CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
(908) 355-6800

MATERIAL PROFILE SHEETS
PRODUCT CODE
PROCESS CODE

A. GENERATOR INFORMATION

13056

GENERATOR US EPA I.D. NY0083531125
GENERATOR STATE I.D. NY0083531125

GENERATOR NAME: U.S. EPA Region II
MAILING ADDRESS: 2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

BILLING ADDRESS IF DIFFERENT: OHM Corporation
200 Horizon Center Blvd, Trenton, NJ 08691
CONTACT: Tom Joyner 609-588-6355

TECHNICAL CONTACT: Michael Schubert TITLE: TEC Coordinator PHONE: 315-455-0186
SITE ADDRESS: Chris Intersil Site, 205-247 West Lutter Avenue, Falconer, NY 14733
NAME OF WASTE: RCRA empty drums
PROCESS GENERATING WASTE: Drums of waste were consolidated generating empty drums at a CERCLA cleanup site

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: varies

☐ WASTEWATER
☒ NONWASTEWATER

STRONG INCIDENTAL ODOR PRESENT? ☐ YES ☒ NO
DESCRIBE:

PHYSICAL STATE @ 70°F: ☒ SOLID ☐ LIQUID ☐ POWDER ☐ SEMI-SOLID
☒ SINGLE PHASE ☐ BI-LAYERED ☐ MULTI-LAYERED ☐ SLUDGE

DUMPABLE? ☒ YES ☐ NO
Pumpable? ☐ YES ☒ NO
Pourable? ☒ YES ☐ NO

CORROSIVITY (pH): ☐ ≤2.0 ☐ 2.01-5 ☒ 5.01-9 ☐ 9.01-12.49 ☐ ≥12.50 ☐ EXACT pH

SPECIFIC GRAVITY: ☐ <.8 ☐ .8-1.0 ☒ 1.0-1.2 ☐ EXACT ☐ 1.2-1.4 ☐ 1.4-1.7 ☐ >1.7

FLASH POINT: ☐ <70°F ☐ 70°F - 100°F ☐ 101°F - 139°F ☐ 140°F - 200°F ☐ >200°F ☒ NO FLASH ☐ EXACT
IGNITABLE (if solid): ☐ YES ☒ NO ☐ CLOSED CUP ☐ OPEN CUP

LIQUID/SOLID:
% Total Solids: 100
% Suspended Solids: —
% Dissolved Solids: —
% Free Liquids: —

C. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THIS WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ SUBJECT TO NESHAP SUBPART FF BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

SPECIAL HANDLING CONSIDERATIONS
* CERCLA waste, only CERCLA approved outlets may be utilized.

D. CHEMICAL COMPOSITION

1.	RANGE MIN.-MAX.
RCRA empty drums	- 100 %
	- %
	- %
	- %
	- %
	- %
	- %
	- %
	- %
TOTAL (MUST BE ≥ 100%)	100 %

ALL CHEMICALS LISTED ON MSDS MUST BE INCLUDED IN THIS SECTION.

ALSO LIST ALL SUBSTANCES REGULATED UNDER OSHA 1910.1000, SUBPART Z.

2. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING:

	NONE	or LESS THAN	or ACTUAL
PCB's	☒	☐ <50 ppm	ppm
Cyanides	☒	☐ <250 ppm	ppm
Phenolics	☒	☐ <50 ppm	ppm
Sulfides	☒	☐ <500 ppm	ppm

☐ MSDS ATTACHED
☒ SUPPLEMENTAL ANALYSIS ATTACHED
DESCRIBE:

NO. OF PAGES ATTACHED: 0

357816

E. METALS/ORGANICS (mg/kg or ppm)

☐ EP TOX ☐ TCLP ☐ TOTAL

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL	METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Arsenic	D004	☐ <5.0		Hexachlorobenzene	D032	☐ <0.13	
Barium	D005	☐ <100		Hexachloro-1,3-butadiene	D033	☐ <0.5	
Benzene	D018	☐ <0.5		Hexachloroethane	D034	☐ <3.0	
Cadmium	D006	☐ <1.0		Lead	D008	☐ <5.0	
Carbon tetrachloride	D019	☐ <0.5		Lindane	D013	☐ <0.4	
Chlordane	D020	☐ <0.03		Mercury	D009	☐ <0.2	
Chlorobenzene	D021	☐ <100.0		Methoxychlor	D014	☐ <10.0	
Chloroform	D022	☐ <6.0		Methyl ethyl ketone	D035	☐ <200.0	
Chromium	D007	☐ <5.0		Nitrobenzene	D036	☐ <2.0	
o-Cresol	D023	☐ <200.0		Pentachlorophenol	D037	☐ <100.0	
m-Cresol	D024	☐ <200.0		Pyridine	D038	☐ <5.0	
p-Cresol	D025	☐ <200.0		Selenium	D010	☐ <1.0	
Cresol	D026	☐ <200.0		Silver	D011	☐ <5.0	
2,4-D	D016	☐ <10.0		Tetrachloroethylene	D039	☐ <0.7	
1,4-Dichlorobenzene	D027	☐ <7.5		Toxaphene	D015	☐ <0.5	
1,2-Dichloroethane	D028	☐ <0.5		Trichloroethylene	D040	☐ <0.5	
1,1-Dichloroethylene	D029	☐ <0.7		2,4,5-Trichlorophenol	D041	☐ <400.0	
2,4-Dinitrotoluene	D030	☐ <0.13		2,4,6-Trichlorophenol	D042	☐ <2.0	
Endrin	D012	☐ <0.02		2,4,5-TP (Silvex)	D017	☐ <1.0	
Heptachlor (and its hydroxide)	D031	☐ <0.008		Vinyl chloride	D043	☐ <0.2	

F. LIQUID WASTE CHARACTERISTICS

Fuels and WWT Candidates

ORGANIC PHASE ..... % Not applicable
+ AQUEOUS PHASE ..... % = 100%

RANGE

HEAT VALUE ..... BTU/lb
TOTAL HALOGENS ..... % ..... mg/l
ASH CONTENT ..... %
% SULFUR ☐ <0.5% ..... %
BS&W ..... %
WATER CONTENT ..... %
VISCOSITY (cps) ..... @ ..... °F
TOC ..... mg/l
COD ..... mg/l
BOD ..... mg/l
OIL & GREASE ..... mg/l
TOX ..... mg/l
HOC ..... mg/l

G. SHIPPING/MANIFEST INFORMATION

SHIPMENT METHOD

☐ BULK LIQUID ☐ OTHER (SPECIFY) .....
☐ BULK SOLID .....
☐ DT ☐ RO
☒ DRUM (SIZE) 30 & 55 gal metal mixtly 1 or 2 poly

ANTICIPATED VOLUME ☐ GALS. ☒ DRUMS
≈ 75 ☐ TONS ☐ CUBIC YDS.
(QUANTITY) PER ☒ ONE TIME ☐ QUARTER ☐ YEAR

TRANSPORTER: Clean Ventures / Active Waste
TRANSPORTER PHONE/CONTACT: .....
TRANSPORTER USEPA I.D. | | | | | | | | | | | | |

REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☐ YES ☒ NO
USEPA HAZARDOUS CODE(S) .....
APPLICABLE SUBCATEGORIES .....
STATE ~~HAZARDOUS~~ WASTE? ☐ YES ☒ NO
STATE CODE(S) Solid Waste code N077 (Nonhaz)
D.O.T. HAZARDOUS WASTE? ☐ YES ☒ NO
PROPER SHIPPING NAME
Empty drums and barrels
CLASS N/A I.D. NO. N/A P.G. N/A R.Q. N/A

H. WASTE CERTIFICATION

1. Does this waste material contain polychlorinated biphenyls? YES ..... NO X
2. Does this waste material contain herbicides or pesticides as described in the 40 CFR Part 261.24 Table #1, Waste Nos. D012-D017? YES ..... NO X
3. Does this waste material contain or ever contain the listed "spent" solvents which would classify the waste as any or all EPA Waste Nos. F001, F002, F003, F004, F005 as per 40 CFR Part 261.31? YES ..... NO X
4. Does this waste material contain leachable levels of any of the metals covered by EPA Waste Nos. D004 thru D011 as per 40 CFR Part 261.24? YES ..... NO X
5. Does this waste contain any dioxins as specified by 40 CFR Part 261.31 Waste Nos. F020, F021, F022, F023, F026, F027, F028? YES ..... NO X
6. Is this waste material a "California List" waste, as per 40 CFR Part 268.32? YES ..... NO X — PCB ≥ 50 Ni ≥ 134 HOC ≥ 1000 Th ≥ 130
7. Does this waste material contain D018-D043 as per 40 CFR Part 261.24? YES ..... NO X
8. Does this waste material contain "U", "K" or "P" wastes as defined per 40 CFR Part 261.32 and 261.33? YES ..... NO X
9. Is this waste considered non-hazardous by USEPA standard? YES X NO .....
10. Does this waste contain any constituents listed under EPA waste # F039 at or above the treatment standards? YES ..... NO X (If yes, list constituents in section D)

AFTER COMPLETION OF QUESTIONS 1 THROUGH 10 PLEASE INITIAL .....

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

If CYCLE CHEM discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS, then CYCLE CHEM shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CYCLE CHEM for all handling, packaging, clean up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CYCLE CHEM during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator.

I hereby authorize CYCLE CHEM to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue my approval.

Bonita L. Green — Authorized Signature
EPA-OSC — Title
Bonita L. Green — Name (Print or Type)
5/9/94 — Date

13056
TOTAL P.03

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
(908) 355-6800

MATERIAL PROFILE SHEETS
PRODUCT CODE _____
PROCESS CODE _____

A. GENERATOR INFORMATION

13056

GENERATOR US EPA I.D. N Y D 0 8 3 5 3 3 1 2 5

GENERATOR STATE I.D. N Y 0 0 8 3 5 3 3 1 2 5

GENERATOR NAME U.S. EPA Region II

MAILING ADDRESS 2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

BILLING ADDRESS IF DIFFERENT OHM Corporation
200 Horizon Center Blvd, Trenton, NJ 08691

CONTACT Tom Joyner 609-588-6355

TECHNICAL CONTACT Michael Schubert TITLE TSD Coordinator PHONE 315-455-0180

SITE ADDRESS Chase Interiors Site, 205-247 West Lister Avenue, Falconer, NY 14733

NAME OF WASTE Assorted lab packs

PROCESS GENERATING WASTE assorted chemicals were lab packed as part of a CERCLA cleanup of an abandoned furniture manufacturer.

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: varies

☐ WASTEWATER
☐ NONWASTEWATER

STRONG INCIDENTAL ODOR PRESENT? ☐ YES ☐ NO

DESCRIBE Varies

PHYSICAL STATE @ 70°F: ☐ SOLID ☐ LIQUID ☐ POWDER ☐ SEMI-SOLID — Varies — ☐ SINGLE PHASE ☐ BI-LAYERED ☐ MULTI-LAYERED ☐ SLUDGE

DUMPABLE? ☐ YES ☐ NO
Pumpable? Varies ☐ YES ☐ NO
Pourable? ☐ YES ☐ NO

CORROSIVITY (pH): ☐ ≤2.0 ☐ 2.01-5 ☐ 5.01-9 ☐ 9.01-12.49 ☐ ≥12.50 ☐ EXACT pH _____
varies

SPECIFIC GRAVITY: ☐ <.8 ☐ .8-1.0 ☐ 1.0-1.2 ☐ EXACT _____ ☐ 1.2-1.4 ☐ 1.4-1.7 ☐ >1.7
varies

FLASH POINT: ☐ <70°F ☐ 70°F - 100°F ☐ 101°F - 139°F ☐ 140°F - 200°F ☐ >200°F ☐ NO FLASH ☐ EXACT _____
Varies

IGNITABLE (if solid) ☐ YES ☐ NO ☐ CLOSED CUP ☐ OPEN CUP

LIQUID/SOLID
% Total Solids _____
% Suspended Solids varies
% Dissolved Solids _____
% Free Liquids _____

C. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THIS WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ SUBJECT TO NESHAP SUBPART FF BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

SPECIAL HANDLING CONSIDERATIONS
* CERCLA waste, only CERCLA approved outlets may be utilized.

D. CHEMICAL COMPOSITION

1.	RANGE MIN.-MAX.	
assorted lab packs (see attached packing slips)	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
TOTAL (MUST BE ≥ 100%)		%

ALL CHEMICALS LISTED ON MSDS MUST BE INCLUDED IN THIS SECTION.

ALSO LIST ALL SUBSTANCES REGULATED UNDER OSHA 1910.1000, SUBPART Z.

2. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING:

	NONE	or LESS THAN	or ACTUAL
PCB's	☒	☐ <50 ppm	____ ppm
Cyanides	☒	☐ <250 ppm	____ ppm
Phenolics	☒	☐ <50 ppm	____ ppm
Sulfides	☒	☐ <500 ppm	____ ppm

☐ MSDS ATTACHED
☒ SUPPLEMENTAL ANALYSIS ATTACHED
DESCRIBE: see attached packing slips

NO. OF PAGES ATTACHED: _____

E. METALS/ORGANICS (mg/kg or ppm)

☐ EP TOX ☐ TCLP ☐ TOTAL

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL	METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Arsenic	D004	☐ <5.0		Hexachlorobenzene	D032	☐ <0.13	
Barium	D005	☐ <100		Hexachloro-1,3-butadiene	D033	☐ <0.5	
Benzene	D018	☐ <0.5		Hexachloroethane	D034	☐ <3.0	
Cadmium	D006	☐ <1.0		Lead	D008	☐ <5.0	
Carbon tetrachloride	D019	☐ <0.5		Lindane Varies	D013	☐ <0.4	
Chlordane	D020	☐ <0.03		Mercury	D009	☐ <0.2	
Chlorobenzene	D021	☐ <100.0		Methoxychlor	D014	☐ <10.0	
Chloroform	D022	☐ <6.0		Methyl ethyl ketone	D035	☐ <200.0	
Chromium	D007	☐ <5.0		Nitrobenzene	D036	☐ <2.0	
o-Cresol	D023	☐ <200.0		Pentachlorophenol	D037	☐ <100.0	
m-Cresol	D024	☐ <200.0		Pyridine	D038	☐ <5.0	
p-Cresol	D025	☐ <200.0		Selenium	D010	☐ <1.0	
Cresol	D026	☐ <200.0		Silver	D011	☐ <5.0	
2,4-D	D016	☐ <10.0		Tetrachloroethylene	D039	☐ <0.7	
1,4-Dichlorobenzene	D027	☐ <7.5		Toxaphene	D015	☐ <0.5	
1,2-Dichloroethane	D028	☐ <0.5		Trichloroethylene	D040	☐ <0.5	
1,1-Dichloroethylene	D029	☐ <0.7		2,4,5-Trichlorophenol	D041	☐ <400.0	
2,4-Dinitrotoluene	D030	☐ <0.13		2,4,6-Trichlorophenol	D042	☐ <2.0	
Endrin	D012	☐ <0.02		2,4,5-TP (Silvex)	D017	☐ <1.0	
Heptachlor (and its hydroxide)	D031	☐ <0.008		Vinyl chloride	D043	☐ <0.2	

F. LIQUID WASTE CHARACTERISTICS

Fuels and WWT Candidates

ORGANIC PHASE ..... %

+ AQUEOUS PHASE ..... % = 100%

Varies
RANGE

HEAT VALUE _____ BTU/lb

TOTAL HALOGENS _____ % _____ mg/l

ASH CONTENT _____ %

% SULFUR ☐ <0.5% _____ %

BS&W _____ %

WATER CONTENT _____ %

VISCOSITY (cps). _____ @ _____ °F

TOC _____ mg/l

COD _____ mg/l

BOD _____ mg/l

OIL & GREASE _____ mg/l

TOX _____ mg/l

HOC _____ mg/l

G. SHIPPING/MANIFEST INFORMATION

SHIPMENT METHOD

☐ BULK LIQUID ☐ OTHER (SPECIFY) _____

☐ BULK SOLID _____

☐ DT ☐ RO _____

☒ DRUM (SIZE) Varies _____

ANTICIPATED VOLUME ☐ GALS. ☐ DRUMS

Varies ☐ TONS ☐ CUBIC YDS.

