ID: SELFIL2

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 1177 | PP Volatiles, Solids GC/MS Method: SW-846 8240 | | | | | |
| | Acrolein | ND | mg/kg | 0.050 | 10/02/91 | NG |
| | Acrylonitrile | ND | mg/kg | 0.030 | 10/02/91 | NG |
| | Benzene | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Bromoform | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Bromomethane | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Carbon tetrachloride | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Chlorobenzene | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Chlorodibromomethane | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Chloroethane | ND | mg/kg | 0.010 | 10/02/91 | NG |
| | Chloroform | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Chloromethane | ND | mg/kg | 0.010 | 10/02/91 | NG |
| | 2-Chloroethylvinyl ether | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Bromodichloromethane | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | 1,1-Dichloroethane | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | 1,2-Dichloroethane | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | 1,1-Dichloroethene | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | 1,2-Dichloropropane | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | cis-1,3-Dichloropropene | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | trans-1,3-Dichloropropene | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Ethylbenzene | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Dichloromethane (Methylene chloride | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Tetrachloroethene | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Toluene | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | trans-1,2-Dichloroethene | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | 1,1,1-Trichloroethane | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | 1,1,2-Trichloroethane | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Trichloroethene | ND | mg/kg | 0.005 | 10/02/91 | NG |
| | Trichlorofluoromethane | ND | mg/kg | 0.010 | 10/02/91 | NG |
| | Vinyl chloride | ND | mg/kg | 0.010 | 10/02/91 | NG |
| 1198 | Priority Pollutant A/B/N Method: SW-846 8270 | | | | | |
| | Acenaphthene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Acenaphthylene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Anthracene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Benzidine | ND | mg/kg | 0.660 | 10/04/91 | LG |

Southwest Construction Managers

GSAI Sample: 29859
GSAI Group: 5269

Sample ID: SELFIL2

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 1198 | Priority Pollutant A/B/N Method: SW-846 8270 | | | | | |
| | Benzo(a)anthracene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Benzo(a)pyrene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Benzo(b)fluoranthene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Benzo(ghi)perylene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Benzo(k)fluoranthene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | bis(2-Chloroethoxy)methane | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | bis(2-Chloroethyl)ether | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | bis(2-Chloroisopropyl)ether | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | bis(2-Ethylhexyl)phthalate | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 4-Bromophenylphenyl ether | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Butylbenzyl phthalate | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 2-Chloronaphthalene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 4-Chlorophenylphenyl ether | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Chrysene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Dibenzo(a,h)anthracene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 1,2-Dichlorobenzene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 1,3-Dichlorobenzene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 1,4-Dichlorobenzene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 3,3'-Dichlorobenzidine | ND | mg/kg | 0.660 | 10/04/91 | LG |
| | Diethyl phthalate | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Dimethyl phthalate | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Di-n-butyl phthalate | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 2,4-Dinitrotoluene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 2,6-Dinitrotoluene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Di-n-octyl phthalate | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 1,2-Diphenylhydrazine | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Fluoranthene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Fluorene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Hexachlorobenzene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Hexachloro-1,3-butadiene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Hexachlorocyclopentadiene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Hexachloroethane | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Indeno(1,2,3-cd)pyrene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Isophorone | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Naphthalene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Nitrobenzene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | N-Nitrosodimethylamine | ND | mg/kg | 0.330 | 10/04/91 | LG |

Southwest Construction Managers

GSAI Sample: 29859
GSAI Group: 5269

Sample ID: SELFIL2

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 1198 | Priority Pollutant A/B/N Method: SW-846 8270 | | | | | |
| | N-Nitrosodi-n-propylamine | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | N-Nitrosodiphenylamine | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Phenanthrene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Pyrene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 1,2,4-Trichlorobenzene | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 2-Chlorophenol | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 2,4-Dichlorophenol | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 2,4-Dimethylphenol | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 4,6-Dinitro-o-cresol | ND | mg/kg | 1.60 | 10/04/91 | LG |
| | 2,4-Dinitrophenol | ND | mg/kg | 1.60 | 10/04/91 | LG |
| | 2-Nitrophenol | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 4-Nitrophenol | ND | mg/kg | 1.60 | 10/04/91 | LG |
| | 4-Chloro-3-methylphenol | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | Pentachlorophenol | ND | mg/kg | 1.60 | 10/04/91 | LG |
| | Phenol | ND | mg/kg | 0.330 | 10/04/91 | LG |
| | 2,4,6-Trichlorophenol | ND | mg/kg | 0.330 | 10/04/91 | LG |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

Damien E. Durbin, Ph.D.
Project Manager

5450 Northwest Central Drive, Suite 110
Houston, Texas 77092, (713) 690-4444, FAX

# ANALYSIS REPORT

Southwest Construction Managers
16000 Memorial Drive Suite 200
Houston, TX 77079

Attn: Mr. Dan Simeone
Project: Otto Wolff Sealy, TX

Sample ID: Topsoil 1
Matrix: Soil

GSAI Sample: 29346
GSAI Group: 5180
Date Reported: 10/10/91
Discard Date: 10/26/91
Date Submitted: 09/18/91
Date Sampled: 09/18/91
Collected by: DS
Purchase Order:
Project No.: 130-15

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 1145 | Arsenic by Furnace AA, Solids<br>Method: SW-846 7060 | 1.5 | mg/kg | 1.0 | 09/24/91 | HT |
| 1164 | Selenium by Furnace AA, Solids<br>Method: SW-846 7740 | ND | mg/kg | 0.50 | 09/26/91 | HT |
| 0144A | Antimony by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 4 | 09/24/91 | HT |
| 0147A | Beryllium by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 0.5 | 09/24/91 | HT |
| 0149A | Cadmium by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 0.5 | 09/24/91 | HT |
| 0151A | Chromium by ICP, Solids<br>Method: SW-846 6010 | 3.4 | mg/kg | 2.0 | 09/24/91 | HT |
| 0153A | Copper by ICP, Solids<br>Method: SW-846 6010 | 3.6 | mg/kg | 2.5 | 09/24/91 | HT |
| 0155A | Lead by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 20 | 09/24/91 | HT |
| 0161A | Nickel by ICP, Solids<br>Method: SW-846 6010 | 5.0 | mg/kg | 2.5 | 09/24/91 | HT |
| 0166A | Silver by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 1 | 09/24/91 | HT |
| 0172A | Zinc by ICP, Solids<br>Method: SW-846 6010 | 14.3 | mg/kg | 1.0 | 09/24/91 | HT |