(QUANTITY) PER ☒ ONE TIME ☐ QUARTER ☐ YEAR

TRANSPORTER: Clean Ventures/Active Waste

TRANSPORTER PHONE/CONTACT: _____

TRANSPORTER USEPA I.D. _____

REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

USEPA HAZARDOUS CODE(S) Varies

APPLICABLE SUBCATEGORIES _____

STATE HAZARDOUS WASTE? ☒ YES ☐ NO

STATE CODE(S) Varies

D.O.T. HAZARDOUS WASTE? ☐ YES ☐ NO

PROPER SHIPPING NAME

Varies

CLASS _____ I.D. NO. _____ P.G. _____ R.Q. _____

H. WASTE CERTIFICATION

1. Does this waste material contain polychlorinated biphenyls? YES _____ NO X
2. Does this waste material contain herbicides or pesticides as described in the 40 CFR Part 261.24 Table #1, Waste Nos. D012-D017? YES _____ NO X
3. Does this waste material contain or ever contain the listed "spent" solvents which would classify the waste as any or all EPA Waste Nos. F001, F002, F003, F004, F005 as per 40 CFR Part 261.31? YES _____ NO _____ Varies X
4. Does this waste material contain leachable levels of any of the metals covered by EPA Waste Nos. D004 thru D011 as per 40 CFR Part 261.24? YES _____ NO _____ Varies X
5. Does this waste contain any dioxins as specified by 40 CFR Part 261.31 Waste Nos. F020, F021, F022, F023, F026, F027, F028? YES _____ NO X
6. Is this waste material a "California List" waste, as per 40 CFR Part 268.32? YES _____ NO _____ Varies X — PCB ≥ 50, Ni ≥ 134, HOC ≥ 1000, Th ≥ 130
7. Does this waste material contain D018-D043 as per 40 CFR Part 261.24? YES _____ NO _____ Varies X
8. Does this waste material contain "U", "K" or "P" wastes as defined per 40 CFR Part 261.32 and 261.33? YES _____ NO _____ Varies X
9. Is this waste considered non-hazardous by USEPA standard? YES _____ NO X
10. Does this waste contain any constituents listed under EPA waste # F039 at or above the treatment standards? YES _____ NO _____ (If yes, list constituents in section D) Varies X

AFTER COMPLETION OF QUESTIONS 1 THROUGH 10 PLEASE INITIAL _____

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

If CYCLE CHEM discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS, then CYCLE CHEM shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CYCLE CHEM for all handling, packaging, clean up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CYCLE CHEM during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator.

I hereby authorize CYCLE CHEM to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue my approval.

Bonita R. Green — Authorized Signature

EPA-OSC — Title

Bonita L. Green — Name (Print or Type)

5/9/94 — Date

13056

TOTAL P.03

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
(908) 355-6800

MATERIAL PROFILE SHEETS
PRODUCT CODE _____
PROCESS CODE _____

A. GENERATOR INFORMATION

13056

GENERATOR US EPA I.D. NY0083533125

GENERATOR STATE I.D. NY0083533125

GENERATOR NAME U.S. EPA Region II

MAILING ADDRESS 2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

BILLING ADDRESS IF DIFFERENT
OHM Corporation
200 Horizon Center Blvd, Trenton NJ 08691

CONTACT Tom Joyner 609-588-6355

TECHNICAL CONTACT Michael Schubert TITLE TSCA Coordinator PHONE 315-455-0186

SITE ADDRESS Chase Enterprises Site, 205-247 West Lister Avenue, Falconer, NY 14733

NAME OF WASTE PPE and debris contaminated with paint

PROCESS GENERATING WASTE PPE became contaminated in process of pouring leftover paints into drums; assorted debris also containerized as part of CERCLA cleanup of abandoned furniture manufacturer

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: Varies

☐ WASTEWATER
☒ NONWASTEWATER

STRONG INCIDENTAL ODOR PRESENT? ☐ YES ☒ NO

DESCRIBE _____

PHYSICAL STATE @ 70°F: ☒ SOLID ☐ LIQUID ☐ POWDER ☐ SEMI-SOLID

☒ SINGLE PHASE ☐ BI-LAYERED ☐ MULTI-LAYERED ☐ SLUDGE

DUMPABLE? ☒ YES ☐ NO
Pumpable? ☐ YES ☒ NO
Pourable? ☒ YES ☐ NO

CORROSIVITY (pH): ☐ ≤2.0 ☐ 2.01-5 ☒ 5.01-9 ☐ 9.01-12.49 ☐ ≥12.50 ☐ EXACT pH _____

SPECIFIC GRAVITY: ☐ <.8 ☐ .8-1.0 ☒ 1.0-1.2 ☐ EXACT _____ ☐ 1.2-1.4 ☐ 1.4-1.7 ☐ >1.7

FLASH POINT: ☐ <70°F ☐ 70°F - 100°F ☐ 101°F - 139°F ☐ 140°F - 200°F ☐ >200°F ☒ NO FLASH ☐ EXACT _____

IGNITABLE (if solid) ☐ YES ☒ NO ☐ CLOSED CUP ☐ OPEN CUP

LIQUID/SOLID
% Total Solids 100
% Suspended Solids _____
% Dissolved Solids _____
% Free Liquids 0

C. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THIS WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ SUBJECT TO NESHAP SUBPART FF BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

SPECIAL HANDLING CONSIDERATIONS
* CERCLA waste, only CERCLA approved outlets may be utilized.

D. CHEMICAL COMPOSITION

1.	RANGE MIN.-MAX.	
debris (squashed pails)	80 - 90	%
PPE (plastic, metal, wood)	10 - 20	%
paint residue	1-3	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
TOTAL (MUST BE ≥ 100%)	100	%

ALL CHEMICALS LISTED ON MSDS MUST BE INCLUDED IN THIS SECTION.

ALSO LIST ALL SUBSTANCES REGULATED UNDER OSHA 1910.1000, SUBPART Z.

2. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING:

	NONE	or LESS THAN	or ACTUAL
PCB's	☒	☐ <50 ppm	_____ ppm
Cyanides	☒	☐ <250 ppm	_____ ppm
Phenolics	☒	☐ <50 ppm	_____ ppm
Sulfides	☒	☐ <500 ppm	_____ ppm

☐ MSDS ATTACHED
☒ SUPPLEMENTAL ANALYSIS ATTACHED

DESCRIBE: _____

NO. OF PAGES ATTACHED: _____

E. METALS/ORGANICS (mg/kg or ppm)

☐ EP TOX ☐ TCLP ☐ TOTAL

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL	METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Arsenic	D004	☒ <5.0		Hexachlorobenzene	D032	☒ <0.13	
Barium	D005	☒ <100		Hexachlorb-1,3-butadiene	D033	☒ <0.5	
Benzene	D018	☒ <0.5		Hexachloroethane	D034	☒ <3.0	
Cadmium	D006	☒ <1.0		Lead	D008	☒ <5.0	
Carbon tetrachloride	D019	☒ <0.5		Lindane	D013	☒ <0.4	
Chlordane	D020	☒ <0.03		Mercury	D009	☒ <0.2	
Chlorobenzene	D021	☒ <100.0		Methoxychlor	D014	☒ <10.0	
Chloroform	D022	☒ <6.0		Methyl ethyl ketone	D035	☒ <200.0	
Chromium	D007	☒ <5.0		Nitrobenzene	D036	☒ <2.0	
o-Cresol	D023	☒ <200.0		Pentachlorophenol	D037	☒ <100.0	
m-Cresol	D024	☒ <200.0		Pyridine	D038	☒ <5.0	
p-Cresol	D025	☒ <200.0		Selenium	D010	☒ <1.0	
Cresol	D026	☒ <200.0		Silver	D011	☒ <5.0	
2,4-D	D016	☒ <10.0		Tetrachloroethylene	D039	☒ <0.7	
1,4-Dichlorobenzene	D027	☒ <7.5		Toxaphene	D015	☒ <0.5	
1,2-Dichloroethane	D028	☒ <0.5		Trichloroethylene	D040	☒ <0.5	
1,1-Dichloroethylene	D029	☒ <0.7		2,4,5-Trichlorophenol	D041	☒ <400.0	
2,4-Dinitrotoluene	D030	☒ <0.13		2,4,6-Trichlorophenol	D042	☒ <2.0	
Endrin	D012	☒ <0.02		2,4,5-TP (Silvex)	D017	☒ <1.0	
Heptachlor (and its hydroxide)	D031	☒ <0.008		Vinyl chloride	D043	☒ <0.2	

F. LIQUID WASTE CHARACTERISTICS

Fuels and WWT Candidates

ORGANIC PHASE ..... % Not Applicable

+ AQUEOUS PHASE ..... % = 100%

RANGE

HEAT VALUE _____ BTU/lb

TOTAL HALOGENS _____ % _____ mg/l

ASH CONTENT _____ %

% SULFUR ☐ <0.5% _____ %

BS&W _____ %

WATER CONTENT _____ %

VISCOSITY (cps) _____ @ _____ °F

TOC _____ mg/l

COD _____ mg/l

BOD _____ mg/l

OIL & GREASE _____ mg/l

TOX _____ mg/l

HOC _____ mg/l

G. SHIPPING/MANIFEST INFORMATION

SHIPMENT METHOD

☐ BULK LIQUID ☐ OTHER (SPECIFY) _____

☒ BULK SOLID

☐ DT ☐ RO ☒ cubic yard boxes – 5 boxes

☐ DRUM (SIZE) _____

ANTICIPATED VOLUME ☐ GALS. ☐ DRUMS

5 ☐ TONS ☒ CUBIC YDS.

(QUANTITY) PER ☒ ONE TIME ☐ QUARTER ☐ YEAR

TRANSPORTER: Clean Ventures/Active Waste

TRANSPORTER PHONE/CONTACT: _____

TRANSPORTER USEPA I.D. _____

REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☐ YES ☒ NO

USEPA HAZARDOUS CODE(S) None

APPLICABLE SUBCATEGORIES _____

STATE HAZARDOUS WASTE? ☐ YES ☒ NO

STATE CODE(S) _____

D.O.T. HAZARDOUS WASTE? ☐ YES ☒ NO

PROPER SHIPPING NAME

Non-hazardous Waste

CLASS None I.D. NO. None P.G. None R.Q. None

H. WASTE CERTIFICATION

1. Does this waste material contain polychlorinated biphenyls? YES ____ NO X
2. Does this waste material contain herbicides or pesticides as described in the 40 CFR Part 261.24 Table #1, Waste Nos. D012-D017? YES ____ NO X
3. Does this waste material contain or ever contain the listed "spent" solvents which would classify the waste as any or all EPA Waste Nos. F001, F002, F003, F004, F005 as per 40 CFR Part 261.31? YES ____ NO X
4. Does this waste material contain leachable levels of any of the metals covered by EPA Waste Nos. D004 thru D011 as per 40 CFR Part 261.24? YES ____ NO X
5. Does this waste contain any dioxins as specified by 40 CFR Part 261.31 Waste Nos. F020, F021, F022, F023, F026, F027, F028? YES ____ NO X

PCB ≥ 50 Ni ≥ 134
HOC ≥ 1000 Th ≥ 130

6. Is this waste material a "California List" waste, as per 40 CFR Part 268.32? YES ____ NO X
7. Does this waste material contain D018-D043 as per 40 CFR Part 261.24? YES ____ NO X
8. Does this waste material contain "U", "K" or "P" wastes as defined per 40 CFR Part 261.32 and 261.33? YES ____ NO X
9. Is this waste considered non-hazardous by USEPA standard? YES X NO ____
10. Does this waste contain any constituents listed under EPA waste # F039 at or above the treatment standards? YES ____ NO X (If yes, list constituents in section D)

AFTER COMPLETION OF QUESTIONS 1 THROUGH 10 PLEASE INITIAL _____

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

If CYCLE CHEM discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS, then CYCLE CHEM shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CYCLE CHEM for all handling, packaging, clean up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CYCLE CHEM during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator.

I hereby authorize CYCLE CHEM to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue my approval.

Bonita L. Green — Authorized Signature

EPA-OSC — Title

Bonita L. Green — Name (Print or Type)

5/9/94 — Date

13056

TOTAL P.03

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
(908) 355-5800

MATERIAL PROFILE SHEETS
PRODUCT CODE
PROCESS CODE

A. GENERATOR INFORMATION

13056

GENERATOR US EPA I.D. NY008353125
GENERATOR STATE I.D. NY008353125

GENERATOR NAME U.S. EPA Region II
MAILING ADDRESS 2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

BILLING ADDRESS IF DIFFERENT OHM Corporation
200 Horizon Center Blvd, Trenton NJ 08691
CONTACT Tim Joyner 609-588-6355

TECHNICAL CONTACT Michael Schubert TITLE TGA Coordinator PHONE 315-455-0186
SITE ADDRESS Chase Enterprises Site, 205-247 West Lister Avenue, Falconer, NY 14733
NAME OF WASTE Concentrated acid solution/etching thinner
PROCESS GENERATING WASTE Drum of mixed acid abandoned at CERCLA site cleanup

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: clear

☐ WASTEWATER
☐ NONWASTEWATER

STRONG INCIDENTAL ODOR PRESENT? ☐ YES ☒ NO
DESCRIBE

PHYSICAL STATE @ 70°F: ☐ SOLID ☒ LIQUID ☐ POWDER ☐ SEMI-SOLID ☒ SINGLE PHASE ☐ BI-LAYERED ☐ MULTI-LAYERED ☐ SLUDGE

DUMPABLE? ☒ YES ☐ NO
Pumpable? ☒ YES ☐ NO
Pourable? ☒ YES ☐ NO

CORROSIVITY (pH): ☒ ≤2.0 ☐ 2.01-5 ☐ 5.01-9 ☐ 9.01-12.49 ☐ ≥12.50 ☐ EXACT pH 0

SPECIFIC GRAVITY: ☐ <.8 ☒ .8-1.0 ☐ 1.0-1.2 ☐ EXACT ☐ 1.2-1.4 ☐ 1.4-1.7 ☐ >1.7

FLASH POINT: ☐ <70°F ☐ 70°F - 100°F ☐ 101°F - 139°F ☐ 140°F - 200°F ☐ >200°F ☒ NO FLASH ☐ EXACT
IGNITABLE (if solid) ☐ YES ☐ NO ☐ CLOSED CUP ☐ OPEN CUP

LIQUID/SOLID
% Total Solids 0-2
% Suspended Solids 0-2
% Dissolved Solids 0-2
% Free Liquids 98-100

C. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THIS WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ SUBJECT TO NESHAP SUBPART FF BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

SPECIAL HANDLING CONSIDERATIONS
* CERCLA waste, only CERCLA approved outlets may be utilized.

D. CHEMICAL COMPOSITION

1.	RANGE MIN.-MAX.	
water	40 - 80	%
hydrochloric acid	10 - 20	%
~~methylene chloride~~	0 - 4	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
TOTAL (MUST BE ≥ 100%)	100	%

ALL CHEMICALS LISTED ON MSDS MUST BE INCLUDED IN THIS SECTION.

ALSO LIST ALL SUBSTANCES REGULATED UNDER OSHA 1910.1000, SUBPART Z.

2. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING:

	NONE	or LESS THAN	or ACTUAL
PCB's	☒	☐ <50 ppm	ppm
Cyanides	☒	☐ <250 ppm	ppm
Phenolics	☒	☐ <50 ppm	ppm
Sulfides	☒	☐ <500 ppm	ppm

☐ MSDS ATTACHED
☒ SUPPLEMENTAL ANALYSIS ATTACHED

DESCRIBE:
TCLP-metals - None
TOC - 36,000 ppm

NO. OF PAGES ATTACHED: 2

E. METALS/ORGANICS (mg/kg or ppm)

☐ EP TOX ☐ TCLP ☐ TOTAL

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL	METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Arsenic	D004	☒ <5.0		Hexachlorobenzene	D032	☒ <0.13	
Barium	D005	☒ <100		Hexachloro-1,3-butadiene	D033	☒ <0.5	
Benzene	D018	☒ <0.5		Hexachloroethane	D034	☒ <3.0	
Cadmium	D006	☒ <1.0		Lead	D008	☒ <5.0	
Carbon tetrachloride	D019	☒ <0.5		Lindane	D013	☒ <0.4	
Chlordane	D020	☒ <0.03		Mercury	D009	☒ <0.2	
Chlorobenzene	D021	☒ <100.0		Methoxychlor	D014	☒ <10.0	
Chloroform	D022	☒ <6.0		Methyl ethyl ketone	D035	☒ <200.0	
Chromium	D007	☒ <5.0		Nitrobenzene	D036	☒ <2.0	
o-Cresol	D023	☒ <200.0		Pentachlorophenol	D037	☒ <100.0	
m-Cresol	D024	☒ <200.0		Pyridine	D038	☒ <5.0	
p-Cresol	D025	☒ <200.0		Selenium	D010	☒ <1.0	
Cresol	D026	☒ <200.0		Silver	D011	☒ <5.0	
2,4-D	D016	☒ <10.0		Tetrachloroethylene	D039	☒ <0.7	
1,4-Dichlorobenzene	D027	☒ <7.5		Toxaphene	D015	☒ <0.5	
1,2-Dichloroethane	D028	☒ <0.5		Trichloroethylene	D040	☒ <0.5	
1,1-Dichloroethylene	D029	☒ <0.7		2,4,5-Trichlorophenol	D041	☒ <400.0	
2,4-Dinitrotoluene	D030	☒ <0.13		2,4,6-Trichlorophenol	D042	☒ <2.0	
Endrin	D012	☒ <0.02		2,4,5-TP (Silvex)	D017	☒ <1.0	
Heptachlor (and its hydroxide)	D031	☒ <0.008		Vinyl chloride	D043	☒ <0.2	

F. LIQUID WASTE CHARACTERISTICS

Fuels and WWT Candidates

ORGANIC PHASE 3-5 %

+ AQUEOUS PHASE 95-97 % = 100%

RANGE

HEAT VALUE None BTU/lb

TOTAL HALOGENS ___ % ___ mg/l

ASH CONTENT ___ %

% SULFUR ☐ <0.5% ___ %

BS&W ___ %

WATER CONTENT ___ %

VISCOSITY (cps). ___ @ ___ °F

TOC 26,000 mg/l

COD ___ mg/l

BOD ___ mg/l

OIL & GREASE ___ mg/l

TOX ___ mg/l

HOC ___ mg/l

G. SHIPPING/MANIFEST INFORMATION

SHIPMENT METHOD

☐ BULK LIQUID ☐ OTHER (SPECIFY)

☐ BULK SOLID

☐ DT ☐ RO

☒ DRUM (SIZE) 55 gal - overpacked in 65 gal drum

ANTICIPATED VOLUME ☐ GALS. ☒ DRUMS

1 (QUANTITY) ☐ TONS ☐ CUBIC YDS.

PER ☒ ONE TIME ☐ QUARTER ☐ YEAR

TRANSPORTER: Clean Ventures/Active Waste

TRANSPORTER PHONE/CONTACT:

TRANSPORTER USEPA I.D.

REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

USEPA HAZARDOUS CODE(S) D002

APPLICABLE SUBCATEGORIES acid liquid subcategory

STATE HAZARDOUS WASTE? ☒ YES ☐ NO

STATE CODE(S) D002

D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO

PROPER SHIPPING NAME

RQ, Waste, Corrosive Liquids, n.o.s. (hydrochloric acid, methylene chloride)

CLASS 8 I.D. NO. UN1760 P.G. II R.Q. 100

H. WASTE CERTIFICATION

1. Does this waste material contain polychlorinated biphenyls? YES ___ NO X
2. Does this waste material contain herbicides or pesticides as described in the 40 CFR Part 261.24 Table #1, Waste Nos. D012-D017? YES ___ NO X
3. Does this waste material contain or ever contain the listed "spent" solvents which would classify the waste as any or all EPA Waste Nos. F001, F002, F003, F004, F005 as per 40 CFR Part 261.31? YES ___ NO X
4. Does this waste material contain leachable levels of any of the metals covered by EPA Waste Nos. D004 thru D011 as per 40 CFR Part 261.24? YES ___ NO X
5. Does this waste contain any dioxins as specified by 40 CFR Part 261.31 Waste Nos. F020, F021, F022, F023, F026, F027, F028? YES ___ NO X
6. Is this waste material a "California List" waste, as per 40 CFR Part 268.32? YES X NO (Acid Liquid) PCB ≥ 50 Ni ≥ 134 HOC ≥ 1000 Th ≥ 130
7. Does this waste material contain D018-D043 as per 40 CFR Part 261.24? YES ___ NO X
8. Does this waste material contain "U", "K" or "P" wastes as defined per 40 CFR Part 261.32 and 261.33? YES ___ NO X
9. Is this waste considered non-hazardous by USEPA standard? YES ___ NO X
10. Does this waste contain any constituents listed under EPA waste # F039 at or above the treatment standards? YES X NO ___ (If yes, list constituents in section D)

AFTER COMPLETION OF QUESTIONS 1 THROUGH 10 PLEASE INITIAL ___

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

If CYCLE CHEM discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS, then CYCLE CHEM shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CYCLE CHEM for all handling, packaging, clean up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CYCLE CHEM during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator.

I hereby authorize CYCLE CHEM to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue my approval.

Bonita R. Green — Authorized Signature

EPA-OSC — Title

Bonita L. Green — Name (Print or Type)

5/9/94 — Date

AMERICAN ENVIRONMENTAL NETWORK, INC.

9151 Rumsey Road Suite 150, Columbia, MD 21045-1992
(410) 730-8525 Fax (410) 997-2586

CLIENT:		OHM Corporation	
PROJECT:		Chase Interiors	
AENI PROJECT NUMBER:		9404017	
CLIENT ID:	D36	DATE SAMPLED:	04/01/94
AENI ID:	9404017-010	DATE RECEIVED:	04/02/94
MATRIX:	Liquid	DATE REPORTED:	04/08/94

ANALYSIS	RESULT	DETECTION LIMIT	METHOD
Total Organic Carbon	36,000 mg/L	1 mg/L	EPA 9060

210006

AMERICAN ENVIRONMENTAL
NETWORK

1
INORGANIC ANALYSIS DATA SHEET SAMPLE NO.

D36

Lab Name: AMERICAN ENVIRON NETWORK
Contract: OHM-CHASE
SDG No.: OHM002

Matrix (soil/water): WATER

Lab Sample ID: W41710

Level (low/med): LOW

Date Received: 04/02/94

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	100	U		P
7440-39-3	Barium	100	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	40.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	100	U		P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	100	U		P
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	1.0	B		AV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium	100	U		P
7440-22-4	Silver	500	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: WATER
Clarity Before: WATER
Texture:

Color After: WATER
Clarity After: WATER
Artifacts:

Comments:

FORM I - IN

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
(908) 355-5800

MATERIAL PROFILE SHEETS
PRODUCT CODE _____
PROCESS CODE _____

A. GENERATOR INFORMATION

13056

GENERATOR US EPA I.D. N Y 0 0 8 3 5 3 3 1 2 5
GENERATOR STATE I.D. N Y 0 0 8 3 5 3 3 1 2 5

GENERATOR NAME U.S. EPA Region II
MAILING ADDRESS 2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

BILLING ADDRESS IF DIFFERENT
OHM Corporation
200 Horizon Center Blvd, Trenton NJ 08691
CONTACT Tim Joyner 609-588-6355

TECHNICAL CONTACT Michael Schubert TITLE T&A Coordinator PHONE 315-455-0180
SITE ADDRESS Chase Enterprises Site, 205-247 West Lutter Avenue, Falconer, NY 14733
NAME OF WASTE cyclohexylamine solution
PROCESS GENERATING WASTE abandoned drum of cyclohexylamine found at CERCLA drums of old furniture manufacturer

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: Light yellow/orange
☐ WASTEWATER
☒ NONWASTEWATER

STRONG INCIDENTAL ODOR PRESENT? ☒ YES ☐ NO
DESCRIBE fishy

PHYSICAL STATE @ 70°F
☐ SOLID ☒ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI-SOLID ☐ SLUDGE

PUMPABLE? ☒ YES ☐ NO
Pumpable? ☒ YES ☐ NO
Pourable? ☒ YES ☐ NO

CORROSIVITY (pH)
☐ ≤2.0 ☐ 9.01-12.49
☐ 2.01-5 ☒ ≥12.50
☐ 5.01-9 ☐ EXACT pH _____

SPECIFIC GRAVITY
☐ <.8 ☐ 1.2-1.4
☒ .8-1.0 ☐ 1.4-1.7
☐ 1.0-1.2 ☐ >1.7
☐ EXACT _____

FLASH POINT
☐ <70°F ☐ >200°F
☐ 70°F - 100°F ☐ NO FLASH
☐ 101°F - 139°F ☐ EXACT _____
☒ 140°F - 200°F
IGNITABLE (if solid) ☐ YES ☐ NO
☐ CLOSED CUP
☐ OPEN CUP

LIQUID/SOLID
% Total Solids 0-2
% Suspended Solids 0-2
% Dissolved Solids 0-2
% Free Liquids 98-100

C. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THIS WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ SUBJECT TO NESHAP SUBPART FF BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

SPECIAL HANDLING CONSIDERATIONS
* CERCLA waste, only CERCLA approved outlets may be utilized.

D. CHEMICAL COMPOSITION

1.	RANGE MIN.-MAX.	
Cyclohexylamine solution	- 100	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
TOTAL (MUST BE ≥ 100%)	100	%

ALL CHEMICALS LISTED ON MSDS MUST BE INCLUDED IN THIS SECTION.

ALSO LIST ALL SUBSTANCES REGULATED UNDER OSHA 1910.1000, SUBPART Z.

2. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING:

	NONE	or LESS THAN	or ACTUAL
PCB's	☒	☐ <50 ppm	_____ ppm
Cyanides	☒	☐ <250 ppm	_____ ppm
Phenolics	☒	☐ <50 ppm	_____ ppm
Sulfides	☒	☐ <500 ppm	_____ ppm

☒ MSDS ATTACHED
☒ SUPPLEMENTAL ANALYSIS ATTACHED

DESCRIBE: Material is in solution, flashpoint checked on site and found to be >60 °C.

NO. OF PAGES ATTACHED: 2

E. METALS/ORGANICS (mg/kg or ppm)

☐ EP TOX ☐ TCLP ☐ TOTAL

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL	METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Arsenic	D004	☒ <5.0		Hexachlorobenzene	D032	☒ <0.13	
Barium	D005	☒ <100		Hexachloro-1,3-butadiene	D033	☒ <0.5	
Benzene	D018	☒ <0.5		Hexachloroethane	D034	☒ <3.0	
Cadmium	D006	☒ <1.0		Lead	D008	☒ <5.0	
Carbon tetrachloride	D019	☒ <0.5		Lindane	D013	☒ <0.4	
Chlordane	D020	☒ <0.03		Mercury	D009	☒ <0.2	
Chlorobenzene	D021	☒ <100.0		Methoxychlor	D014	☒ <10.0	
Chloroform	D022	☒ <6.0		Methyl ethyl ketone	D035	☒ <200.0	
Chromium	D007	☒ <5.0		Nitrobenzene	D036	☒ <2.0	
o-Cresol	D023	☒ <200.0		Pentachlorophenol	D037	☒ <100.0	
m-Cresol	D024	☒ <200.0		Pyridine	D038	☒ <5.0	
p-Cresol	D025	☒ <200.0		Selenium	D010	☒ <1.0	
Cresol	D026	☒ <200.0		Silver	D011	☒ <5.0	
2,4-D	D016	☒ <10.0		Tetrachloroethylene	D039	☒ <0.7	
1,4-Dichlorobenzene	D027	☒ <7.5		Toxaphene	D015	☒ <0.5	
1,2-Dichloroethane	D028	☒ <0.5		Trichloroethylene	D040	☒ <0.5	
1,1-Dichloroethylene	D029	☒ <0.7		2,4,5-Trichlorophenol	D041	☒ <400.0	
2,4-Dinitrotoluene	D030	☒ <0.13		2,4,6-Trichlorophenol	D042	☒ <2.0	
Endrin	D012	☒ <0.02		2,4,5-TP (Silvex)	D017	☒ <1.0	
Heptachlor (and its hydroxide)	D031	☒ <0.008		Vinyl chloride	D043	☒ <0.2	

F. LIQUID WASTE CHARACTERISTICS
Fuels and WWT Candidates

ORGANIC PHASE 100 %
+ AQUEOUS PHASE ..... % = 100%

RANGE

HEAT VALUE _____ BTU/lb
TOTAL HALOGENS _____ % _____ mg/l
ASH CONTENT _____ %
% SULFUR ☐ <0.5% _____ %
BS&W _____ %
WATER CONTENT _____ %
VISCOSITY (cps). _____ @ _____ °F
TOC _____ mg/l
COD _____ mg/l
BOD _____ mg/l
OIL & GREASE _____ mg/l
TOX _____ mg/l
HOC _____ mg/l

G. SHIPPING/MANIFEST INFORMATION

SHIPMENT METHOD

☐ BULK LIQUID ☐ OTHER (SPECIFY) _____
☐ BULK SOLID _____
☐ DT ☐ RO _____
☒ DRUM (SIZE) 55gal overpacked into 65 gal drum

ANTICIPATED VOLUME ☐ GALS. ☒ DRUMS
1 ☐ TONS ☐ CUBIC YDS.
(QUANTITY) PER ☒ ONE TIME ☐ QUARTER ☐ YEAR

TRANSPORTER: Clean Ventures/Active Waste
TRANSPORTER PHONE/CONTACT: _____
TRANSPORTER USEPA I.D. _____

REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO
USEPA HAZARDOUS CODE(S) D002
APPLICABLE SUBCATEGORIES alkaline liquid subcategory
STATE HAZARDOUS WASTE? ☒ YES ☐ NO
STATE CODE(S) D002
D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO
PROPER SHIPPING NAME
RQ, Waste Caustic alkali liquids, n.o.s. (cyclohexylamine solution)
CLASS 8 I.D. NO. UN1719 P.G. III R.Q. 100

H. WASTE CERTIFICATION

1. Does this waste material contain polychlorinated biphenyls? YES ____ NO X
2. Does this waste material contain herbicides or pesticides as described in the 40 CFR Part 261.24 Table #1, Waste Nos. D012-D017? YES ____ NO X
3. Does this waste material contain or ever contain the listed "spent" solvents which would classify the waste as any or all EPA Waste Nos. F001, F002, F003, F004, F005 as per 40 CFR Part 261.31? YES ____ NO X
4. Does this waste material contain leachable levels of any of the metals covered by EPA Waste Nos. D004 thru D011 as per 40 CFR Part 261.24? YES ____ NO X
5. Does this waste contain any dioxins as specified by 40 CFR Part 261.31 Waste Nos. F020, F021, F022, F023, F026, F027, F028? YES ____ NO X
6. Is this waste material a "California List" waste, as per 40 CFR Part 268.32? YES ____ NO X
7. Does this waste material contain D018-D043 as per 40 CFR Part 261.24? YES ____ NO X
8. Does this waste material contain "U", "K" or "P" wastes as defined per 40 CFR Part 261.32 and 261.33? YES ____ NO X
9. Is this waste considered non-hazardous by USEPA standard? YES ____ NO X
10. Does this waste contain any constituents listed under EPA waste # F039 at or above the treatment standards? YES ____ NO X (If yes, list constituents in section D)

PCB ≥ 50 Ni ≥ 134
HOC ≥ 1000 Th ≥ 130

AFTER COMPLETION OF QUESTIONS 1 THROUGH 10 PLEASE INITIAL _____

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

If CYCLE CHEM discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS, then CYCLE CHEM shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CYCLE CHEM for all handling, packaging, clean up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CYCLE CHEM during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator.

I hereby authorize CYCLE CHEM to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue my approval.

Bonita L. Green — Authorized Signature
EPA-OSC — Title
Bonita L. Green — Name (Print or Type)
5/9/94 — Date

13056
TOTAL P.03

MATERIAL SAFETY DATA SHEET

GENIUM PUBLISHING CORPORATION
1145 CATALYN ST., SCHENECTADY, NY 12303 USA (518) 377-8854

MSDS # 33
CYCLOHEXYLAMINE

Issued: May, 1985
Revised:

R

From Genium's MSDS Collection, to be used as a reference.

SECTION 1. MATERIAL IDENTIFICATION

MATERIAL NAME: CYCLOHEXYLAMINE
Other Designations: Cyclohexanamine, Aminocyclohexane, Hexahydroaniline; $CH_2(CH_2)_4CHNH_2$; CAS #000 108 918.

Manufacturers: Available from many suppliers including:
Monsanto Company
800 N. Lindbergh Blvd.
St. Louis, MO 63167
(314) 694-1000

SECTION 2. INGREDIENTS AND HAZARDS

SECTION 2. INGREDIENTS AND HAZARDS	%	HAZARD DATA
CYCLOHEXYLAMINE	ca.100	8 hr TWA, 10 ppm or 40 mg/m^3* (Skin)**
		Rats, oral LD50: 710 mg/kg
* Current ACGIH TLV/TWA.		Rabbit, dermal LD50: 631 mg/kg
** The notation "skin" indicates the possibility of cutaneous absorption.		
OSHA PEL/TWA has not been established.		