Southwest Construction Managers

GSAI Sample: 29346
GSAI Group: 5180

Sample ID: Topsoil 1

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 0525A | Thallium by ICP, Solids<br>Method: SW-846 6010 | ND | mg/kg | 50 | 09/24/91 | HT |
| 0159 | Mercury by Cold Vapor AA, Solids<br>Method: SW-846 7471 | ND | mg/kg | 0.25 | 09/26/91 | AB |
| 5233 | Phenolics, Solids<br>Method: SW-846 9065 | 0.75 | mg/kg | 0.25 | 09/25/91 | DS |
| 6242 | Total Cyanide<br>Method: SW-846 9010 | ND | mg/kg | 0.25 | 09/24/91 | DS |
| 1224 | PP Pesticides and PCBs<br>Method: SW-846 8080 | | | | | |
| | Aldrin | ND | mg/kg | 0.0080 | 10/09/91 | MD |
| | alpha-BHC | ND | mg/kg | 0.0080 | 10/09/91 | MD |
| | beta-BHC | ND | mg/kg | 0.0080 | 10/09/91 | MD |
| | gamma-BHC (Lindane) | ND | mg/kg | 0.0080 | 10/09/91 | MD |
| | delta-BHC | ND | mg/kg | 0.0080 | 10/09/91 | MD |
| | Chlordane | ND | mg/kg | 0.080 | 10/09/91 | MD |
| | 4,4'-DDT | ND | mg/kg | 0.0160 | 10/09/91 | MD |
| | 4,4'-DDE | ND | mg/kg | 0.0160 | 10/09/91 | MD |
| | 4,4'-DDD | ND | mg/kg | 0.0160 | 10/09/91 | MD |
| | Dieldrin | ND | mg/kg | 0.0160 | 10/09/91 | MD |
| | Endosulfan I | ND | mg/kg | 0.0080 | 10/09/91 | MD |
| | Endosulfan II | ND | mg/kg | 0.0160 | 10/09/91 | MD |
| | Endosulfan sulfate | ND | mg/kg | 0.0160 | 10/09/91 | MD |
| | Endrin | ND | mg/kg | 0.0160 | 10/09/91 | MD |
| | Endrin aldehyde | ND | mg/kg | 0.0160 | 10/09/91 | MD |
| | Heptachlor | ND | mg/kg | 0.0080 | 10/09/91 | MD |
| | Heptachlor epoxide | ND | mg/kg | 0.0080 | 10/09/91 | MD |
| | PCB 1016 | ND | mg/kg | 0.080 | 10/09/91 | MD |
| | PCB 1221 | ND | mg/kg | 0.080 | 10/09/91 | MD |
| | PCB 1232 | ND | mg/kg | 0.080 | 10/09/91 | MD |
| | PCB 1242 | ND | mg/kg | 0.080 | 10/09/91 | MD |
| | PCB 1248 | ND | mg/kg | 0.080 | 10/09/91 | MD |
| | PCB 1254 | ND | mg/kg | 0.160 | 10/09/91 | MD |
| | PCB 1260 | ND | mg/kg | 0.160 | 10/09/91 | MD |
| | Toxaphene | ND | mg/kg | 0.160 | 10/09/91 | MD |

Southwest Construction Managers

GSAI Sample: 29346
GSAI Group: 5180

Sample ID: Topsoil 1

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 1177 | PP Volatiles, Solids GC/MS Method: SW-846 8240 | | | | | |
| | Acrolein | ND | mg/kg | 0.050 | 09/20/91 | CB |
| | Acrylonitrile | ND | mg/kg | 0.030 | 09/20/91 | CB |
| | Benzene | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Bromoform | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Bromomethane | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Carbon tetrachloride | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Chlorobenzene | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Chlorodibromomethane | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Chloroethane | ND | mg/kg | 0.010 | 09/20/91 | CB |
| | Chloroform | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Chloromethane | ND | mg/kg | 0.010 | 09/20/91 | CB |
| | 2-Chloroethylvinyl ether | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Bromodichloromethane | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | 1,1-Dichloroethane | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | 1,2-Dichloroethane | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | 1,1-Dichloroethene | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | 1,2-Dichloropropane | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | cis-1,3-Dichloropropene | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | trans-1,3-Dichloropropene | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Ethylbenzene | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Dichloromethane (Methylene chloride | 0.140 | mg/kg | 0.005 | 09/20/91 | CB |
| | 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Tetrachloroethene | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Toluene | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | trans-1,2-Dichloroethene | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | 1,1,1-Trichloroethane | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | 1,1,2-Trichloroethane | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Trichloroethene | ND | mg/kg | 0.005 | 09/20/91 | CB |
| | Trichlorofluoromethane | ND | mg/kg | 0.010 | 09/20/91 | CB |
| | Vinyl chloride | ND | mg/kg | 0.010 | 09/20/91 | CB |
| 1198 | Priority Pollutant A/B/N Method: SW-846 8270 | | | | | |
| | Acenaphthene | ND | mg/kg | 0.330 | 09/27/91 | LG |
| | Acenaphthylene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Anthracene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Benzidine | ND | mg/kg | 0.660 | 09/22/91 | LG |

Southwest Construction Managers

GSAI Sample: 29346
GSAI Group: 5180

Sample ID: Topsoil 1

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 1198 | Priority Pollutant A/B/N Method: SW-846 8270 | | | | | |
| | Benzo(a)anthracene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Benzo(a)pyrene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Benzo(b)fluoranthene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Benzo(ghi)perylene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Benzo(k)fluoranthene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | bis(2-Chloroethoxy)methane | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | bis(2-Chloroethyl)ether | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | bis(2-Chloroisopropyl)ether | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | bis(2-Ethylhexyl)phthalate | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 4-Bromophenylphenyl ether | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Butylbenzyl phthalate | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 2-Chloronaphthalene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 4-Chlorophenylphenyl ether | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Chrysene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Dibenzo(a,h)anthracene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 1,2-Dichlorobenzene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 1,3-Dichlorobenzene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 1,4-Dichlorobenzene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 3,3'-Dichlorobenzidine | ND | mg/kg | 0.660 | 09/22/91 | LG |
| | Diethyl phthalate | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Dimethyl phthalate | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Di-n-butyl phthalate | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 2,4-Dinitrotoluene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 2,6-Dinitrotoluene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Di-n-octyl phthalate | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 1,2-Diphenylhydrazine | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Fluoranthene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Fluorene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Hexachlorobenzene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Hexachloro-1,3-butadiene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Hexachlorocyclopentadiene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Hexachloroethane | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Indeno(1,2,3-cd)pyrene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Isophorone | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Naphthalene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Nitrobenzene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | N-Nitrosodimethylamine | ND | mg/kg | 0.330 | 09/22/91 | LG |

Southwest Construction Managers

GSAI Sample: 29346
GSAI Group: 5180

Sample ID: Topsoil 1

| Test | Analysis | Results | Units | Limit of Quantitation | Date Extracted/ Analyzed | Analyst |
|---|---|---|---|---|---|---|
| 1198 | Priority Pollutant A/B/N Method: SW-846 8270 | | | | | |
| | N-Nitrosodi-n-propylamine | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | N-Nitrosodiphenylamine | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Phenanthrene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Pyrene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 1,2,4-Trichlorobenzene | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 2-Chlorophenol | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 2,4-Dichlorophenol | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 2,4-Dimethylphenol | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 4,6-Dinitro-o-cresol | ND | mg/kg | 1.60 | 09/22/91 | LG |
| | 2,4-Dinitrophenol | ND | mg/kg | 1.60 | 09/22/91 | LG |
| | 2-Nitrophenol | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 4-Nitrophenol | ND | mg/kg | 1.60 | 09/22/91 | LG |
| | 4-Chloro-3-methylphenol | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | Pentachlorophenol | ND | mg/kg | 1.60 | 09/22/91 | LG |
| | Phenol | ND | mg/kg | 0.330 | 09/22/91 | LG |
| | 2,4,6-Trichlorophenol | ND | mg/kg | 0.330 | 09/22/91 | LG |

Respectfully Submitted,
Gulf States Analytical, Inc.
Reviewed and Approved by:

Damien E. Durbin, Ph.D.
Project Manager

# APPENDIX G

## Hazardous Waste Manifests: PCB Affected Soil

TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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

Form approved: OMB No. 2050-0039, expires 09-30-91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761 — Manifest Document No.: 00001

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

3. Generator's Name and Mailing Address: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone (713) 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00286809

B. State Generator's ID: XXX07 DRL

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312

D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad

8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441

F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address: U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah

10. US EPA ID Number: UTD 991301748

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 13705 ~~66330~~ DRL | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: D-81

15. Special Handling Instructions and Additional Information DRL
DIKE AND CONTAIN
CONTACT FERRUM TRADING, INC. ATTN: MARK JACKSON (713) 487 6694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year: 08 27 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: DAVID RAMSEY — Signature: David Ramsey — Month Day Year: 08 27 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: Abel TREVINO — Signature: Abel Trevino — Month Day Year: 09 06 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
Line 11a TQ 17,923 Kg O/S 8-27-91 M Jackson 9-23-91 Chg 916-13280

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

Printed/Typed Name: MARK SANDOVAL — Signature: [signature] — Month Day Year: 09 13 91

White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

4327 030233

(Form designed for use on elite (12-pitch) typewriter.)

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

| ...M HAZARDOUS ...STE MANIFEST (Continuation Sheet) | 21. Generator's US EPA ID No. 40 CFR 761 | Manifest Document No. 00001 | 22. Page 2 of 2 | Information in the shaded areas is not required by Federal law. |
|---|---|---|---|---|

| | |
|---|---|
| ...3. Generator's Name Otto Wolff U.S. Holding Corp. 3515 Preston Road, Suite 102 Pasadena, TX 77505 | L. State Manifest Document Number |
| | M. State Generator's ID |
| 24. Transporter 3 Company Name USPCI — 25. US EPA ID Number OKD981514474 | N. State Transporter's ID 40312 |
| | O. Transporter's Phone 405/324-5011 |
| 26. Transporter ___ Company Name — 27. US EPA ID Number | P. State Transporter's ID |
| | Q. Transporter's Phone |

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

GENERATOR

| S. Additional Descriptions for Materials Listed Above | T. Handling Codes for Wastes Listed Above |
|---|---|
| | |

32. Special Handling Instructions and Additional Information

TRANSPORTER

| 33. Transporter 3 Acknowledgement of Receipt of Materials | | Date |
|---|---|---|
| Printed/Typed Name USPCI Walter O Blaz 22 86 | Signature Walter O Blazard | Month 09 Day 10 Year 91 |
| 34. Transporter ___ Acknowledgement of Receipt of Materials | | Date |
| Printed/Typed Name | Signature | Month Day Year |

FACILITY

35. Discrepancy Indication Space

2

916-13250

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EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete

# 53303

BOX: 030234

TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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

Form approved. OMB No. 2050-0039, expires 09-30-91

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.: 40 CFR PAR 761 — Manifest Document No.: 00002
2. Page 1 of 2 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone ( 713 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00286810

B. State Generator's ID: XXX07

5. Transporter 1 Company Name: USPCI
6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312
D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad
8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441
F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address: U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah
10. US EPA ID Number: UTD 991301748

G. State Facility's ID: UT 95001
H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 16145 ~~78144~~ | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: D-81

15. Special Handling Instructions and Additional Information
PIKE AND CONTAIN
CONTACT: FERRUM TRADING, INC, ATTN. MARK JACKSON (713) 487 6694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year: 08 27 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: Larry R Walker — Signature: Larry R Walker — Month Day Year: 08 27 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: R.E. CHAMPAGNE — Signature: [signature] — Month Day Year: 9 6 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
916-13105

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date
Printed/Typed Name: Mark SANDOVAL — Signature: [signature] — Month Day Year: 09 11 91

TWC-0311 (Rev. 01/01/89)

White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

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**UNIFORM HAZARDOUS WASTE MANIFEST**
***(Continuation Sheet)***

21. Generator's US EPA ID No. 40 CFR 761

Manifest Document No. 00002

22. Page 2 of 2

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

23. Generator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name USPCI

25. US EPA ID Number OKD981514474

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter 4 Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| | 28. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)* | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

34. Transporter 4 Acknowledgement of Receipt of Materials

Printed/Typed Name Charles Christensen

Signature Charles A Christensen

Date: Month 9 Day 11 Year 91

FACILITY

35. Discrepancy Indication Space

4

916-1305

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EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete.

ER COMMISSION
3087, Capitol Station
Texas 78711-3087

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

Form approved. OMB No. 2050-0039, expires 09-30-91

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. 40 CFR PAR 761 — Manifest Document No. 00003

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

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
4. Generator's Phone (713) 487-6694 Pasadena, TX 77505

A. State Manifest Document Number № 00286811
B. State Generator's ID XXX07
C. State Transporter's ID 40312
D. Transporter's Phone 405/324-5011
E. State Transporter's ID 40441
F. Transporter's Phone 713/671-4523
G. State Facility's ID UT 95001
H. Facility's Phone 801/595-3900

5. Transporter 1 Company Name: USPCI — 6. US EPA ID Number: OKD 981514474
7. Transporter 2 Company Name: Union Pacific Railroad — 8. US EPA ID Number: NED 001792910
9. Designated Facility Name and Site Address: U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah — 10. US EPA ID Number: UTD 991301748

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 14900 ~~72166~~ | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above
D-81

15. Special Handling Instructions and Additional Information
DIKE AND CONTAIN
CONTACT FERRUM TRADING, INC ATTN MARK JACKSON (713) 487 6694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year: 08 27 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: Dale Rinehart — Signature: Dale Rinehart — Month Day Year: 08 27 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: Charles P. Faulkner — Signature: [illegible] — Month Day Year: [illegible]

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
916-1312

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date
Printed/Typed Name: MARK SANDOVAL — Signature: [illegible] — Month Day Year: 09 11 91

TWC-0311 (Rev. 01/01/89) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

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**UNIFORM HAZARDOUS WASTE MANIFEST**
***(Continuation Sheet)***

21. Generator's US EPA ID No. 40 CFR 761

Manifest Document No. 00003

22. Page 2 of 2

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

23. Generator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name USPCI

25. US EPA ID Number OKD981514474

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| | 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name: ~~USPCI~~ Kenneth D Taylor

Signature: Kenneth D Taylor

Date: Month 09 Day 11 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

6

916-13112

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TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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Form approved. OMB No. 2050-0039, expires 09-30-91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761 — Manifest Document No.: 00004

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

3. Generator's Name and Mailing Address:
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone ( 713 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00286812

B. State Generator's ID: XXX07

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312

D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad

8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441

F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address:
U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah

10. US EPA ID Number: Grassy Inter Facility
UTD 991301748

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 14086 ~~6817.8~~ | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: 081

15. Special Handling Instructions and Additional Information
DIKE AND CONTAIN
CONTACT FERRUM TRADING, INC ATTN: MARK JACKSON (713) 487-6694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: ROLAND C GREEN — Signature: Roland C Green — Month Day Year: 08 27 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: Charles P. Faulkner — Signature: Charles P. Faulkner — Month Day Year: 9 4 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date: 9/6-13/44
Printed/Typed Name: A C Lorenzo — Signature: [signature] — Month Day Year: 09 1 91

TWC-0311 (Rev. 01/01/89)

White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

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**UNIFORM HAZARDOUS WASTE MANIFEST**
***(Continuation Sheet)***

21. Generator's US EPA ID No.: 40 CFR 761

Manifest Document No.: 00004

22. Page: 2 of 2

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

23. Generator's Name: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name: Joe Brown ~~USPCI~~

25. US EPA ID Number: OKD 093 ~~OKD981514476~~

N. State Transporter's ID: 40312

O. Transporter's Phone: ~~405/324-5011~~

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID: 405-620-4431

Q. Transporter's Phone

| | 28. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)* | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

GENERATOR

TRANSPORTER

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name: Wallace Rowan

Signature: Wallace Rowan

Date: Month 09 Day 11 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

8

96-13144

Style F16 REV-6 LABELMASTER, Div. of AMERICAN LABELMARK CO., CHICAGO, IL 60646 800-621-5808

EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete.

TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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Form approved. OMB No. 2050-0039, expires 09-30-91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 40 CFR PAR 761 — Manifest Document No. 00005

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

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone ( 713 ) 487-6694 Pasadena, TX 77505

A. State Manifest Document Number № 00286813

B. State Generator's ID XXX07

5. Transporter 1 Company Name: USPCI — 6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312

D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad — 8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441

F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc. GRASSY MTN FACILITY
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah

10. US EPA ID Number: UTD 991301748

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 16273 ~~78760~~ | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
[redacted]-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above
D81

15. Special Handling Instructions and Additional Information
DILUTE AND CONTAIN
CONTACT FERRUM TRADING, INC ATTN MARK JACKSON (713) 487-6694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year: 08 27 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: Dale Rinehart — Signature: Dale Rinehart — Month Day Year: 08 27 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: Charles D. Faulkner — Signature: [signature] — Month Day Year: 9 6 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
LINE 11(A) O/S DATE 8/26/91 916-13104

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

Printed/Typed Name: A.C. Romero — Signature: [signature] — Date Month Day Year: 09 1 91

TWC-0311 (Rev. 01/01/89)

White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

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**UNIFORM HAZARDOUS WASTE MANIFEST**
***(Continuation Sheet)***

21. Generator's US EPA ID No. 40 CFR 761

Manifest Document No. 00005

22. Page 2 of 2

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

23. Generator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name Joe Brown ~~USPCI~~

US EPA ID Number ~~OKD961514474~~ OKD045347093

N. State Transporter's ID ~~40312~~

O. Transporter's Phone ~~405/324-5011~~

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| | 28. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)* | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

#1345

TRANSPORTER

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY W. CARGILL

Signature: Jerry W. Cargill

Date: Month 09 Day 1 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

10

916-1304

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P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761 — Manifest Document No.: 00006
2. Page 1 of 2 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone ( 713 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00286815
B. State Generator's ID: XXX07 DPL

5. Transporter 1 Company Name: USPCI
6. US EPA ID Number: OKD 981514474
C. State Transporter's ID: 40312
D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad
8. US EPA ID Number: NED 001792910
E. State Transporter's ID: 40441
F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address:
U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah
10. US EPA ID Number: Grassy Mtn Facility UTD 991301748
G. State Facility's ID: UT 95001
H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 15564 ~~75320~~ DPL | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: 08/.

15. Special Handling Instructions and Additional Information DPL
Dike and Contain
Contact Ferrum Trading, Inc, Attn Mark Jackson (713) 487-6694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month 08 Day 27 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: Roland C Green — Signature: Roland C Green — Month 08 Day 27 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: X Rola Charles P. Faulkner — Signature: Charles P. Faulkner — Month 9 Day 6 Year 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 — Date 9/6-13/53
Printed/Typed Name: A C Romero — Signature: A C Romero — Month 09 Day 11 Year 91

TWC-0311 (Rev. 01/01/89)

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

**UNIFORM HAZARDOUS WASTE MANIFEST**
***(Continuation Sheet)***

21. Generator's US EPA ID No.: 40 CFR 761

Manifest Document No.: 00006

22. Page: 2 of 2

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

23. Generator's Name: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name: USPCI

25. US EPA ID Number: OKD981514474

N. State Transporter's ID: 40312

O. Transporter's Phone: 405/324-5011

26. Transporter 4 Company Name: Joe Brown Co.

27. US EPA ID Number: OKD045347093

P. State Transporter's ID

Q. Transporter's Phone

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

GENERATOR

TRANSPORTER

33. Transporter 4 Acknowledgement of Receipt of Materials

Printed/Typed Name: MARK WRIGHT

Signature: Mark Wright

Date: Month Day Year 09/7/91

34. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name: MARK WRIGHT

Signature: Mark Wright

Date: Month Day Year 09/11/91

FACILITY

35. Discrepancy Indication Space

12

9/6-13/53

XAS WATER COMMISSION
.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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Form approved. OMB No. 2050-0039, expires 09-30-91

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.: 40 CFR PART 761
Manifest Document No.: 00007
2. Page 1 of 2
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
4. Generator's Phone ( 713 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00286816
B. State Generator's ID: XXX07

5. Transporter 1 Company Name: USPCI
6. US EPA ID Number: OKD 981514474
C. State Transporter's ID: 40312
D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad
8. US EPA ID Number: NED 001792910
E. State Transporter's ID: 40441
F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc. GLASSY MTN FACILITY
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah
10. US EPA ID Number: UTD 991301748
G. State Facility's ID: UT 95001
H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 90244 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above
D-81

15. Special Handling Instructions and Additional Information
DIKE AND CONTAIN
Contact FERRUM TRADING, INC, ATTN MARK JACKSON (713) 487-6694

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

Printed/Typed Name: Mark J. Jackson
Signature: Mark J. Jackson
Date: Month 08 Day 27 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: GEORGE FISHER
Signature: George F Fisher
Date: Month 08 Day 27 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: LEON STOTS
Signature: Leon Stots
Date: Month 8 Day 28 Year 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
LINELLA. TQ 19,085 KG O/S DATE 8-27-91 M. JACKSON 9-23-91 916-13235

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: ANTHONY C. FRANCO
Signature: Anthony C. Franco
Date: Month 09 Day 28 Year 91

GENERATOR
TRANSPORTER
FACILITY

White-Original, Pink-TSD Facility, Yellow-Transporter, Green-Generator's first copy

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**FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)**

21. Generator's US EPA ID No. 40 CFR 761

Manifest Document No. 00007

22. Page 2 of 2

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

23. Generator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name USPCI

25. US EPA ID Number OKD981514474

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

GENERATOR

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name USPCI Walter D Blazzard

Signature Walter D Blazzard

Date Month 09 Day 12 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date Month Day Year

TRANSPORTER

35. Discrepancy Indication Space

FACILITY

14

916-13235

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EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete

TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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

Form approved. OMB No. 2050-0039, expires 09-30-91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761 — Manifest Document No.: 00008

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

3. Generator's Name and Mailing Address:
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone ( 713 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00431059

B. State Generator's ID: XXX07

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312

D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad

8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441

F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address:
U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah

10. US EPA ID Number: UTD 991301748

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 82830 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above:
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: D81

15. Special Handling Instructions and Additional Information
DIKE AND CONTAIN SPILL
CONTACT FERRUM TRADING INC ATTN MARK JACKSON (713) 487 6694

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, including applicable state regulations.
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Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year: 08 27 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: Elwin R Brown Jr — Signature: Elwin R Brown Jr — Month Day Year: 08 27 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: LEON Stots — Signature: Leon Stots — Month Day Year:

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
LINE 11a TQ 17,596 KG O/S DATE 8-27-91 M. JACKSON 9-23-91 Clwck

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. 91G 13207 — Date

Printed/Typed Name: N. L. Kingsley — Signature: N L Kingsley — Month Day Year: 09 12 91

White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

Type. (Form designed for use on elite (12-pitch) typewriter.)

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

# FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No. 40 CFR 761

Manifest Document No. 00008

22. Page 2 of 2

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

23. Generator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name USPCI

25. US EPA ID Number OKD981514474

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name: Mitch Hanson

Signature: Mitch Hanson

Date: Month 09 Day 12 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

16

13207

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EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete.