SECTION 3. PHYSICAL DATA

Boiling Point, 1 atm, deg °F (°C) ... 274.1 (134.5)
Vapor pressure @ 30°C, mmHg 15
Vapor density (Air = 1) 3.42
Solubility in Water ..... Complete
Specific Gravity, 20/4°C 0.819
Volatiles, % ..... ca 100
Evaporation Rate (Ether=1) ... 82.9
Molecular Weight 99.17
Melting Point, deg F(C) ..... -0.2 (-17.7)

Appearance & Odor: Colorless to yellow liquid with an unpleasant, fishy odor.

SECTION 4. FIRE AND EXPLOSION DATA

Flash Point and Method	Autoignition Temp.	Flammability Limits in Air	Lower	Upper
90°F (32.2°C) O.C.	560°F (293°C)			

Extinguishing Media: Carbon dioxide, dry chemical, alcohol type foam. Do not use a solid stream of water, since the stream will scatter and spread the fire. Use water spray to cool tank/container.
Cyclohexylamine is a dangerous fire hazard when exposed to heat or flame. Its vapors are heavier than air and may travel considerable distance to source of ignition and flashback.
Firefighters should wear self-contained breathing apparatus and full protective clothing to prevent bodily contact.

SECTION 5. REACTIVITY DATA

Cyclohexylamine is stable in closed containers under normal storage and use conditions. It does not undergo hazardous polymerization.

This flammable liquid can react vigorously with oxidizing materials. It is incompatible with acids, all copper alloys and lead.

When Cyclohexylamine is heated to decomposition, it emits highly toxic oxides of nitrogen.

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SECTION 6. HEALTH HAZARD INFORMATION

TLV 10 ppm (See Section 2)

Cyclohexylamine vapors are irritating to the mucous membranes, skin and eyes. Concentrations in air above 150 ppm are extremely irritating to the upper respiratory tract and eyes and may cause corneal opacity. The liquid is a strong base and will burn the skin and severly damage the eyes on contact. It may be absorbed through the skin and cause skin sensitization. Systematic effects of overexposure through inhalation, ingestion, or skin absorption include drowsiness, dizziness, anxiety, restlessness, nausea and vomiting. Deichman and Gerarde report that Cyclohexylamine is a weak methemoglobin forming substance (decreases oxygen carrying capacity) with cumulative properties capable of producing poisoning. Long-term exposure may cause weight loss and corneal opacity.

FIRST AID: EYE CONTACT: Promptly flush eyes, including under eyelids, with running water for at least 15 minutes. If irritation persists or damage is observed, cover eyes with a dry bandage and transport to a medical facility that treats eye injuries. SKIN CONTACT: Promptly flush skin for at least 15 minutes while removing contaminated clothing. If skin is burned, cover with a dry, sterile bandage and get medical attention (In-plant, Paramedic, Community). INHALATION: Remove to fresh air. Restore and/or support breathing if necessary. Get medical attention. INGESTION: Give victim water or milk as quickly as possible. Get medical attention and call a Poison Control Center. Don't induce vomiting unless directed to do so. Transport victim to a medical facility. Never give anything by mouth to a person who's unconscious or having convulsions.

SECTION 7. SPILL, LEAK AND DISPOSAL PROCEDURES

Notify safety personnel of large spills or leaks. Evacuate the area if necessary. Provide MAXIMUM explosion-proof ventilation. Remove all heat and ignition sources. Clean-up personnel should wear self-contained breathing apparatus and full protective clothing including boots. Absorb small spills on paper towel or vermiculite and place in a closed container for disposal. Dike large spills and collect for reclamation or disposal. Do not flush to sewer. Use non-sparking tools when picking up spills.

DISPOSAL: Incinerate or place in a suitable container for disposal by licensed contractor. Follow all federal, state and local regulations.

SECTION 8. SPECIAL PROTECTION INFORMATION

Provide general and local exhaust (explosion-proof) to meet TLV requirements. Use an appropriate NIOSH approved respirator for emergencies or non-routine exposures where the TLV may be exceeded. All electrical service in use or storage areas should have an "explosion proof" design.

Wear safety goggles where splashing is possible. Wear gloves, face shield, and impervious clothing to prevent skin contact where skin contact may occur. If liquid gets on the skin, the exposed area should be drenched with water immediately. Do not wear contaminated clothing until it has been properly cleaned.

Safety showers and eye wash stations should be located near use or handling areas.

Contact lenses pose a special hazard; soft lenses may absorb and all lenses concentrate irritants.

SECTION 9. SPECIAL PRECAUTIONS AND COMMENTS

Store in a cool, dry, well-ventilated area away from acids, copper alloys, lead, oxidizing agents and ignition sources. Keep container tightly closed. Ground and bond containers and equipment when transferring liquid to prevent static sparks. Do not smoke in handling or user areas, wash thoroughly after handling.

DOT Classification: Flammable liquid, Corrosive; UN 2357.

DATA SOURCE(S) CODE (See Glossary) 1-9,12,14,25,26,34,37,48,63,66,69,70,71,75,74,75.

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APPROVALS RO Ricciocco, 5/85

INDUST. HYGIENE/SAFETY 7/85

MEDICAL REVIEW: 8/85

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CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
(908) 355-5800

MATERIAL PROFILE SHEETS
PRODUCT CODE
PROCESS CODE

A. GENERATOR INFORMATION

13056

GENERATOR US EPA I.D. N Y 0 0 8 3 5 3 3 1 2 5

GENERATOR STATE I.D. N Y 0 0 8 3 5 3 3 1 2 5

GENERATOR NAME U.S. EPA Region II

MAILING ADDRESS 2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

BILLING ADDRESS IF DIFFERENT OHM Corporation
200 Horizon Center Blvd, Trenton, NJ 08691

CONTACT Tom Joyner 609-588-6955

TECHNICAL CONTACT Michael Schubert TITLE TCA Coordinator PHONE 315-451-0186

SITE ADDRESS Chase Interim Site, 205-247 West Lutes Avenue, Falconer, NY 14733

NAME OF WASTE Water contaminated with F listed solvents

PROCESS GENERATING WASTE abandoned drums at CERCLA cleanup site were analyzed and found to contain F-listed solvents

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: clear

- [ ] WASTEWATER
- [x] NONWASTEWATER

STRONG INCIDENTAL ODOR PRESENT? [ ] YES [x] NO

DESCRIBE

PHYSICAL STATE @ 70°F
- [ ] SOLID
- [x] LIQUID
- [ ] POWDER
- [ ] SEMI-SOLID
- [x] SINGLE PHASE
- [ ] BI-LAYERED
- [ ] MULTI-LAYERED
- [ ] SLUDGE

DUMPABLE? [x] YES [ ] NO
Pumpable? [x] YES [ ] NO
Pourable? [x] YES [ ] NO

CORROSIVITY (pH)
- [ ] ≤2.0
- [ ] 2.01-5
- [x] 5.01-9
- [ ] 9.01-12.49
- [ ] ≥12.50
- [ ] EXACT pH

SPECIFIC GRAVITY
- [ ] <.8
- [x] .8-1.0
- [ ] 1.0-1.2
- [ ] EXACT
- [ ] 1.2-1.4
- [ ] 1.4-1.7
- [ ] >1.7

FLASH POINT
- [ ] <70°F
- [ ] 70°F - 100°F
- [ ] 101°F - 139°F
- [ ] 140°F - 200°F
- [ ] >200°F
- [x] NO FLASH
- [ ] EXACT

IGNITABLE (if solid) [ ] YES [ ] NO
[ ] CLOSED CUP
[ ] OPEN CUP

LIQUID/SOLID
- % Total Solids 15-20
- % Suspended Solids 0-2
- % Dissolved Solids 0-2
- % Free Liquids 80-85

C. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THIS WASTE IS:
- [ ] RCRA REACTIVE
- [ ] WATER REACTIVE
- [ ] RADIOACTIVE
- [ ] OXIDIZING MATERIAL
- [ ] PYROPHORIC
- [ ] SUBJECT TO NESHAP SUBPART FF BENZENE REGULATIONS
- [ ] ETIOLOGICAL
- [ ] PESTICIDE MANUFACTURING WASTE
- [ ] EXPLOSIVE/SHOCK SENSITIVE
- [x] NONE OF THE ABOVE

SPECIAL HANDLING CONSIDERATIONS
* CERCLA waste, only CERCLA approved outlets may be utilized.

D. CHEMICAL COMPOSITION

1.

	RANGE MIN.-MAX.	
water	85 - 92	%
acetone	0 - 1	%
toluene	0 - 1	%
xylene	0 - 1	%
2-butanone	0 - 1	%
ethylbenzene	0 - 1	%
4-methyl-2-pentanone	0 - 1	%
cyclohexanone	0 - 1	%
n-butanol	0 - 1	%

TOTAL (MUST BE ≥ 100%) 100 %

ALL CHEMICALS LISTED ON MSDS MUST BE INCLUDED IN THIS SECTION.

ALSO LIST ALL SUBSTANCES REGULATED UNDER OSHA 1910.1000, SUBPART Z.

2. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING:

	NONE	or LESS THAN	or ACTUAL
PCB's	[x]	[ ] <50 ppm	ppm
Cyanides	[x]	[ ] <250 ppm	ppm
Phenolics	[x]	[ ] <50 ppm	ppm
Sulfides	[x]	[ ] <500 ppm	ppm

- [ ] MSDS ATTACHED
- [x] SUPPLEMENTAL ANALYSIS ATTACHED

DESCRIBE: volatiles, TCLP
semivolatiles - TCLP
TOC
TCLP metals, pesticides herb,
Total Residue

NO. OF PAGES ATTACHED: 10

E. METALS/ORGANICS (mg/kg or ppm)

☐ EP TOX ☐ TCLP ☐ TOTAL

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL	METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Arsenic	D004	☒ <5.0		Hexachlorobenzene	D032	☒ <0.13	
Barium	D005	☒ <100		Hexachloro-1,3-butadiene	D033	☒ <0.5	
Benzene	D018	☒ <0.5		Hexachloroethane	D034	☒ <3.0	
Cadmium	D006	☒ <1.0		Lead	D008	☒ <5.0	
Carbon tetrachloride	D019	☒ <0.5		Lindane	D013	☒ <0.4	
Chlordane	D020	☒ <0.03		Mercury	D009	☒ <0.2	
Chlorobenzene	D021	☒ <100.0		Methoxychlor	D014	☒ <10.0	
Chloroform	D022	☒ <6.0		Methyl ethyl ketone	D035	☒ <200.0	
Chromium	D007	☒ <5.0		Nitrobenzene	D036	☒ <2.0	
o-Cresol	D023	☒ <200.0		Pentachlorophenol	D037	☒ <100.0	
m-Cresol	D024	☒ <200.0		Pyridine	D038	☒ <5.0	
p-Cresol	D025	☒ <200.0		Selenium	D010	☒ <1.0	
Cresol	D026	☒ <200.0		Silver	D011	☒ <5.0	
2,4-D	D016	☒ <10.0		Tetrachloroethylene	D039	☒ <0.7	
1,4-Dichlorobenzene	D027	☒ <7.5		Toxaphene	D015	☒ <0.5	
1,2-Dichloroethane	D028	☒ <0.5		Trichloroethylene	D040	☒ <0.5	
1,1-Dichloroethylene	D029	☒ <0.7		2,4,5-Trichlorophenol	D041	☒ <400.0	
2,4-Dinitrotoluene	D030	☒ <0.13		2,4,6-Trichlorophenol	D042	☒ <2.0	
Endrin	D012	☒ <0.02		2,4,5-TP (Silvex)	D017	☒ <1.0	
Heptachlor (and its hydroxide)	D031	☒ <0.008		Vinyl chloride	D043	☒ <0.2	

F. LIQUID WASTE CHARACTERISTICS
Fuels and WWT Candidates

ORGANIC PHASE 8-10 %
+ AQUEOUS PHASE 90-92 % = 100%

RANGE

HEAT VALUE _____ BTU/lb
TOTAL HALOGENS _____ % _____ mg/l
ASH CONTENT _____ %
% SULFUR ☐ <0.5% _____ %
BS&W _____ %
WATER CONTENT _____ %
VISCOSITY (cps). _____ @ _____ °F
TOC 9400U mg/l
COD _____ mg/l
BOD _____ mg/l
OIL & GREASE _____ mg/l
TOX _____ mg/l
HOC _____ mg/l

G. SHIPPING/MANIFEST INFORMATION

SHIPMENT METHOD

☐ BULK LIQUID ☐ OTHER (SPECIFY) _____
☐ BULK SOLID
☐ DT ☐ RO
☒ DRUM (SIZE) 55 and 30 gal overpacked into 65 & 55 gal drum

ANTICIPATED VOLUME ☐ GALS. ☒ DRUMS
4 ☐ TONS ☐ CUBIC YDS.
(QUANTITY) PER ☒ ONE TIME ☐ QUARTER ☐ YEAR

TRANSPORTER: Clean Ventures/Active Waste
TRANSPORTER PHONE/CONTACT: _____
TRANSPORTER USEPA I.D. _____

REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO
USEPA HAZARDOUS CODE(S) F003 F005
APPLICABLE SUBCATEGORIES spent solvents
STATE HAZARDOUS WASTE? ☒ YES ☐ NO
STATE CODE(S) F003, F005
D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO
PROPER SHIPPING NAME
RQ, Hazardous Waste, Liquid, n.o.s. (acetone, toluene)
CLASS 9 I.D. NO. NA3082 P.G. III R.Q. 100

H. WASTE CERTIFICATION

1. Does this waste material contain polychlorinated biphenyls? YES ____ NO X
2. Does this waste material contain herbicides or pesticides as described in the 40 CFR Part 261.24 Table #1, Waste Nos. D012-D017? YES ____ NO X
3. Does this waste material contain or ever contain the listed "spent" solvents which would classify the waste as any or all EPA Waste Nos. F001, F002, F003, F004, F005 as per 40 CFR Part 261.31? YES X NO ____
4. Does this waste material contain leachable levels of any of the metals covered by EPA Waste Nos. D004 thru D011 as per 40 CFR Part 261.24? YES ____ NO X
5. Does this waste contain any dioxins as specified by 40 CFR Part 261.31 Waste Nos. F020, F021, F022, F023, F026, F027, F028? YES ____ NO X

PCB ≥ 50 Ni ≥ 134
HOC ≥ 1000 Th ≥ 130

6. Is this waste material a "California List" waste, as per 40 CFR Part 268.32? YES ____ NO X
7. Does this waste material contain D018-D043 as per 40 CFR Part 261.24? YES ____ NO X
8. Does this waste material contain "U", "K" or "P" wastes as defined per 40 CFR Part 261.32 and 261.33? YES ____ NO X
9. Is this waste considered non-hazardous by USEPA standard? YES ____ NO X
10. Does this waste contain any constituents listed under EPA waste # F039 at or above the treatment standards? YES X NO ____ (If yes, list constituents in section D)

AFTER COMPLETION OF QUESTIONS 1 THROUGH 10 PLEASE INITIAL _____

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

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I hereby authorize CYCLE CHEM to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue my approval.