...ER COMMISSION
... 13087, Capitol Station
...in, Texas 78711-3087

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Form approved. OMB No. 2050-0039, expires 09-30-91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761 — Manifest Document No.: 000 09

2. Page 1 of 2

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

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone ( 713 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00431058

B. State Generator's ID: YXX07

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312

D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad

8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441

F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah

10. US EPA ID Number: Grassy Mtn Facility R — UTD 991301748

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 98956 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above
D-81

15. Special Handling Instructions and Additional Information
DIKE AND CONTAIN SPILL
CONTACT: FERRUM TRADING, INC ATTN: MARK JACKSON (713) 4876694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year: 08 27 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: DAVID RAMSEY — Signature: David Ramsey — Month Day Year: 08 27 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: LEON STOTS — Signature: Leon Stots — Month Day Year: 9 5 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
LINE 11a TQ 21,161 KG O/S DATE 8-27-91 M. JACKSON 9-23-91 Check 916 12982

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

Printed/Typed Name: A C Romero — Signature: A C Romero — Month Day Year: 09 09 91

GENERATOR / TRANSPORTER / FACILITY

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FWC-0311 (Rev. 01/01/89)

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**HAZARDOUS WASTE MANIFEST (Continuation Sheet)**

21. Generator's US EPA ID No. 40 CFR 761

Manifest Document No. 00009

22. Page 2 of 2

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

Generator's Name: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name: USPCI

25. US EPA ID Number: bKD981514474

N. State Transporter's ID: 40312

O. Transporter's Phone: 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| | 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name: Kenneth D Taylor

Signature: Kenneth D Taylor

Date: Month 09 Day 09 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

18

916-12882

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TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

Form approved. OMB No. 2050-0039, expires 09-30-91

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# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761
Manifest Document No.: 00010

2. Page 1 of 2

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

A. State Manifest Document Number: № 00431068

B. State Generator's ID: XXX07

3. Generator's Name and Mailing Address: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone: (713) 487-6694 Pasadena, TX 77505

5. Transporter 1 Company Name: USPCI
6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312
D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad
8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441
F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address: U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah
10. US EPA ID Number: UTD 991301748

G. State Facility's ID: UT 95001
H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 78650 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: D81

15. Special Handling Instructions and Additional Information
DIKE AND CONTAIN IF SPILLED
CONTACT MARK JACKSON, FERRUM TRADING, INC (713) 487-6694

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

Printed/Typed Name: Mark J. Jackson
Signature: Mark J. Jackson
Month Day Year: 08 28 91
Date

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID RAMSEY
Signature: David Ramsey
Month Day Year: 08 28 91
Date

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: LEON STOTS
Signature: Leon Stots
Month Day Year: 8 27 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
LINE 11a TQ 16,871 KG O/S DATE 8-28-91 M. JACKSON 9-23-91 Check

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. 91G1323
Date

19

Printed/Typed Name: N. L. Kingsley
Signature: N. L. Kingsley
Month Day Year: 09 1 91

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**UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)**

21. Generator's US EPA ID No. 40 CFR 761

Manifest Document No. 00010

22. Page 2 of 2

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

23. Generator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name USPCI

25. US EPA ID Number OKD981514474

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name Kenny Lynn

Signature Kenny Lynn

Date Month 09 Day 12 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date Month Day Year

FACILITY

35. Discrepancy Indication Space

20 916-13240



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TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. 40 CFR PAR 761 — Manifest Document No. 00011

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

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

4. Generator's Phone (713)487-6694

A. State Manifest Document Number № 00431064
B. State Generator's ID XXX07

5. Transporter 1 Company Name: USPCI
6. US EPA ID Number: OKD 981514474
C. State Transporter's ID 40312
D. Transporter's Phone 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad
8. US EPA ID Number: NED 001792910
E. State Transporter's ID 40441
F. Transporter's Phone 713/671-4523

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah
10. US EPA ID Number: UTD 991301748
G. State Facility's ID UT 95001
H. Facility's Phone 801/595-3900

| 11. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | 12. Containers Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 75944 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above
D-81

15. Special Handling Instructions and Additional Information
DIKE AND CONTAIN IF SPILLED
CONTACT MARK JACKSON, FERRUM TRADING, INC (713) 487 6694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year: 08 28 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: ROLAND C GREEN — Signature: Roland C Green — Date: Month Day Year 08 28 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: LEON STOTS — Signature: Leon Stots — Date: Month Day Year 8 28 91

FACILITY

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
LINE 11a. TQ 15,637 KG O/S DATE 8-28-91 M. JACKSON 9-23-91 Chuck 916-12668

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARK SANDOVAL — Signature: — Date: Month Day Year 09 04 91

TWC-0311 (Rev. 01/01/89) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

(Form designed for use on elite (12-pitch) typewriter.)

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| HAZARDOUS E MANIFEST (Continuation Sheet) | 21. Generator's US EPA ID No. 40 CFR 761 | Manifest Document No. 00011 | 22. Page 2 of 2 | Information in the shaded areas is not required by Federal law. |
|---|---|---|---|---|

Generator's Name: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

| 24. Transporter 3 Company Name | 25. US EPA ID Number | N. State Transporter's ID 40312 |
|---|---|---|
| USPCI | OKD981514474 | O. Transporter's Phone 405/324-5011 |
| 26. Transporter Company Name | 27. US EPA ID Number | P. State Transporter's ID |
| | | Q. Transporter's Phone |

| | 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

| 33. Transporter 3 Acknowledgement of Receipt of Materials | | Date |
|---|---|---|
| Printed/Typed Name: USPCI Walter D Blazzard | Signature: Walter D Blazzard | Month Day Year: 09 04 91 |
| 34. Transporter ____ Acknowledgement of Receipt of Materials | | Date |
| Printed/Typed Name | Signature | Month Day Year |

FACILITY

35. Discrepancy Indication Space

22

91G-12668

TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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Lot # 53686

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761 — Manifest Document No.: 00012

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

3. Generator's Name and Mailing Address: Otto Wolff U.S. Holding Corp. 3515 Preston Road, Suite 102

4. Generator's Phone (713) 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00431063

B. State Generator's ID: DPS XXX07

5. Transporter 1 Company Name: USPCI — 6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312

D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad — 8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441

F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address: U.S. Pollution Control, Inc. 3 Miles East, 7 Miles North of Exit 41 off I-80 Clive, Utah — 10. US EPA ID Number: Grassy Mtn Facility UTD 991301748

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 72182 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: 081.

15. Special Handling Instructions and Additional Information: DPS
DIKE AND CONTAIN IF SPILLED
CONTACT MARK JACKSON, FERRUM TRADING, INC (713) 487 6694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year: 08 28 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: ROLAND C GREEN — Signature: Roland C Green — Month Day Year: 08 28 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: LEON STOB — Signature: Leon Stob — Month Day Year: 9 5 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
LINE 11a TQ 15,057 KG O/S DATE 8-28-91 Chuck TCW/M. Jackson 9-23-91 Chuck

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. 91G13012 — Date

Printed/Typed Name: Anthony C. Romero — Signature: Anthony C. Romero — Month Day Year: 09 10 91

TWC-0011 (Rev. 01/01/89) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

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

| ...M HAZARDOUS ...TE MANIFEST ...ntinuation Sheet) | 21. Generator's US EPA ID No. 40 CFR 761 | Manifest Document No. 00012 | 22. Page 2 of 2 | Information in the shaded areas is not required by Federal law. |
|---|---|---|---|---|

...enerator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name ~~USPCI~~ J. Brk

25. US EPA ID Number OKD 045 342 093 ~~OKD981514474~~

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter ✓ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

33. Transporter 5 Acknowledgement of Receipt of Materials

| Printed/Typed Name | Signature | Date Month Day Year |
|---|---|---|
| Wallace Rowan | Wallace Rowan | 09 09 91 |

34. Transporter ____ Acknowledgement of Receipt of Materials

| Printed/Typed Name | Signature | Date Month Day Year |
|---|---|---|
| | | |

35. Discrepancy Indication Space

24

13012

GENERATOR

TRANSPORTER

...ITY

Style: F16 REV-6 LABELMASTER, Div. of AMERICAN LABELMARK CO., CHICAGO, IL 60646 800-621-5808

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TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.: 40 CFR PAR 761 — Manifest Document No.: 00013
2. Page 1 of 2 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Otto Wolff U.S. Holding Corp. 3515 Preston Road, Suite 102
4. Generator's Phone: 713 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00286807
B. State Generator's ID: XXX07

5. Transporter 1 Company Name: USPCI
6. US EPA ID Number: OKD 981514474
C. State Transporter's ID: 40312
D. Transporter's Phone: 405/324-501

7. Transporter 2 Company Name: Union Pacific Railroad
8. US EPA ID Number: NED 001792910
E. State Transporter's ID: 40441
F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address: U.S. Pollution Control, Inc. 3 Miles East, 7 Miles North of Exit 41 off I-80 Clive, Utah
10. US EPA ID Number: Grassy Mtn Facility R 8/4/91 UTD 991301748
G. State Facility's ID: UT 95001
H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 61380 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: 081

15. Special Handling Instructions and Additional Information: Dike and contain if spilled. Contact Mark Jackson, Ferrum Trading Company (713) 487-6694.