Bonita R. Green — Authorized Signature
EPA-OSC — Title
Bonita L. Green — Name (Print or Type)
5/9/94 — Date

13056
TOTAL P.03

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
WST03

Lab Name: AENI MD ontract: 04-017

Project No.: OHM45 Site: CHASE INLocation: FAULKNER NY Group: #15521

Matrix: (soil/water) LIQUID Lab Sample ID: #017-003

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED40.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	5000	U
74-83-9	Bromomethane	5000	U
75-01-4	Vinyl Chloride	5000	U
75-00-3	Chloroethane	5000	U
75-09-2	Methylene Chloride	13000	B
67-64-1	Acetone	60000	
75-15-0	Carbon Disulfide	50000	U
75-35-4	1,1-Dichloroethene	2500	U
75-34-4	1,1-Dichloroethane	2500	U
540-59-0	1,2-Dichloroethene (total)	2500	U
67-66-3	Chloroform	2500	U
107-06-2	1,2-Dichloroethane	2500	U
78-93-3	2-Butanone	33000	J
71-55-6	1,1,1-Trichloroethane	2500	U
56-23-5	Carbon Tetrachloride	2500	U
108-05-4	Vinyl Acetate	25000	U
75-27-4	Bromodichloromethane	2500	U
78-87-5	1,2-Dichloropropane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
79-01-6	Trichloroethene	2500	U
71-43-2	Benzene	2500	U
124-48-1	Dibromochloromethane	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U
75-25-2	Bromoform	2500	U
108-10-1	4-Methyl-2-Pentanone	13000	J
591-78-6	2-Hexanone	25000	U
127-18-4	Tetrachloroethene	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
108-88-3	Toluene	50000	
108-90-7	Chlorobenzene	2500	U
100-41-4	Ethylbenzene	2400	J
100-42-5	Styrene	2500	U

FORM I VOA

SW846

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
WST03

Lab Name: AENI MD ontract: 04-017

Project No.: OHM45 Site: CHASE INLocation: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-003

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED40.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
133-02-7	Xylene (total)	15000	

FORM I VOA

400032 SW846

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
WST03

Lab Name: AENI MD Contract: 04-017

Project No. OHM Site: CHASE I Location: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-003

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED40.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0.1 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 10 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 123-72-8	Butanal	12.83	280000	J
2. 71-36-3	1-Butanol	15.88	13000	J
3. 628-28-4	Butane, 1-methoxy-	18.19	6700	J
4. 110-54-3	Hexane	19.46	8600	J
5. 108-94-1	Cyclohexanone	20.72	8200	J
6. 111-76-2	Ethanol, 2-butoxy-	26.36	360000	J
7. 7146-60-3	Octane, 2,3-dimethyl-	27.56	4200	J
8. 2213-23-2	Heptane, 2,4-dimethyl-	29.16	7600	J
9. 645-62-5	2-Hexenal, 2-ethyl-	32.73	24000	J
10. 104-76-7	1-Hexanol, 2-ethyl-	33.84	22000	J
11.				
12.				
13.				
14.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

WST03

Lab Name: AENI MD Contract: 04-017

Project No.: OHM45 Site: CHASE IN Location: FAULKNER, NY Group: _____

Matrix: (soil/water) LIQUID Lab Sample ID: #017-003

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: ED40.D

Level: (low/med) _____ Date Received: 4/2/94

% Moisture: not dec. 100 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 500.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L of Leach	Q
75-01-4	Vinyl Chloride	5000	UD
75-35-4	1,1-Dichloroethene	2500	UD
67-66-3	Chloroform	2500	UD
107-06-2	1,2-Dichloroethane	2500	UD
78-93-3	2-Butanone	50000	UD
56-23-5	Carbon Tetrachloride	2500	UD
79-01-6	Trichloroethene	2500	UD
71-43-2	Benzene	2500	UD
127-18-4	Tetrachloroethene	2500	UD
108-90-7	Chlorobenzene	2500	UD
106-46-7	1,4-Dichlorobenzene	2500	UD

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

WST03

Lab Name: AENI MD Contract: 9404-017

Project No.: AENI Site: OHM Location: CHASE Group: N.A.

Matrix: (soil/water) WATER Lab Sample ID: #003

Sample wt/vol: 100.0 (g/mL ML Lab File ID: BD014.D

Level: (low/med) Date Received: 4/2/94

% Moisture: 100 decanted: (Y/N): N Date Extracted: 4/7/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 4/8/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.6

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L of Leach	Q
110-86-1	Pyridine	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
95-48-7	2-Methylphenol	1000	U
67-72-1	Hexachloroethane	1000	U
106-44-5	4-Methylphenol	1000	U
98-95-3	Nitrobenzene	1000	U
87-68-3	Hexachlorobutadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
95-95-4	2,4,5-Trichlorophenol	5000	U
121-14-2	2,4-Dinitrotoluene	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	5000	U

AMERICAN ENVIRONMENTAL NETWORK, INC.

9151 Rumsey Road, Suite 150
Columbia, MD 21045-1992
(410) 730-8525 FAX: (410) 997-2586

Report Number: 9404017
Report To: OHM Corporation
Project: Chase Interiors
Date: April 14, 1994
Analysis: Total Residue, EPA 160.3

Client ID	AENI ID	Result	Date Analyzed
WST03	9404017-003	180,000	04/07/94

(1) Results reported as mg/L.
(2) Sample analyzed in duplicate.

AMERICAN ENVIRONMENTAL
NETWORK

1
INORGANIC ANALYSIS DATA SHEET SAMPLE NO.

WST03

Lab Name:AMERICAN ENVIRON NETWORK
ontract: OHM-CHASE
DG No.:OHM002

atrix (soil/water): SOIL

Lab Sample ID: S41703

Level (low/med): LOW

Date Received: 04/02/94

Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	10.0	U		P
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	50.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

lor Before: SOIL

Clarity Before: SOIL

Texture:

lor After: SOIL

Clarity After: SOIL

Artifacts:

ments:

FORM I - IN

700001

AMERICAN ENVIRONMENTAL NETWORK, INC.

9151 Rumsey Road Suite 150, Columbia, MD 21045-1992
(410) 730-8525 Fax (410) 997-2586

CLIENT: OHM Corporation
PROJECT: Chase Interiors
AENI PROJECT NUMBER: 9404017

CLIENT ID: WST03
AENI ID: 9404017-003
MATRIX: Liquid

DATE SAMPLED: 04/01/94
DATE RECEIVED: 04/02/94
DATE REPORTED: 04/08/94

ANALYSIS	RESULT	DETECTION LIMIT	METHOD
Total Organic Carbon	94,000 mg/L	1 mg/L	EPA 9060

AMERICAN ENVIRONMENTAL NETWORK, INC.

Organic Analysis Data Sheet

TCLP PESTICIDES

Case No.:——— 9404017

Project Name:——— CHASE INTERIORS

Client Name:——— OHM CORPORATION

Sample Number
WST03

AENI # 9404017-003 1-10DIL

Concentration:——— Low

Date Sampled:——— 4/1/94

Date Received:——— 4/2/94

Date Ext Prepared:—— 4/6/94

Date Analyzed:——— 4/8/94

Conc/Dil Factor:——— 10

GPC Cleanup	Yes	X No
Seperatory Funnel Extraction		X Yes
Continuous Liquid - Liquid Extration		Yes
Percent Moisture	N/A	

CAS Number	Compound	Concentration ug/L	Detection Limit	Qualifier
58-89-9	gamma-BHC (Lindane)		5.0	U
75-44-8	Heptachlor		5.0	U
1024-57-3	Heptachlor epoxide		5.0	U
72-20-8	Endrin		10	U
72-43-5	Methoxychlor		50	U
5103-71-9	alpha-Chlordane		5.0	U
5103-74-2	gamma-Chlordane		5.0	U
8001-35-2	Toxaphene		500	U

Vi - Volume of extract injected (ul) - _____ 1

Vs - Volume of Water extracted (ml) - _____ 100

Ws - Weight of sample extracted (g) - _____ N/A

Vt - Volume of total extract (ul) - _____ 10,000

FORM I

AMERICAN ENVIRONMENTAL NETWORK INC.
ORGANIC ANALYSIS DATA SHEET
HERBICIDES

Sample Number
WST03

Case No.:_____ 9404017
Client Name:_____ OHM CORPORATION

AENI # 9404017-003

Concentration: _____ Low
Date Sampled:_____ 4/1/94
Date Extract Prepared:_ 4/7/94
Date Analyzed:_____ 4/8/94
Conc/Dil Factor:_____ 1
Matrix_____ LEACH

GPC Cleanup _____ No
Separatory Funnel Ext.: ____ Yes
Continuous Liq-Liq Ext.: ___ No
Percent Moisture (decanted)_ N/A

Compound	Concentration ug/L	Reporting Limit	Qualifier
SILVEX		250	U
2,4 D		250	U

Vi - Volume of extract injected (ul)___ 2
Vs - Volume of water extracted (ml)__ 100
Ws - Mass of soil extracted (g)_____ N/A
Vt- Volume of total extract (ul)_____ 5000

FORM I

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
(908) 355-5800

MATERIAL PROFILE SHEETS
PRODUCT CODE _____
PROCESS CODE _____

A. GENERATOR INFORMATION

13056

GENERATOR US EPA I.D. NY0083533125
GENERATOR STATE I.D. NY0083533125

GENERATOR NAME U.S. EPA Region II
MAILING ADDRESS 2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

BILLING ADDRESS IF DIFFERENT
OHM Corporation
200 Horizon Center Blvd, Trenton NJ 08691
CONTACT Tom Joyner 609-588-6355

TECHNICAL CONTACT Michael Schubert TITLE TCA Coordinator PHONE 315-451-0186
SITE ADDRESS Chem Interrisi Site, 205-247 West Lutter Avenue, Falconer, NY 14733
NAME OF WASTE sodium hydroxide contaminated with F-listed solvents
PROCESS GENERATING WASTE abandoned drums at CERCLA cleanup site were analyzed and found to contain F-listed solvents

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: clear

☐ WASTEWATER
☒ NONWASTEWATER

STRONG INCIDENTAL ODOR PRESENT? ☐ YES ☒ NO
DESCRIBE _____

PHYSICAL STATE @ 70°F
☐ SOLID ☒ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI-SOLID ☐ SLUDGE

DUMPABLE? ☒ YES ☐ NO
Pumpable? ☒ YES ☐ NO
Pourable? ☒ YES ☐ NO

CORROSIVITY (pH)
☐ ≤2.0 ☐ 9.01-12.49
☐ 2.01-5 ☒ ≥12.50
☐ 5.01-9 ☒ EXACT pH 13.6

SPECIFIC GRAVITY
☐ <.8 ☐ 1.2-1.4
☒ .8-1.0 ☐ 1.4-1.7
☐ 1.0-1.2 ☐ >1.7
☐ EXACT _____

FLASH POINT
☐ <70°F ☐ >200°F
☐ 70°F - 100°F ☒ NO FLASH
☐ 101°F - 139°F ☐ EXACT _____
☐ 140°F - 200°F
IGNITABLE (if solid) ☐ YES ☐ NO
☐ CLOSED CUP ☐ OPEN CUP

LIQUID/SOLID
% Total Solids 15-20
% Suspended Solids 0-2
% Dissolved Solids 0-2
% Free Liquids 80-85

C. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THIS WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ SUBJECT TO NESHAP SUBPART FF BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

SPECIAL HANDLING CONSIDERATIONS
* CERCLA waste, only CERCLA approved outlets may be utilized.

D. CHEMICAL COMPOSITION

1.	RANGE MIN.-MAX.	
sodium hydroxide solution	85 - 92	%
acetone	0 - 1	%
toluene	0 - 1	%
xylene	0 - 1	%
2-butanone	0 - 1	%
ethyl benzene	0 - 1	%
4-methyl-2-pentanone	0 - 1	%
cyclohexanone	0 - 1	%
n-butanol	0 - 1	%
TOTAL (MUST BE ≥ 100%)	100	%

ALL CHEMICALS LISTED ON MSDS MUST BE INCLUDED IN THIS SECTION.

ALSO LIST ALL SUBSTANCES REGULATED UNDER OSHA 1910.1000, SUBPART Z.

2. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING:

	NONE	or LESS THAN	or ACTUAL
PCB's	☒	☐ <50 ppm	_____ ppm
Cyanides	☒	☐ <250 ppm	_____ ppm
Phenolics	☒	☐ <50 ppm	_____ ppm
Sulfides	☒	☐ <500 ppm	_____ ppm

☐ MSDS ATTACHED
☒ SUPPLEMENTAL ANALYSIS ATTACHED
DESCRIBE: TCLP volatile, semivolatile, pesticides, herbicides, metals, Total Residue, TOC

NO. OF PAGES ATTACHED: 10

E. METALS/ORGANICS (mg/kg or ppm)

☐ EP TOX ☐ TCLP ☐ TOTAL

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Arsenic	D004	☒ <5.0	
Barium	D005	☒ <100	
Benzene	D018	☒ <0.5	
Cadmium	D006	☒ <1.0	
Carbon tetrachloride	D019	☒ <0.5	
Chlordane	D020	☒ <0.03	
Chlorobenzene	D021	☒ <100.0	
Chloroform	D022	☒ <6.0	
Chromium	D007	☒ <5.0	
o-Cresol	D023	☒ <200.0	
m-Cresol	D024	☒ <200.0	
p-Cresol	D025	☒ <200.0	
Cresol	D026	☒ <200.0	
2,4-D	D016	☒ <10.0	
1,4-Dichlorobenzene	D027	☒ <7.5	
1,2-Dichloroethane	D028	☒ <0.5	
1,1-Dichloroethylene	D029	☒ <0.7	
2,4-Dinitrotoluene	D030	☒ <0.13	
Endrin	D012	☒ <0.02	
Heptachlor (and its hydroxide)	D031	☒ <0.008	

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Hexachlorobenzene	D032	☒ <0.13	
Hexachloro-1,3-butadiene	D033	☒ <0.5	
Hexachloroethane	D034	☒ <3.0	
Lead	D008	☒ <5.0	
Lindane	D013	☒ <0.4	
Mercury	D009	☒ <0.2	
Methoxychlor	D014	☒ <10.0	
Methyl ethyl ketone	D035	☒ <200.0	
Nitrobenzene	D036	☒ <2.0	
Pentachlorophenol	D037	☒ <100.0	
Pyridine	D038	☒ <5.0	
Selenium	D010	☒ <1.0	
Silver	D011	☒ <5.0	
Tetrachloroethylene	D039	☒ <0.7	
Toxaphene	D015	☒ <0.5	
Trichloroethylene	D040	☒ <0.5	
2,4,5-Trichlorophenol	D041	☒ <400.0	
2,4,6-Trichlorophenol	D042	☒ <2.0	
2,4,5-TP (Silvex)	D017	☒ <1.0	
Vinyl chloride	D043	☒ <0.2	

F. LIQUID WASTE CHARACTERISTICS

Fuels and NPWT Candidates

ORGANIC PHASE 8-10 %
+ AQUEOUS PHASE 90-92 % = 100%

RANGE	
HEAT VALUE	BTU/lb
TOTAL HALOGENS %	mg/l
ASH CONTENT	%
% SULFUR ☐ <0.5%	%
BS&W	%
WATER CONTENT	%
VISCOSITY (cSt) @	°F
TOC 94,000	mg/l
COD	mg/l
BOD	mg/l
OIL & GREASE	mg/l
TOX	mg/l
HOC	mg/l

G. SHIPPING/MANIFEST INFORMATION

SHIPMENT METHOD
☐ BULK LIQUID
☐ BULK SOLID
☐ DT ☐ RO
☐ OTHER (SPECIFY)
☒ DRUM (SIZE) 55gal overpacked into 65gal drums

ANTICIPATED VOLUME ☐ GALS. ☒ DRUMS ☐ TONS ☐ CUBIC YDS.
3 (QUANTITY) PER ☒ ONE TIME ☐ QUARTER ☐ YEAR

TRANSPORTER: Clean Ventures/Active Waste
TRANSPORTER PHONE/CONTACT:
TRANSPORTER USEPA I.D.

REGULATORY INFORMATION
USEPA HAZARDOUS WASTE? ☒ YES ☐ NO
USEPA HAZARDOUS CODE(S) F003 F005 D002
APPLICABLE SUBCATEGORIES alkaline liquid subcat. spent solvents
STATE HAZARDOUS WASTE? ☒ YES ☐ NO
STATE CODE(S) F003, F005, D002
D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO
PROPER SHIPPING NAME RQ Waste Caustic alkali liquid, n.o.s. (sodium hydroxide, acetone)
CLASS 8 I.D. NO. UN1719 P.G. III R.Q. 100

H. WASTE CERTIFICATION

1. Does this waste material contain polychlorinated biphenyls? YES ____ NO X
2. Does this waste material contain herbicides or pesticides as described in the 40 CFR Part 261.24 Table #1, Waste Nos D012-D017? YES ____ NO X
3. Does this waste material contain or ever contain the listed "spent" solvents which would classify the waste as any or all EPA Waste Nos. F001, F002, F003, F004, F005 as per 40 CFR Part 261.31? YES ____ NO ____
4. Does this waste material contain leachable levels of any of the metals covered by EPA Waste Nos. D004 thru D011 as per 40 CFR Part 261.24? YES ____ NO ____
5. Does this waste material contain leachable levels of any of the metals covered by 40 CFR Part 261.31 Waste Nos. F020, F021, F022, F023, F026, F027, F028? YES ____ NO X
6. Does this waste contain any dioxins as specified by 40 CFR Part 261.31? YES ____ NO ____
7. Is this waste material a "California List" waste, as per 40 CFR Part 268.32? YES ____ NO ____
8. Does this waste material contain D018-D043 as per 40 CFR Part 261.24? YES ____ NO ____
9. Does this waste material contain "U", "K" or "P" wastes as defined per 40 CFR Part 261.32 and 261.33? YES ____ NO ____
10. Is this waste considered non-hazardous by USEPA standard? YES ____ NO ____
11. Does this waste contain any constituents listed under EPA waste # F039 at or above the treatment standards? YES ____ NO ____ (If yes, list constituents in section D)

PCB ≥ 50 Ni ≥ 134
HOC ≥ 1000 Th ≥ 130

AFTER COMPLETION OF QUESTIONS 1 THROUGH 10 PLEASE INITIAL ____

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CYCLE CHEM discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS, then CYCLE CHEM shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CYCLE CHEM for all handling, packaging, clean up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CYCLE CHEM during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator.

I hereby authorize CYCLE CHEM to amend and/or correct any information on the MPS with the full understanding that any amendment or correction is performed, I will be contacted as such to issue my approval.

Bonita L. Green — Authorized Signature
Title: EPA-OSC
Bonita L. Green — Name (Print or Type)
Date: 5/9/94

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

WST03

Lab Name: AENI MD ontract: 04-017

Project No.: OHM45 Site: CHASE INLocation: FAULKNER NY Group: #15521

Matrix: (soil/water) LIQUID Lab Sample ID: #017-003

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED40.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	5000	U
74-83-9	Bromomethane	5000	U
75-01-4	Vinyl Chloride	5000	U
75-00-3	Chloroethane	5000	U
75-09-2	Methylene Chloride	13000	B
67-64-1	Acetone	60000	
75-15-0	Carbon Disulfide	50000	U
75-35-4	1,1-Dichloroethene	2500	U
75-34-4	1,1-Dichloroethane	2500	U
540-59-0	1,2-Dichloroethene (total)	2500	U
67-66-3	Chloroform	2500	U
107-06-2	1,2-Dichloroethane	2500	U
78-93-3	2-Butanone	33000	J
71-55-6	1,1,1-Trichloroethane	2500	U
56-23-5	Carbon Tetrachloride	2500	U
108-05-4	Vinyl Acetate	25000	U
75-27-4	Bromodichloromethane	2500	U
78-87-5	1,2-Dichloropropane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
79-01-6	Trichloroethene	2500	U
71-43-2	Benzene	2500	U
124-48-1	Dibromochloromethane	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U
75-25-2	Bromoform	2500	U
108-10-1	4-Methyl-2-Pentanone	13000	J
591-78-6	2-Hexanone	25000	U
127-18-4	Tetrachloroethene	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
108-88-3	Toluene	50000	
108-90-7	Chlorobenzene	2500	U
100-41-4	Ethylbenzene	2400	J
100-42-5	Styrene	2500	U

FORM I VOA

SW846

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

WST03

Lab Name: AENI MD ontract: 04-017

Project No.: OHM45 Site: CHASE INLocation: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-003

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED40.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
133-02-7	Xylene (total)	15000	

FORM I VOA

SW846

000032

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

WST03

Lab Name: AENI MD Contract: 04-017

Project No. OHM Site: CHASE I Location: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-003

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED40.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0.1 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 10 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 123-72-8	Butanal	12.83	280000	J
2. 71-36-3	1-Butanol	15.88	13000	J
3. 628-28-4	Butane, 1-methoxy-	18.19	6700	J
4. 110-54-3	Hexane	19.46	8600	J
5. 108-94-1	Cyclohexanone	20.72	8200	J
6. 111-76-2	Ethanol, 2-butoxy-	26.36	360000	J
7. 7146-60-3	Octane, 2,3-dimethyl-	27.56	4200	J
8. 2213-23-2	Heptane, 2,4-dimethyl-	29.16	7600	J
9. 645-62-5	2-Hexenal, 2-ethyl-	32.73	24000	J
10. 104-76-7	1-Hexanol, 2-ethyl-	33.84	22000	J
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
WST03

Lab Name: AENI MD Contract: 04-017

Project No.: OHM45 Site: CHASE IN Location: FAULKNER, NY Group:

Matrix: (soil/water) LIQUID Lab Sample ID: #017-003

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: ED40.D

Level: (low/med) Date Received: 4/2/94

% Moisture: not dec. 100 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 500.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L of Leach	Q
75-01-4	Vinyl Chloride	5000	UD
75-35-4	1,1-Dichloroethene	2500	UD
67-66-3	Chloroform	2500	UD
107-06-2	1,2-Dichloroethane	2500	UD
78-93-3	2-Butanone	50000	UD
56-23-5	Carbon Tetrachloride	2500	UD
79-01-6	Trichloroethene	2500	UD
71-43-2	Benzene	2500	UD
127-18-4	Tetrachloroethene	2500	UD
108-90-7	Chlorobenzene	2500	UD
106-46-7	1,4-Dichlorobenzene	2500	UD

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

WST03

Lab Name: AENI MD Contract: 9404-017

Project No.: AENI Site: OHM Location: CHASE Group: N.A.

Matrix: (soil/water) WATER Lab Sample ID: #003

Sample wt/vol: 100.0 (g/mL ML Lab File ID: BD014.D

Level: (low/med) Date Received: 4/2/94

% Moisture: 100 decanted: (Y/N): N Date Extracted: 4/7/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 4/8/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.6

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L of Leach	Q
110-86-1	Pyridine	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
95-48-7	2-Methylphenol	1000	U
67-72-1	Hexachloroethane	1000	U
106-44-5	4-Methylphenol	1000	U
98-95-3	Nitrobenzene	1000	U
87-68-3	Hexachlorobutadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
95-95-4	2,4,5-Trichlorophenol	5000	U
121-14-2	2,4-Dinitrotoluene	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	5000	U

AMERICAN ENVIRONMENTAL NETWORK, INC.

9151 Rumsey Road, Suite 150
Columbia, MD 21045-1992
(410) 730-8525 FAX: (410) 997-2586

Report Number: 9404017
Report To: OHM Corporation
Project: Chase Interiors
Date: April 14, 1994
Analysis: Total Residue, EPA 160.3

Client ID	AENI ID	Result	Date Analyzed
WST03	9404017-003	180,000	04/07/94

(1) Results reported as mg/L.
(2) Sample analyzed in duplicate.

AMERICAN ENVIRONMENTAL
NETWORK

1
INORGANIC ANALYSIS DATA SHEET SAMPLE NO.

WST03

Lab Name: AMERICAN ENVIRON NETWORK
Contract: OHM-CHASE
SDG No.: OHM002

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids: 0.0

Lab Sample ID: S41703

Date Received: 04/02/94

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	10.0	U		P
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	50.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: SOIL

Clarity Before: SOIL

Texture:

Color After: SOIL

Clarity After: SOIL

Artifacts:

Comments:

FORM I - IN

700004

AMERICAN ENVIRONMENTAL NETWORK, INC.

9151 Rumsey Road Suite 150, Columbia, MD 21045-1992
(410) 730-8525 Fax (410) 997-2586

CLIENT: OHM Corporation
PROJECT: Chase Interiors
AENI PROJECT NUMBER: 9404017

CLIENT ID: WST03
AENI ID: 9404017-003
MATRIX: Liquid

DATE SAMPLED: 04/01/94
DATE RECEIVED: 04/02/94
DATE REPORTED: 04/08/94

ANALYSIS	RESULT	DETECTION LIMIT	METHOD
Total Organic Carbon	94,000 mg/L	1 mg/L	EPA 9060

AMERICAN ENVIRONMENTAL NETWORK, INC.

Organic Analysis Data Sheet

TCLP PESTICIDES

Case No.:——— 9404017

Project Name:——— CHASE INTERIORS

Client Name:——— OHM CORPORATION

Sample Number
WST03

AENI # 9404017-003 1-10DIL

Concentration:——— Low

Date Sampled:——— 4/1/94

Date Received:——— 4/2/94

Date Ext Prepared:——— 4/6/94

Date Analyzed:——— 4/8/94

Conc/Dil Factor:——— 10

GPC Cleanup	Yes	X No
Seperatory Funnel Extraction		X Yes
Continuous Liquid - Liquid Extration		Yes
Percent Moisture	N/A	

CAS Number	Compound	Concentration ug/L	Detection Limit	Qualifier
58-89-9	gamma-BHC (Lindane)		5.0	U
75-44-8	Heptachlor		5.0	U
1024-57-3	Heptachlor epoxide		5.0	U
72-20-8	Endrin		10	U
72-43-5	Methoxychlor		50	U
5103-71-9	alpha-Chlordane		5.0	U
5103-74-2	gamma-Chlordane		5.0	U
8001-35-2	Toxaphene		500	U

Vi - Volume of extract injected (ul) - _____ 1

Vs - Volume of Water extracted (ml) - _____ 100

Ws - Weight of sample extracted (g) - _____ N/A

Vt - Volume of total extract (ul) - _____ 10,000

FORM I

AMERICAN ENVIRONMENTAL NETWORK INC.
ORGANIC ANALYSIS DATA SHEET
HERBICIDES

Case No.:_____ 9404017
Client Name:_____ OHM CORPORATION

Sample Number
WST03

AENI # 9404017-003

Concentration: _____ Low
Date Sampled:_____ 4/1/94
Date Extract Prepared:_ 4/7/94
Date Analyzed:_____ 4/8/94
Conc/Dil Factor:_____ 1
Matrix_____ LEACH

GPC Cleanup _____ No
Separatory Funnel Ext.: ____ Yes
Continuous Liq-Liq Ext.: ____ No
Percent Moisture (decanted)_ N/A

Compound	Concentration ug/L	Reporting Limit	Qualifier
SILVEX		250	U
2,4 D		250	U

Vi - Volume of extract injected (ul)___ 2
Vs - Volume of water extracted (ml)__ 100
Ws - Mass of soil extracted (g)____ N/A
Vt- Volume of total extract (ul)_____ 5000

FORM I

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
(908) 355-6800

MATERIAL PROFILE SHEETS
PRODUCT CODE
PROCESS CODE

A. GENERATOR INFORMATION

13056

GENERATOR US EPA I.D. NY0083531125
GENERATOR STATE I.D. NY0083531125

GENERATOR NAME U.S. EPA Region II
MAILING ADDRESS 2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

BILLING ADDRESS IF DIFFERENT OHM Corporation
200 Horizon Center Blvd, Trenton, NJ 08691
CONTACT Tim Joyner 609-588-6355

TECHNICAL CONTACT Michael Schubert TITLE TCA Coordinator PHONE 315-451-0186
SITE ADDRESS Chase Enterprises Site, 205-247 West Lister Avenue, Falconer, NY 14733
NAME OF WASTE soil/debris/PPE contaminated with F-listed solvents
PROCESS GENERATING WASTE abandoned drums were tested at a CERCLA cleanup site and found to contain F-listed solvents

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: varies

☐ WASTEWATER
☒ NONWASTEWATER

STRONG INCIDENTAL ODOR PRESENT? ☐ YES ☒ NO
DESCRIBE

PHYSICAL STATE @ 70°F: ☒ SOLID ☐ LIQUID ☐ POWDER ☐ SEMI-SOLID
☒ SINGLE PHASE ☐ BI-LAYERED ☐ MULTI-LAYERED ☐ SLUDGE

DUMPABLE? ☒ YES ☐ NO
Pumpable? ☐ YES ☒ NO
Pourable? ☒ YES ☐ NO

CORROSIVITY (pH): ☐ ≤2.0 ☐ 2.01-5 ☒ 5.01-9 ☐ 9.01-12.49 ☐ ≥12.50 ☐ EXACT pH

SPECIFIC GRAVITY: ☐ <.8 ☐ .8-1.0 ☒ 1.0-1.2 ☐ EXACT ☐ 1.2-1.4 ☐ 1.4-1.7 ☐ >1.7

FLASH POINT: ☐ <70°F ☐ 70°F - 100°F ☐ 101°F - 139°F ☐ 140°F - 200°F ☐ >200°F ☒ NO FLASH ☐ EXACT
IGNITABLE (if solid) ☐ YES ☒ NO ☐ CLOSED CUP ☐ OPEN CUP

LIQUID/SOLID
% Total Solids 100
% Suspended Solids —
% Dissolved Solids —
% Free Liquids 0

C. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THIS WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ SUBJECT TO NESHAP SUBPART FF BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

SPECIAL HANDLING CONSIDERATIONS
* CERCLA waste, only CERCLA approved outlets may be utilized.

D. CHEMICAL COMPOSITION

1.	RANGE MIN.-MAX.	
soil	40 - 50	%
debris (wood, plastic, metal)	20 - 30	%
PPE	10 - 20	%
toluene	0 - 1	%
xylene	0 - 1	%
nitrobenzene	0 - 1	%
4-methyl-2-pentanone	0 - 1	%
ethyl benzene	0 - 1	%
benzene	14.5 ppm	%

TOTAL (MUST BE ≥ 100%) ____ %

ALL CHEMICALS LISTED ON MSDS MUST BE INCLUDED IN THIS SECTION.

ALSO LIST ALL SUBSTANCES REGULATED UNDER OSHA 1910.1000, SUBPART Z.

2. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING:

	NONE	or LESS THAN	or ACTUAL
PCB's	☒	☐ <50 ppm	____ ppm
Cyanides	☒	☐ <250 ppm	____ ppm
Phenolics	☒	☐ <50 ppm	____ ppm
Sulfides	☒	☐ <500 ppm	____ ppm

☐ MSDS ATTACHED
☒ SUPPLEMENTAL ANALYSIS ATTACHED
DESCRIBE: TCLP-metals, volatiles, pesticides, herbicides, semivolatiles

NO. OF PAGES ATTACHED: 8

E. METALS/ORGANICS (mg/kg or ppm)

☐ EP TOX ☐ TCLP ☐ TOTAL

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL	METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Arsenic	D004	☒ <5.0		Hexachlorobenzene	D032	☒ <0.13	
Barium	D005	☒ <100		Hexachloro-1,3-butadiene	D033	☒ <0.5	
Benzene	D018	☒ <0.5		Hexachloroethane	D034	☒ <3.0	
Cadmium	D006	☒ <1.0		Lead	D008	☒ <5.0	
Carbon tetrachloride	D019	☒ <0.5		Lindane	D013	☒ <0.4	
Chlordane	D020	☒ <0.03		Mercury	D009	☒ <0.2	
Chlorobenzene	D021	☒ <100.0		Methoxychlor	D014	☒ <10.0	
Chloroform	D022	☒ <6.0		Methyl ethyl ketone	D035	☒ <200.0	
Chromium	D007	☒ <5.0		Nitrobenzene	D036	☒ <2.0	
o-Cresol	D023	☒ <200.0		Pentachlorophenol	D037	☒ <100.0	
m-Cresol	D024	☒ <200.0		Pyridine	D038	☒ <5.0	
p-Cresol	D025	☒ <200.0		Selenium	D010	☒ <1.0	
Cresol	D026	☒ <200.0		Silver	D011	☒ <5.0	
2,4-D	D016	☒ <10.0		Tetrachloroethylene	D039	☒ <0.7	
1,4-Dichlorobenzene	D027	☒ <7.5		Toxaphene	D015	☒ <0.5	
1,2-Dichloroethane	D028	☒ <0.5		Trichloroethylene	D040	☒ <0.5	
1,1-Dichloroethylene	D029	☒ <0.7		2,4,5-Trichlorophenol	D041	☒ <400.0	
2,4-Dinitrotoluene	D030	☒ <0.13		2,4,6-Trichlorophenol	D042	☒ <2.0	
Endrin	D012	☒ <0.02		2,4,5-TP (Silvex)	D017	☒ <1.0	
Heptachlor (and its hydroxide)	D031	☒ <0.008		Vinyl chloride	D043	☒ <0.2	

F. LIQUID WASTE CHARACTERISTICS

Fuels and WWT Candidates

ORGANIC PHASE ..... % Not Applicable

+ AQUEOUS PHASE ..... % = 100%

RANGE

HEAT VALUE _____ BTU/lb

TOTAL HALOGENS _____ % _____ mg/l

ASH CONTENT _____ %

% SULFUR ☐ <0.5% _____ %

BS&W _____ %

WATER CONTENT _____ %

VISCOSITY (cps) _____ @ _____ °F

TOC _____ mg/l

COD _____ mg/l

BOD _____ mg/l

OIL & GREASE _____ mg/l

TOX _____ mg/l

HOC _____ mg/l

G. SHIPPING/MANIFEST INFORMATION

SHIPMENT METHOD

☐ BULK LIQUID ☐ OTHER (SPECIFY) _____

☐ BULK SOLID _____

☐ DT ☐ RO

☒ DRUM (SIZE) 55 gal drum overpacked into 65 gal drum

ANTICIPATED VOLUME ☐ GALS. ☒ DRUMS

7 ☐ TONS ☐ CUBIC YDS.