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

Printed/Typed Name: MARK J. JACKSON — Signature: Mark J. Jackson — Month Day Year: 08 28 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: Elwin R Brown Jr — Signature: Elwin R Brown Jr — Month Day Year: 08 28 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: Roy Ordaz — Signature: [signature] — Month Day Year:

19. Discrepancy Indication Space: This shipment may take up to 60 days due to travel by rail.
US Gate 8/27/91
Line 11 (A) Kg 12,654 = TQWt Tentamy 9/11/91 [illegible] 9/6-12833

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date
Printed/Typed Name: Anthony C. Ronello — Signature: [signature] — Month Day Year: 09 06 91

25

TWC-0311 (Rev. 01/01/89) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

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| UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet) | 21. Generator's US EPA ID No. 40 CFR 761 | Manifest Document No. 00013 | 22. Page 2 of 2 | Information in the shaded areas is not required by Federal law. |
|---|---|---|---|---|

23. Generator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name USPCI

25. US EPA ID Number OKD981514474

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter 4 Company Name Excel Trans Inc

27. US EPA ID Number UTD 98407 314

P. State Transporter's ID

Q. Transporter's Phone 801-359-6861

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

GENERATOR

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date Month Day Year

34. Transporter 4 Acknowledgement of Receipt of Materials

Printed/Typed Name Lynn J. Stanley | Signature Lynn J. Stanley | Date Month Day Year 09 05 91

FACILITY

35. Discrepancy Indication Space
line Item #33 incomplete prior to arrival USPCI
26 A Lonero 9/6/91 9/6-12833

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TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 40 CFR PAR 761 — Manifest Document No. 00014

2. Page 1 of 2

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

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone ( 713 487-6694 Pasadena, TX 77505

A. State Manifest Document Number № 00431061

B. State Generator's ID XXX07

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: OKD 981514474

C. State Transporter's ID 40312

D. Transporter's Phone 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad

8. US EPA ID Number: NED 001792910

E. State Transporter's ID 40441

F. Transporter's Phone 713/671-4523

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc. Grassy Mtn Facility
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah

10. US EPA ID Number: UTD 991301748

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | 12. Containers Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 81378 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above
D-81

15. Special Handling Instructions and Additional Information
DIKE AND CONTAIN IF SPILLED. CONTACT MARK JACKSON, FERRUM TRADING, INC (713) 487-6694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year: 08 28 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID RAMSEY — Signature: David Ramsey — Date: Month Day Year: 08 28 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: LEON STOR — Signature: Leon Stor — Date: Month Day Year: 9 4 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
LINE 11a TQ 18,177 KG O/S DATE 8-28-91 M. JACKSON 9-23-91 Chad 916-12975

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: A C Ramero — Signature: [illegible] — Date: Month Day Year: 09 09 91

GENERATOR — TRANSPORTER — FACILITY

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

| ...A HAZARDOUS ...TE MANIFEST ...ntinuation Sheet) | 21. Generator's US EPA ID No. 40 CFR 761 | Manifest Document No. 00014 | 22. Page 2 of 2 | Information in the shaded areas is not required by Federal law. |
|---|---|---|---|---|

...enerator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name USPCI

25. US EPA ID Number OKD981514474

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| | 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

33. Transporter 4 Acknowledgement of Receipt of Materials

| Printed/Typed Name | Signature | Date Month Day Year |
|---|---|---|
| JERRY W. CARGILL | Jerry W. Cargill | 09 09 91 |

34. Transporter 3 Acknowledgement of Receipt of Materials

| Printed/Typed Name | Signature | Date Month Day Year |
|---|---|---|
| | | |

35. Discrepancy Indication Space

transporter 4 signed for #3 7/11/91 28

916 12975

GENERATOR

TRANSPORTER

FACILITY

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EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete.

TEXAS WA[illegible] ON
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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Form approved. OMB No. 2050-0039, expires 09-30-91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761 — Manifest Document No.: 00015

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

3. Generator's Name and Mailing Address: Otto Wolff U.S. Holding Corp. 3515 Preston Road, Suite 102

4. Generator's Phone: 713 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00431060

B. State Generator's ID: XXX07

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312

D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad

8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441

F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address: U.S. Pollution Control, Inc. 3 Miles East, 7 Miles North of Exit 41 off I-80 Clive, Utah

10. US EPA ID Number: UTD 991301748

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 63646 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: D-81

15. Special Handling Instructions and Additional Information: DIKE AND CONTAIN IF SPILLED. CONTACT MARK JACKSON, FERRUM TRADING INC 713/487-6694

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

Printed/Typed Name: Mark J. Jackson — Signature: Mark J. Jackson — Month Day Year: 08 28 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: George Fisher — Signature: George Fisher — Date: 08 28 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: Leon Stots — Signature: Leon Stots — Date: 9 4 91

19. Discrepancy Indication Space: This shipment may take up to 60 days due to travel by rail.
Linella TQ 13,787KG O/S DATE 8-28-91 M. JACKSON 9-23-91 [illegible] 916-12942

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

Printed/Typed Name: [illegible] — Signature: [illegible] — Date: 09 09 91

29

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TWC-0311 (Rev. 01/01/89)

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

**ORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)**

21. Generator's US EPA ID No. 40 CFR 761

Manifest Document No. D0015

22. Page 2 of 2

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

23. Generator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name USPCI

25. US EPA ID Number TXD981514474

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name: Monty Hatch

Signature: Monty Hatch

Date: Month 09 Day 09 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

30

916-12942

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TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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53677

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# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761
Manifest Document No.: 00016
2. Page 1 of 2
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

4. Generator's Phone (713) 487-6694

A. State Manifest Document Number: № 00286805
B. State Generator's ID: XXX07

5. Transporter 1 Company Name: USPCI
6. US EPA ID Number: OKD 981514474
C. State Transporter's ID: 40312
D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad
8. US EPA ID Number: NED 001792910
E. State Transporter's ID: 40441
F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah
10. US EPA ID Number: UTD 991301748
G. State Facility's ID: UT 95001
H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 69872 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Dike and contain if spilled. Contact Mark Jackson, Ferrum Trading Company (713) 487-6694.

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

Printed/Typed Name: MARK J. JACKSON
Signature: Mark J. Jackson
Month Day Year: 08 28 91
Date

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Dale Rinehael
Signature: Dale Rinehael
Month Day Year: 08 28 91
Date

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Leon Stotz
Signature: Leon Stotz
Month Day Year: 9 4 91
Date

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
LINE 11a TQ 14,349 KG O/S DATE 8-28-91 M. JACKSON 9-23-91 Chuck

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
916-12940
Date

Printed/Typed Name: MARK SANDOVAL
Signature: [signature]
Month Day Year: 09 16 91

31

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TWC-0311 (Rev. 01/01/89)

| ...ARDOUS ...NIFEST ...ation Sheet) | 21. Generator's US EPA ID No. | Manifest Document No. | 22. Page | Information in the shaded areas is not required by Federal law. |
|---|---|---|---|---|
| | 40 CFR 761 | 00016 | 2 of 2 | |

...or's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

P. State Transporter's ID

Q. Transporter's Phone

24. Transporter 3 Company Name USPCI

25. US EPA ID Number OKD981514474

26. Transporter ___ Company Name

27. US EPA ID Number

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

[illegible] [illegible] [illegible]

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date Month Day Year

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name Gary Hicks

Signature Gary Hicks

Date Month 09 Day 10 Year 91

FACILITY

35. Discrepancy Indication Space

32

916-12940

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EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete

TEXAS WATER COMMISSION
P.O. Box 13087; Capitol Station
Austin, Texas 78711-3087

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Form approved. OMB No. 2050-0039, expires 09-30-91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 40 CFR PAR 761 — Manifest Document No. 00017

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

3. Generator's Name and Mailing Address: Otto Wolff U.S. Holding Corp. 3515 Preston Road, Suite 102

4. Generator's Phone (713) 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00286806

B. State Generator's ID: XXX07

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312

D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad

8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441

F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address: U.S. Pollution Control, Inc. 3 Miles East, 7 Miles North of Exit 41 off I-80 Clive, Utah

10. US EPA ID Number: Glassy Mtn Facility UTD 991301748

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 56848 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: D-81

15. Special Handling Instructions and Additional Information

Dike and contain if spilled. Contact Mark Jackson, Ferrum Trading Company (713) 487-6694.

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

Printed/Typed Name: MARK J. JACKSON — Signature: Mark J. Jackson — Month Day Year: 08 28 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: ROLAND C GREEN — Signature: Roland C Green — Date: 08 28 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: LEON Stop — Signature: Leon Stop — Date: 9 4 91

19. Discrepancy Indication Space

This shipment may take up to 60 days due to travel by rail.
LWE 11a TQ 11,592 KG O/S DATE 8-28-91 M. JACKSON 9-23-91 Check 916-12970

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

Printed/Typed Name: A C Rowell — Signature: A C Rowell — Date: 09 09 91

GENERATOR — TRANSPORTER — FACILITY

White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

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

**FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)**

21. Generator's US EPA ID No. 40 CFR 761

Manifest Document No. 00017

22. Page 2 of 2

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

23. Generator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name USPCI

25. US EPA ID Number bKD981514474

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter 4 Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| | 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name GARY HILL

Signature Gary Hill

Date Month 09 Day 09 Year 91

34. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date Month Day Year

FACILITY

35. Discrepancy Indication Space

34

916-12970

EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete

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TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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Form approved. OMB No. 2050-0039, expires 09-30-91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 40 CFR PAR 761 — Manifest Document No. 00018

2. Page 1 of 2

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

A. State Manifest Document Number: № 00286804

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone (713) 487-6694 Pasadena, TX 77505

B. State Generator's ID: XXX07

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312

D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad

8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441

F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah

10. US EPA ID Number: UTD 991301748 — Grassy Mtn Facility

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | 12. Containers Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 72622 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above
D-81

15. Special Handling Instructions and Additional Information
Dike and contain if spilled. Contact Mark Jackson, Ferrum Trading Company (713) 487-6694.

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

Printed/Typed Name: MARK J. JACKSON — Signature: Mark J. Jackson — Month Day Year: 08 28 91

GENERATOR

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID RAMSEY — Signature: David Ramsey — Month Day Year: 08 28 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: LEN STOB — Signature: Len Stob — Month Day Year: 09 05 91

TRANSPORTER

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
LINE 11a. TQ 15,229 KG O/S Date 8-28-91 M. JACKSON 9-23-91 Chuck 916-12980

FACILITY

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

Printed/Typed Name: Lowell — Signature — Date Month Day Year: 09 09 91

White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

Form Approved. OMB No. 2050-0039. Expires 3-30-91

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**UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)**

21. Generator's US EPA ID No.: 40 CFR 761

Manifest Document No.: 00018

22. Page: 2 of 2

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

23. Generator's Name: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name: USPCI

25. US EPA ID Number: OKD981514474

N. State Transporter's ID: 40312

O. Transporter's Phone: 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name: USPCI Walter D Bleazard

Signature: Walter D Bleazard

Date: Month 09 Day 09 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

36

91C-12580

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EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete

TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

54104

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Form approved: OMB No. 2050-0039, expires 09-30-91

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. 40 CFR PAR 761 — Manifest Document No. 00019

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

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
4. Generator's Phone (713) 487-6694 Pasadena, TX 77505

A. State Manifest Document Number № 00286803
B. State Generator's ID XXX07

5. Transporter 1 Company Name: USPCI
6. US EPA ID Number: OKD 981514474
C. State Transporter's ID 40312
D. Transporter's Phone ~~405/324-5011~~

7. Transporter 2 Company Name: Union Pacific Railroad
8. US EPA ID Number: NED 001792910
E. State Transporter's ID 40441
F. Transporter's Phone ~~713/671-4523~~

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc. Grassy Mtn Fac. 1.4
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah
10. US EPA ID Number: UTD 991301748
G. State Facility's ID UT 95001
H. Facility's Phone 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 73898 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: D87

15. Special Handling Instructions and Additional Information
Dike and contain if spilled. Contact Mark Jackson, Ferrum Trading Company (713) 487-6694.

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

Printed/Typed Name: MARK J. JACKSON — Signature: Mark J. Jackson — Month Day Year: 08 29 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: DAVID RAMSEY — Signature: David Ramsey — Month Day Year: 08 29 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: LEON SLOTS — Signature: Leon Slots — Month Day Year: 9 1 91

FACILITY

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
Line No. TQ-16,580 KG OK DATE 8-29-91 M. JACKSON 9-23-91 Chuck

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date 9-12-93

Printed/Typed Name — Signature — Month Day Year: 09 09 91

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

**RM HAZARDOUS ASTE MANIFEST (Continuation Sheet)**

2). Generator's US EPA ID No. 40 CFR 761

Manifest Document No.

22. Page 2 of 2

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

3. Generator's Name Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name: USPCI

25. US EPA ID Number: OKD981514474

N. State Transporter's ID 40312

O. Transporter's Phone 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

GENERATOR

TRANSPORTER

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name: Robert L. Curtis

Signature: Robert L. Curtis

Date: Month 09 Day 09 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

38

916-12973

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.TER COMMISSION
. 13087, Capitol Station
.n, Texas 78711-3087

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

Form approved. OMB No. 2050-0039, expires 09-30-91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761
Manifest Document No.: 00020
2. Page 1 of 2
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
4. Generator's Phone (713) 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00286802
B. State Generator's ID: XXX07
C. State Transporter's ID: 40312
D. Transporter's Phone: 405/324-5011
E. State Transporter's ID: 40441
F. Transporter's Phone: 713/671-4523
G. State Facility's ID: UT 95001
H. Facility's Phone: 801/595-3900

5. Transporter 1 Company Name: USPCI
6. US EPA ID Number: OKD 981514474
7. Transporter 2 Company Name: Union Pacific Railroad
8. US EPA ID Number: NED 001792910
9. Designated Facility Name and Site Address: U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah
10. US EPA ID Number: UTD 991301748

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 67430 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above
D-81

15. Special Handling Instructions and Additional Information
Dike and contain if spilled. Contact Mark Jackson, Ferrum Trading Company (713) 487-6694.

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

Printed/Typed Name: MARK J. JACKSON
Signature: Mark J Jackson
Month Day Year: 08 29 91
Date

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Monty Faulk
Signature: Monty Faulk
Month Day Year: 08 29 91
Date

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roy Cadaz
Signature: [signature]
Month Day Year: 8 29 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
O/S date 8/28/91
Line 11. (A) TQWT 13,855 Kg tuf/ferry 9/11/91 [signature] 916-12807

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Mark Sandoval
Signature: [signature]
Month Day Year: 09 06 91
Date

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TWC-0311 (Rev. 01/01/89)

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

**ORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)**

21. Generator's US EPA ID No. 40 CFR 761

Manifest Document No. 00020

22. Page 2 of 2

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

23. Generator's Name: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 3 Company Name: USPCI

25. US EPA ID Number: OKD981514474

N. State Transporter's ID: 40312

O. Transporter's Phone: 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| | 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 3 Acknowledgement of Receipt of Materials

Printed/Typed Name: CARLOS L MADRID

Signature: Carlos L Madrid

Date: Month 9 Day 6 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

40

91-12807

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Can # 030149

TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

54541

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**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. 40 CFR PAR 761 — Manifest Document No. 00021

2. Page 1 of 2

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

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone (713) 487-6694 Pasadena, TX 77505

A. State Manifest Document Number
№ 00286801

B. State Generator's ID
XXX07

5. Transporter 1 Company Name
USPCI

6. US EPA ID Number
OKD 981514474

C. State Transporter's ID 40312

D. Transporter's Phone 405/324-5011

7. Transporter 2 Company Name
Union Pacific Railroad

8. US EPA ID Number
NED 001792910

E. State Transporter's ID 40441

F. Transporter's Phone 713/671-4523

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah

10. US EPA ID Number
UTD 991301748

G. State Facility's ID
UT 95001

H. Facility's Phone
801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | 12. Containers Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 14373 ~~19564~~ | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above
DB1

15. Special Handling Instructions and Additional Information
Dike and contain if spilled. Contact Mark Jackson, Ferrum Trading Company (713) 487-6694.

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

Printed/Typed Name: MARK J. JACKSON — Signature: Mark J. Jackson — Month Day Year: 09 29 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Dale Rinehart — Signature: Dale Rinehart — Date: 09 29 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: X Abel Treviño — Signature: Abel Treviño — Date: 09 06 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. 9/6-13058

41

Printed/Typed Name — Signature — Date: 09 10 91

GENERATOR — TRANSPORTER — FACILITY

TWC-0311 (Rev. 01/01/89)

White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

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

**UNIFORM HAZARDOUS WASTE MANIFEST**
***(Continuation Sheet)***

21. Generator's US EPA ID No.: 40 CFR 761

Manifest Document No.: 00021

22. Page 2 of 2

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

23. Generator's Name: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

24. Transporter ~~3~~ Company Name: USPCI

25. US EPA ID Number: ~~OKD981514474~~

N. State Transporter's ID: 40312

O. Transporter's Phone: 405/324-5011

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

| 28. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)* | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|
| a. | | | | | | |
| b. | | | | | | |
| c. | | | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |
| g. | | | | | | |
| h. | | | | | | |
| i. | | | | | | |

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter ~~3~~ Acknowledgement of Receipt of Materials

Printed/Typed Name: Robert L. Curtis

Signature: Robert L. Curtis

Date: Month 09 Day 10 Year 91

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

42

13058

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EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete.

TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

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

Form approved. OMB No. 2050-0039, expires 09-30-91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 40 CFR PAR 761 — Manifest Document No.: 00022

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

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102

4. Generator's Phone (713) 487-6694 Pasadena, TX 77505

A. State Manifest Document Number: № 00286800

B. State Generator's ID: XXX07

5. Transporter 1 Company Name: USPCI — 6. US EPA ID Number: OKD 981514474

C. State Transporter's ID: 40312

D. Transporter's Phone: 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad — 8. US EPA ID Number: NED 001792910

E. State Transporter's ID: 40441

F. Transporter's Phone: 713/671-4523

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah

10. US EPA ID Number: UTD 991301748

G. State Facility's ID: UT 95001

H. Facility's Phone: 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 81290 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above: GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above: D-81

15. Special Handling Instructions and Additional Information
Dike and contain if spilled. Contact Mark Jackson, Ferrum Trading Company (713) 487-6694.

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, including applicable state regulations.
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Printed/Typed Name: MARK J. JACKSON — Signature: Mark J. Jackson — Month Day Year: 08 29 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: George Fisher — Signature: George Fisher — Month Day Year: 08 26 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: Roy Deaz — Signature: Roy Deaz — Month Day Year:

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
O/S date 8/28/91
Line 11(A) TOWT - 16,436 kg. TCW/Terry 9/11/91 Bent 916-12802

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

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Printed/Typed Name: Mark Sandoval — Signature: [signature] — Date: Month Day Year: 09 06 91

TWC-0311 (Rev. 01/01/89)

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Form designed for use on elite (12-pitch) typewriter.

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

| HAZARDOUS WASTE MANIFEST (Continuation Sheet) | 21. Generator's US EPA ID No. 40 CFR 761 | Manifest Document No. 00022 | 22. Page 2 of 2 | Information in the shaded areas is not required by Federal law. |
|---|---|---|---|---|

Generator's Name: Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

L. State Manifest Document Number

M. State Generator's ID

| 24. Transporter 3 Company Name | 25. US EPA ID Number | |
|---|---|---|
| USPCI | OKD981514474 | N. State Transporter's ID 40312 |
| | | O. Transporter's Phone 405/324-5011 |
| 26. Transporter 4 Company Name | 27. US EPA ID Number | P. State Transporter's ID |
| EXCEL TRAN | UTD988070314 | Q. Transporter's Phone 801/359-6637 |

| | 28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | HM | 29. Containers No. | Type | 30. Total Quantity | 31. Unit Wt/Vol | R. Waste No. |
|---|---|---|---|---|---|---|---|
| a. | | | | | | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| e. | | | | | | | |
| f. | | | | | | | |
| g. | | | | | | | |
| h. | | | | | | | |
| i. | | | | | | | |

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

GENERATOR

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials

| Printed/Typed Name | Signature | Date Month Day Year |
|---|---|---|
| | | |

34. Transporter 4 Acknowledgement of Receipt of Materials

| Printed/Typed Name | Signature | Date Month Day Year |
|---|---|---|
| Randall S Lawson | [signature] | 09 6 91 |

FACILITY

35. Discrepancy Indication Space

44

9/6 - 12802

TEXAS WATER COMMISSION
P.O. Box 13087, Capitol Station
Austin, Texas 78711-3087

S3 968

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

Form approved. OMB No. 2050-0039, expires 09-30-91

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. 40 CFR PAR 761 — Manifest Document No. 00023

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

3. Generator's Name and Mailing Address
Otto Wolff U.S. Holding Corp.
3515 Preston Road, Suite 102
Pasadena, TX 77505

4. Generator's Phone (713) 487-6694

A. State Manifest Document Number № 00286799

B. State Generator's ID XXX07

5. Transporter 1 Company Name: USPCI — 6. US EPA ID Number: OKD 981514474

C. State Transporter's ID 40312

D. Transporter's Phone 405/324-5011

7. Transporter 2 Company Name: Union Pacific Railroad — 8. US EPA ID Number: NED 001792910

E. State Transporter's ID 40441

F. Transporter's Phone 713/671-4523

9. Designated Facility Name and Site Address
U.S. Pollution Control, Inc.
3 Miles East, 7 Miles North of Exit 41 off I-80
Clive, Utah

10. US EPA ID Number: UTD 991301748

G. State Facility's ID UT 95001

H. Facility's Phone 801/595-3900

| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|---|
| | a. (RQ) Hazardous Substance Solid N.O.S. ORM-E NA 9188 (PCB) 1 LB | 001 | CM | 65120 | K | 179430 |
| | b. | | | | | |
| | c. | | | | | |
| | d. | | | | | |

J. Additional Descriptions for Materials Listed Above
GB90-0399 Contaminated Soil/Concrete/Debris

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Dike and contain if spilled. Contact Mark Jackson, Ferrum Trading Company (713) 487-6694.

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

Printed/Typed Name: MARK J. JACKSON — Signature: Mark J. Jackson — Month Day Year: 08 29 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: ROLAND C GREEN — Signature: Roland C Green — Month Day Year: 08 29 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: LEON SIOTS — Signature: Leon Siots — Month Day Year: 9 5 91

19. Discrepancy Indication Space
This shipment may take up to 60 days due to travel by rail.
Line 11.(A) TDW+ - 13,472 TW-DIW 9/5 Date 9/29/91 Bal

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
15 916-1301 — Date

Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: [illegible]

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