(QUANTITY) PER ☒ ONE TIME ☐ QUARTER ☐ YEAR

TRANSPORTER: Clean Ventures/Active Waste

TRANSPORTER PHONE/CONTACT: _____

TRANSPORTER USEPA I.D. _____

REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

USEPA HAZARDOUS CODE(S) F003 F005 D018 F004

APPLICABLE SUBCATEGORIES spent solvents, benzene

STATE HAZARDOUS WASTE? ☒ YES ☐ NO

STATE CODE(S) F003, D018, F005, F004

D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO

PROPER SHIPPING NAME

RQ, Hazardous Waste, Solid, n.o.s (benzene, toluene)

CLASS 9 I.D. NO. NA3077 P.G. III R.Q. 100

H. WASTE CERTIFICATION

1. Does this waste material contain polychlorinated biphenyls? YES ____ NO X
2. Does this waste material contain herbicides or pesticides as described in the 40 CFR Part 261.24 Table #1, Waste Nos. D012-D017? YES ____ NO X
3. Does this waste material contain or ever contain the listed "spent" solvents which would classify the waste as any or all EPA Waste Nos. F001, F002, F003, F004, F005 as per 40 CFR Part 261.31? YES X NO ____
4. Does this waste material contain leachable levels of any of the metals covered by EPA Waste Nos. D004 thru D011 as per 40 CFR Part 261.24? YES ____ NO X
5. Does this waste contain any dioxins as specified by 40 CFR Part 261.31 Waste Nos. F020, F021, F022, F023, F026, F027, F028? YES ____ NO X
6. Is this waste material a "California List" waste, as per 40 CFR Part 268.32? YES ____ NO X
7. Does this waste material contain D018-D043 as per 40 CFR Part 261.24? YES X NO ____
8. Does this waste material contain "U", "K" or "P" wastes as defined per 40 CFR Part 261.32 and 261.33? YES ____ NO X
9. Is this waste considered non-hazardous by USEPA standard? YES ____ NO X
10. Does this waste contain any constituents listed under EPA waste # F039 at or above the treatment standards? YES X NO ____ (If yes, list constituents in section D)

PCB ≥ 50 Ni ≥ 134
HOC ≥ 1000 Th ≥ 130

AFTER COMPLETION OF QUESTIONS 1 THROUGH 10 PLEASE INITIAL _____

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

If CYCLE CHEM discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS, then CYCLE CHEM shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CYCLE CHEM for all handling, packaging, clean up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CYCLE CHEM during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator.

I hereby authorize CYCLE CHEM to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue my approval.

Bonita L. Green — Authorized Signature

EPA-OSC — Title

Bonita C. Green — Name (Print or Type)

5/9/94 — Date

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
WST04

Lab Name: AENI MD ontract: 04-017

Project No.: OHM45 Site: CHASE INLocation: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-004

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED41.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	5000	U
74-83-9	Bromomethane	5000	U
75-01-4	Vinyl Chloride	5000	U
75-00-3	Chloroethane	5000	U
75-09-2	Methylene Chloride	11000	B
67-64-1	Acetone	50000	U
75-15-0	Carbon Disulfide	50000	U
75-35-4	1,1-Dichloroethene	2500	U
75-34-4	1,1-Dichloroethane	2500	U
540-59-0	1,2-Dichloroethene (total)	2500	U
67-66-3	Chloroform	2500	U
107-06-2	1,2-Dichloroethane	2500	U
78-93-3	2-Butanone	50000	U
71-55-6	1,1,1-Trichloroethane	2500	U
56-23-5	Carbon Tetrachloride	2500	U
108-05-4	Vinyl Acetate	25000	U
75-27-4	Bromodichloromethane	2500	U
78-87-5	1,2-Dichloropropane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
79-01-6	Trichloroethene	2500	U
71-43-2	Benzene	2500	U
124-48-1	Dibromochloromethane	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U
75-25-2	Bromoform	2500	U
108-10-1	4-Methyl-2-Pentanone	2900	J
591-78-6	2-Hexanone	25000	U
127-18-4	Tetrachloroethene	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
108-88-3	Toluene	14000	
108-90-7	Chlorobenzene	2500	U
100-41-4	Ethylbenzene	1300	J
100-42-5	Styrene	2500	U

FORM I VOA

SW846

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

WST04

Lab Name: AENI MD ontract: 04-017

Project No.: OHM45 Site: CHASE INLocation: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-004

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED41.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
133-02-7	Xylene (total)	13000	

400030

FORM I VOA

SW846

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

WST04

Lab Name: AENI MD Contract: 04-017

Project No. OHM Site: CHASE I Location: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-004

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED41.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0.1 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 10 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown	1.25	23000	J
2.	Unknown	1.33	6200	J
3.	Unknown	1.54	21000	J
4.	Unknown	1.63	7900	J
5.	Unknown	1.84	11000	J
6.	Unknown	2.25	7700	J
7. 123-72-8	Butanal	12.84	6000	J
8. 763-29-1	1-Pentene, 2-methyl-	14.85	10000	J
9. 110-54-3	Hexane	19.45	8900	J
10. 111-76-2	Ethanol, 2-butoxy-	26.35	90000	J
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

400037

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

WST04

Lab Name: AENI MD Contract: 04-017

Project No.: OHM45 Site: CHASE IN Location: FAULKNER, NY Group: _____

Matrix: (soil/water) SOLID Lab Sample ID: #017-004

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: ED42.D

Level: (low/med) _____ Date Received: 4/2/94

% Moisture: not dec. 100 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 50.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L of Leach	Q
75-01-4	Vinyl Chloride	500	UD
75-35-4	1,1-Dichloroethene	250	UD
67-66-3	Chloroform	250	UD
107-06-2	1,2-Dichloroethane	250	UD
78-93-3	2-Butanone	5000	UD
56-23-5	Carbon Tetrachloride	250	UD
79-01-6	Trichloroethene	250	UD
71-43-2	Benzene	290	D
127-18-4	Tetrachloroethene	250	UD
108-90-7	Chlorobenzene	250	UD
106-46-7	1,4-Dichlorobenzene	250	UD

400038

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

WST04

Lab Name: AENI MD Contract: 9404-017

Project No.: AENI Site: OHM Location: CHASE Group: N.A.

Matrix: (soil/water) SOLID Lab Sample ID: #004

Sample wt/vol: 575.0 (g/mL ML Lab File ID: BD008.D

Level: (low/med) Date Received: 4/2/94

% Moisture: 100 decanted: (Y/N): N Date Extracted: 4/7/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.6

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L of Leach	Q
110-86-1	Pyridine	17	U
106-46-7	1,4-Dichlorobenzene	17	U
95-48-7	2-Methylphenol	17	U
67-72-1	Hexachloroethane	17	U
106-44-5	4-Methylphenol	17	U
98-95-3	Nitrobenzene	25	
87-68-3	Hexachlorobutadiene	17	U
88-06-2	2,4,6-Trichlorophenol	17	U
95-95-4	2,4,5-Trichlorophenol	87	U
121-14-2	2,4-Dinitrotoluene	17	U
118-74-1	Hexachlorobenzene	17	U
87-86-5	Pentachlorophenol	87	U

AMERICAN ENVIRONMENTAL
NETWORK

INORGANIC ANALYSIS DATA SHEET

1
SAMPLE NO.

WST04

Lab Name: AMERICAN ENVIRON NETWORK
Contract: OHM-CHASE
SDG No.: OHM002

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids: 0.0

Lab Sample ID: W41704

Date Received: 04/02/94

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	100	U		P
7440-39-3	Barium	372			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	40.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	383			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	145			P
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.20	U		AV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium	100	U		P
7440-22-4	Silver	500	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

olor Before: WATER

Clarity Before: WATER

Texture:

olor After: WATER

Clarity After: WATER

Artifacts:

omments:

FORM I - IN

AMERICAN ENVIRONMENTAL NETWORK, INC.

Organic Analysis Data Sheet

TCLP PESTICIDES

Case No.:——— 9404017

Project Name:——— CHASE INTERIORS

Client Name:——— OHM CORPORATION

Sample Number
WST04

AENI # 9404017-004

Concentration:——— Low

Date Sampled:——— 4/1/94

Date Received:——— 4/2/94

Date Ext Prepared:——— 4/6/94

Date Analyzed:——— 4/8/94

Conc/Dil Factor:——— 1

GPC Cleanup	Yes	X No
Seperatory Funnel Extraction		X Yes
Continuous Liquid - Liquid Extration		Yes
Percent Moisture	N/A	

CAS Number	Compound	Concentration ug/L	Detection Limit	Qualifier
58-89-9	gamma-BHC (Lindane)		0.054	U
75-44-8	Heptachlor		0.054	U
1024-57-3	Heptachlor epoxide		0.054	U
72-20-8	Endrin		0.11	U
72-43-5	Methoxychlor		0.54	U
5103-71-9	alpha-Chlordane		0.054	U
5103-74-2	gamma-Chlordane		0.054	U
8001-35-2	Toxaphene		5.4	U

Vi - Volume of extract injected (ul) - _____ 1

Vs - Volume of Water extracted (ml) - _____ 920

Ws - Weight of sample extracted (g) - _____ N/A

Vt - Volume of total extract (ul) - _____ 10,000

FORM I

AMERICAN ENVIRONMENTAL NETWORK INC.
ORGANIC ANALYSIS DATA SHEET
HERBICIDES

Case No.:_____ 9404017
Client Name:_____ OHM CORPORATION

Sample Number
WST04

AENI # 9404017-004

Concentration: _____ Low
Date Sampled:_____ 4/1/94
Date Extract Prepared:_ 4/7/94
Date Analyzed:_____ 4/11/94
Conc/Dil Factor:_____ 10
Matrix_____ LEACH

GPC Cleanup _____ No
Separatory Funnel Ext.: ____ Yes
Continuous Liq-Liq Ext.: ___ No
Percent Moisture (decanted)_ N/A

Compound	Concentration ug/L	Reporting Limit	Qualifier
SILVEX		500	U
2,4 D		500	U

Vi - Volume of extract injected (ul)___ 2
Vs - Volume of water extracted (ml)__ 500
Ws - Mass of soil extracted (g)_____ N/A
Vt- Volume of total extract (ul)_____ 5000

FORM I

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
(908) 355-5800

MATERIAL PROFILE SHEETS
PRODUCT CODE
PROCESS CODE

A. GENERATOR INFORMATION

13056

GENERATOR US EPA I.D. NY0083533125

GENERATOR STATE I.D. NY0083533125

GENERATOR NAME U.S. EPA Region II

MAILING ADDRESS 2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

BILLING ADDRESS IF DIFFERENT
OHM Corporation
200 Horizon Center Blvd, Trenton NJ 08691

CONTACT Tom Joyner 609-588-6355

TECHNICAL CONTACT Michael Schubert TITLE TCA Coordinator PHONE 315-457-0186

SITE ADDRESS Chase Enterprises Site, 205-247 West Lister Avenue, Falconer, NY 14733

NAME OF WASTE soil and debris contaminated with heavy metals and F-listed solvents

PROCESS GENERATING WASTE abandoned drums at CERCLA cleanup site analyzed for contamination

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: varies

☐ WASTEWATER
☒ NONWASTEWATER

STRONG INCIDENTAL ODOR PRESENT? ☐ YES ☒ NO

DESCRIBE

PHYSICAL STATE @ 70°F: ☒ SOLID ☐ LIQUID ☐ POWDER ☐ SEMI-SOLID

☒ SINGLE PHASE ☐ BI-LAYERED ☐ MULTI-LAYERED ☐ SLUDGE

DUMPABLE? ☒ YES ☐ NO

Pumpable? ☐ YES ☒ NO

Pourable? ☒ YES ☐ NO

CORROSIVITY (pH): ☐ ≤2.0 ☐ 2.01-5 ☒ 5.01-9 ☐ 9.01-12.49 ☐ ≥12.50 ☐ EXACT pH

SPECIFIC GRAVITY: ☐ <.8 ☐ .8-1.0 ☒ 1.0-1.2 ☐ EXACT ☐ 1.2-1.4 ☐ 1.4-1.7 ☐ >1.7

FLASH POINT: ☐ <70°F ☐ 70°F - 100°F ☐ 101°F - 139°F ☐ 140°F - 200°F ☐ >200°F ☒ NO FLASH ☐ EXACT

IGNITABLE (if solid) ☐ YES ☒ NO ☐ CLOSED CUP ☐ OPEN CUP

LIQUID/SOLID
% Total Solids 100
% Suspended Solids —
% Dissolved Solids —
% Free Liquids —

C. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THIS WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ SUBJECT TO NESHAP SUBPART FF BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

SPECIAL HANDLING CONSIDERATIONS
* CERCLA waste, only CERCLA approved outlets may be utilized.

D. CHEMICAL COMPOSITION

1.	RANGE MIN.-MAX.	
soil	80 - 95	%
debris	15 - 20	%
toluene	0 - 1	%
benzene	5.5 ppm	%
chromium	31.4 ppm	%
barium	248 ppm	%
lead	57 ppm	%
	-	%
	-	%
TOTAL (MUST BE ≥ 100%)	100	%

ALL CHEMICALS LISTED ON MSDS MUST BE INCLUDED IN THIS SECTION.

ALSO LIST ALL SUBSTANCES REGULATED UNDER OSHA 1910.1000, SUBPART Z.

2. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING:

	NONE	or LESS THAN	or ACTUAL
PCB's	☒	☐ <50 ppm	ppm
Cyanides	☒	☐ <250 ppm	ppm
Phenolics	☒	☐ <50 ppm	ppm
Sulfides	☒	☐ <500 ppm	ppm

☐ MSDS ATTACHED
☒ SUPPLEMENTAL ANALYSIS ATTACHED

DESCRIBE: TCLP-metal, volatiles, semivolatiles, herbicides, pesticides, volatiles, semivolatiles

NO. OF PAGES ATTACHED: 8

E. METALS/ORGANICS (mg/kg or ppm)

☐ EP TOX ☐ TCLP ☐ TOTAL

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL	METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Arsenic	D004	☒ <5.0		Hexachlorobenzene	D032	☒ <0.13	
Barium	D005	☐ <100	248	Hexachloro-1,3-butadiene	D033	☒ <0.5	
Benzene	D018	☐ <0.5	5.5	Hexachloroethane	D034	☒ <3.0	
Cadmium	D006	☒ <1.0		Lead	D008	☐ <5.0	57
Carbon tetrachloride	D019	☒ <0.5		Lindane	D013	☒ <0.4	
Chlordane	D020	☒ <0.03		Mercury	D009	☒ <0.2	
Chlorobenzene	D021	☒ <100.0		Methoxychlor	D014	☒ <10.0	
Chloroform	D022	☒ <6.0		Methyl ethyl ketone	D035	☒ <200.0	
Chromium	D007	☐ <5.0	31.4	Nitrobenzene	D036	☒ <2.0	
o-Cresol	D023	☒ <200.0		Pentachlorophenol	D037	☒ <100.0	
m-Cresol	D024	☒ <200.0		Pyridine	D038	☒ <5.0	
p-Cresol	D025	☒ <200.0		Selenium	D010	☒ <1.0	
Cresol	D026	☒ <200.0		Silver	D011	☒ <5.0	
2,4-D	D016	☒ <10.0		Tetrachloroethylene	D039	☒ <0.7	
1,4-Dichlorobenzene	D027	☒ <7.5		Toxaphene	D015	☒ <0.5	
1,2-Dichloroethane	D028	☒ <0.5		Trichloroethylene	D040	☒ <0.5	
1,1-Dichloroethylene	D029	☒ <0.7		2,4,5-Trichlorophenol	D041	☒ <400.0	
2,4-Dinitrotoluene	D030	☒ <0.13		2,4,6-Trichlorophenol	D042	☒ <2.0	
Endrin	D012	☒ <0.02		2,4,5-TP (Silvex)	D017	☒ <1.0	
Heptachlor (and its hydroxide)	D031	☒ <0.008		Vinyl chloride	D043	☒ <0.2	

F. LIQUID WASTE CHARACTERISTICS
Fuels and WWT Candidates

ORGANIC PHASE ..... % not applicable
+ AQUEOUS PHASE ..... % = 100%

RANGE

HEAT VALUE ..... BTU/lb
TOTAL HALOGENS ..... % ..... mg/l
ASH CONTENT ..... %
% SULFUR ☐ <0.5% ..... %
BS&W ..... %
WATER CONTENT ..... %
VISCOSITY (cps) ..... @ ..... °F
TOC ..... mg/l
COD ..... mg/l
BOD ..... mg/l
OIL & GREASE ..... mg/l
TOX ..... mg/l
HOC ..... mg/l

G. SHIPPING/MANIFEST INFORMATION

SHIPMENT METHOD

☐ BULK LIQUID ☐ OTHER (SPECIFY) .....
☐ BULK SOLID .....
☐ DT ☐ RO .....
☒ DRUM (SIZE) 55 gal overpacked in 65 gal drum

ANTICIPATED VOLUME ☐ GALS. ☒ DRUMS
7 ☐ TONS ☐ CUBIC YDS.
(QUANTITY) PER ☒ ONE TIME ☐ QUARTER ☐ YEAR

TRANSPORTER: Clean Ventures/Active Waste
TRANSPORTER PHONE/CONTACT: .....
TRANSPORTER USEPA I.D. .....

REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO
USEPA HAZARDOUS CODE(S) D005, D007, D008, F005, D018
APPLICABLE SUBCATEGORIES barium, chromium, lead, spent solvents
STATE HAZARDOUS WASTE? ☒ YES ☐ NO
STATE CODE(S) D005, D007, D008, F005, D018
D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO
PROPER SHIPPING NAME
RQ, Hazardous Waste, Solid, n.o.s. (benzene, toluene)
CLASS 9 I.D. NO. NA3077 P.G. III R.Q. 100

H. WASTE CERTIFICATION

1. Does this waste material contain polychlorinated biphenyls? YES ..... NO X
2. Does this waste material contain herbicides or pesticides as described in the 40 CFR Part 261.24 Table #1, Waste Nos. D012-D017? YES ..... NO X
3. Does this waste material contain or ever contain the listed "spent" solvents which would classify the waste as any or all EPA Waste Nos. F001, F002, F003, F004, F005 as per 40 CFR Part 261.31? YES X NO .....
4. Does this waste material contain leachable levels of any of the metals covered by EPA Waste Nos. D004 thru D011 as per 40 CFR Part 261.24? YES X NO .....
5. Does this waste contain any dioxins as specified by 40 CFR Part 261.31 Waste Nos. F020, F021, F022, F023, F026, F027, F028? YES ..... NO X
6. Is this waste material a "California List" waste, as per 40 CFR Part 268.32? YES ..... NO X — PCB ≥ 50, HOC ≥ 1000, Ni ≥ 134, Th ≥ 130
7. Does this waste material contain D018-D043 as per 40 CFR Part 261.24? YES X NO .....
8. Does this waste material contain "U", "K" or "P" wastes as defined per 40 CFR Part 261.32 and 261.33? YES ..... NO X
9. Is this waste considered non-hazardous by USEPA standard? YES ..... NO X
10. Does this waste contain any constituents listed under EPA waste # F039 at or above the treatment standards? YES X NO ..... (If yes, list constituents in section D)

AFTER COMPLETION OF QUESTIONS 1 THROUGH 10 PLEASE INITIAL .....

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

If CYCLE CHEM discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS, then CYCLE CHEM shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CYCLE CHEM for all handling, packaging, clean up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CYCLE CHEM during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator.

I hereby authorize CYCLE CHEM to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue my approval.

Bonita C. Green — Authorized Signature
EPA-OSC — Title
Bonita C. Green — Name (Print or Type)
5/9/94 — Date

13056
TOTAL P.03

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
WST05

Lab Name: AENI MD ontract: 04-017

Project No.: OHM45 Site: CHASE INLocation: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-005

Sample wt/vol: 2.0 (g/mL) G Lab File ID: ED43.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	2500	U
74-83-9	Bromomethane	2500	U
75-01-4	Vinyl Chloride	2500	U
75-00-3	Chloroethane	2500	U
75-09-2	Methylene Chloride	1800	B
67-64-1	Acetone	25000	U
75-15-0	Carbon Disulfide	25000	U
75-35-4	1,1-Dichloroethene	1300	U
75-34-4	1,1-Dichloroethane	1300	U
540-59-0	1,2-Dichloroethene (total)	1300	U
67-66-3	Chloroform	1300	U
107-06-2	1,2-Dichloroethane	1300	U
78-93-3	2-Butanone	25000	U
71-55-6	1,1,1-Trichloroethane	1300	U
56-23-5	Carbon Tetrachloride	1300	U
108-05-4	Vinyl Acetate	13000	U
75-27-4	Bromodichloromethane	1300	U
78-87-5	1,2-Dichloropropane	1300	U
10061-01-5	cis-1,3-Dichloropropene	1300	U
79-01-6	Trichloroethene	1300	U
71-43-2	Benzene	1300	U
124-48-1	Dibromochloromethane	1300	U
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
75-25-2	Bromoform	1300	U
108-10-1	4-Methyl-2-Pentanone	13000	U
591-78-6	2-Hexanone	13000	U
127-18-4	Tetrachloroethene	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	1300	U
108-88-3	Toluene	1500	
108-90-7	Chlorobenzene	1300	U
100-41-4	Ethylbenzene	1300	U
100-42-5	Styrene	1300	U

FORM I VOA

SW846

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
WST05

Lab Name: AENI MD ontract: 04-017

Project No.: OHM45 Site: CHASE INLocation: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-005

Sample wt/vol: 2.0 (g/mL) G Lab File ID: ED43.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
133-02-7	Xylene (total)	1300	U

FORM I VOA

SW846

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
WST05

Lab Name: AENI MD Contract: 04-017

Project No. OHM Site: CHASE I Location: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-005

Sample wt/vol: 2.0 (g/mL) G Lab File ID: ED43.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0.1 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 10 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown	1.11	7400	J
2.	Unknown	1.17	4600	J
3.	Unknown	1.35	3300	J
4.	Unknown	1.44	5500	J
5. 67-63-0	Isopropyl Alcohol	9.18	9000	J
6. 79-20-9	Acetic acid, methyl ester	9.80	4400	J
7. 110-82-7	Cyclohexane	14.85	9000	J
8. 110-54-3	Hexane	19.46	4900	J
9. 638-11-9	Butanoic acid, 1-methylethyl	26.26	4500	J
10. 97-85-8	Propanoic acid, 2-methyl-, 2	31.12	5300	J
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
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27.				
28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
WST05

Lab Name: AENI MD Contract: 04-017

Project No.: OHM45 Site: CHASE IN Location: FAULKNER, NY Group: _____

Matrix: (soil/water) SOLID Lab Sample ID: #017-005

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: ED44.D

Level: (low/med) _____ Date Received: 4/2/94

% Moisture: not dec. 100 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L of Leach	Q
75-01-4	Vinyl Chloride	100	UD
75-35-4	1,1-Dichloroethene	50	UD
67-66-3	Chloroform	50	UD
107-06-2	1,2-Dichloroethane	50	UD
78-93-3	2-Butanone	1000	UD
56-23-5	Carbon Tetrachloride	50	UD
79-01-6	Trichloroethene	50	UD
71-43-2	Benzene	110	D
127-18-4	Tetrachloroethene	50	UD
108-90-7	Chlorobenzene	50	UD
106-46-7	1,4-Dichlorobenzene	50	UD

400042

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

WST05

Lab Name: AENI MD Contract: 9404-017

Project No.: AENI Site: OHM Location: CHASE Group: N.A.

Matrix: (soil/water) SOLID Lab Sample ID: #005

Sample wt/vol: 250.0 (g/mL ML Lab File ID: BD009.D

Level: (low/med) Date Received: 4/2/94

% Moisture: 100 decanted: (Y/N): N Date Extracted: 4/7/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.6

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L of Leach	Q
110-86-1	Pyridine	40	U
106-46-7	1,4-Dichlorobenzene	40	U
95-48-7	2-Methylphenol	40	U
67-72-1	Hexachloroethane	40	U
106-44-5	4-Methylphenol	40	U
98-95-3	Nitrobenzene	40	U
87-68-3	Hexachlorobutadiene	40	U
88-06-2	2,4,6-Trichlorophenol	40	U
95-95-4	2,4,5-Trichlorophenol	200	U
121-14-2	2,4-Dinitrotoluene	40	U
118-74-1	Hexachlorobenzene	40	U
87-86-5	Pentachlorophenol	200	U

AMERICAN ENVIRONMENTAL
NETWORK

1
INORGANIC ANALYSIS DATA SHEET SAMPLE NO.

WST05

Lab Name: AMERICAN ENVIRON NETWORK
Contract: OHM-CHASE
SDG No.: OHM002

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids: 0.0

Lab Sample ID: S41705

Date Received: 04/02/94

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	248			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	31.4			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	57.0			P
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	50.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: SOIL

Clarity Before: SOIL

Texture:

Color After: SOIL

Clarity After: SOIL

Artifacts:

Comments:

FORM I - IN

AMERICAN ENVIRONMENTAL NETWORK, INC.

Organic Analysis Data Sheet

TCLP PESTICIDES

Case No.:——— 9404017

Project Name:——— CHASE INTERIORS

Client Name:——— OHM CORPORATION

Sample Number
WST05

AENI # 9404017-005

Concentration:——— Low

Date Sampled:——— 4/1/94

Date Received:——— 4/2/94

Date Ext Prepared:—— 4/6/94

Date Analyzed:——— 4/8/94

Conc/Dil Factor:——— 1

GPC Cleanup		Yes	X	No
Seperatory Funnel Extraction			X	Yes
Continuous Liquid - Liquid Extration				Yes

Percent Moisture N/A

CAS Number	Compound	Concentration ug/L	Detection Limit	Qualifier
58-89-9	gamma-BHC (Lindane)		0.056	U
75-44-8	Heptachlor		0.056	U
1024-57-3	Heptachlor epoxide		0.056	U
72-20-8	Endrin		0.11	U
72-43-5	Methoxychlor		0.56	U
5103-71-9	alpha-Chlordane		0.056	U
5103-74-2	gamma-Chlordane		0.056	U
8001-35-2	Toxaphene		5.6	U

Vi - Volume of extract injected (ul) - _____ 1

Vs - Volume of Water extracted (ml) - _____ 900

Ws - Weight of sample extracted (g) - _____ N/A

Vt - Volume of total extract (ul) - _____ 10,000

FORM I

AMERICAN ENVIRONMENTAL NETWORK INC.
ORGANIC ANALYSIS DATA SHEET
HERBICIDES

Sample Number
WST05

Case No.:_____ 9404017
Client Name:_____ OHM CORPORATION

AENI # 9404017-005

Concentration: _____ Low
Date Sampled:_____ 4/1/94
Date Extract Prepared:_ 4/7/94
Date Analyzed:_____ 4/11/94
Conc/Dil Factor:_____ 10
Matrix_____ LEACH

GPC Cleanup _____ No
Separatory Funnel Ext.: ____ Yes
Continuous Liq-Liq Ext.: ____ No
Percent Moisture (decanted)_ N/A

Compound	Concentration ug/L	Reporting Limit	Qualifier
SILVEX		833	U
2,4 D		833	U

Vi - Volume of extract injected (ul)___ 2
Vs - Volume of water extracted (ml)__ 300
Ws - Mass of soil extracted (g)_____ N/A
Vt- Volume of total extract (ul)_____ 5000

FORM I

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
(908) 355-5800

MATERIAL PROFILE SHEETS
PRODUCT CODE _____
PROCESS CODE _____

A. GENERATOR INFORMATION

13056

GENERATOR US EPA I.D. NY D 0 8 3 5 3 3 1 2 5
GENERATOR STATE I.D. NY 0 0 8 3 5 3 3 1 2 5

GENERATOR NAME: U.S. EPA Region II
MAILING ADDRESS: 2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

BILLING ADDRESS IF DIFFERENT: OHM Corporation
200 Horizon Center Blvd, Trenton, NJ 08691
CONTACT: Tim Joyner 609-588-6355

TECHNICAL CONTACT: Michael Schubert TITLE: T&D Coordinator PHONE: 315-451-0186
SITE ADDRESS: Chase Enterprises Site; 205-247 West Lister Avenue, Falconer, NY 14733
NAME OF WASTE: oil contaminated with F-listed solvents
PROCESS GENERATING WASTE: abandoned drum of oil weighted for disposal at a CERCLA dump site

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: brown/black
- ☐ WASTEWATER
- ☒ NONWASTEWATER

STRONG INCIDENTAL ODOR PRESENT? ☒ YES ☐ NO
DESCRIBE: oil

PHYSICAL STATE @ 70°F
- ☐ SOLID
- ☒ LIQUID
- ☐ POWDER
- ☐ SEMI-SOLID
- ☒ SINGLE PHASE
- ☐ BI-LAYERED
- ☐ MULTI-LAYERED
- ☐ SLUDGE

PUMPABLE? ☒ YES ☐ NO
Pumpable? ☒ YES ☐ NO
Pourable? ☒ YES ☐ NO

CORROSIVITY (pH)
- ☐ ≤2.0
- ☐ 2.01-5
- ☒ 5.01-9
- ☐ 9.01-12.49
- ☐ ≥12.50
- ☐ EXACT pH _____

SPECIFIC GRAVITY
- ☐ <.8
- ☒ .8-1.0
- ☐ 1.0-1.2
- ☐ EXACT _____
- ☐ 1.2-1.4
- ☐ 1.4-1.7
- ☐ >1.7

FLASH POINT
- ☐ <70°F
- ☐ 70°F - 100°F
- ☐ 101°F - 139°F
- ☒ 140°F - 200°F
- ☐ >200°F
- ☐ NO FLASH
- ☐ EXACT _____

IGNITABLE (if solid) ☐ YES ☒ NO
☐ CLOSED CUP ☐ OPEN CUP

LIQUID/SOLID
- % Total Solids: 0-2
- % Suspended Solids: 0-2
- % Dissolved Solids: 0-2
- % Free Liquids: 98-100

C. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THIS WASTE IS:
- ☐ RCRA REACTIVE
- ☐ WATER REACTIVE
- ☐ RADIOACTIVE
- ☐ OXIDIZING MATERIAL
- ☐ PYROPHORIC
- ☐ SUBJECT TO NESHAP SUBPART FF BENZENE REGULATIONS
- ☐ ETIOLOGICAL
- ☐ PESTICIDE MANUFACTURING WASTE
- ☐ EXPLOSIVE/SHOCK SENSITIVE
- ☒ NONE OF THE ABOVE

SPECIAL HANDLING CONSIDERATIONS
* CERCLA waste, only CERCLA approved outlets may be utilized.

D. CHEMICAL COMPOSITION

1.	RANGE MIN.-MAX.	
oil	97 - 100	%
benzene	0 - 1	%
4-methyl-2-pentanone	0 - 1	%
2-hexanone	0 - 1	%
toluene	0 - 1	%
ethylbenzene	0 - 1	%
styrene	0 - 1	%
xylene	0 - 1	%
	-	%
TOTAL (MUST BE ≥ 100%)	100	%

ALL CHEMICALS LISTED ON MSDS MUST BE INCLUDED IN THIS SECTION.

ALSO LIST ALL SUBSTANCES REGULATED UNDER OSHA 1910.1000, SUBPART Z.

2. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING:

	NONE	or LESS THAN	or ACTUAL
PCB's	☒	☐ <50 ppm	_____ ppm
Cyanides	☒	☐ <250 ppm	_____ ppm
Phenolics	☒	☐ <50 ppm	_____ ppm
Sulfides	☒	☐ <500 ppm	_____ ppm

☐ MSDS ATTACHED
☒ SUPPLEMENTAL ANALYSIS ATTACHED

DESCRIBE:
Volatiles
Tox
Total Sulfur
PCB

NO. OF PAGES ATTACHED: 5

E. METALS/ORGANICS (mg/kg or ppm)

☐ EP TOX ☐ TCLP ☐ TOTAL

METAL	EP TOX EPA CODE	LESS THAN	ACTUAL	METAL	EP TOX EPA CODE	LESS THAN	ACTUAL
Arsenic	D004	☒ <5.0		Hexachlorobenzene	D032	☒ <0.13	
Barium	D005	☒ <100		Hexachloro-1,3-butadiene	D033	☒ <0.5	
Benzene	D018	☐ <0.5	5.05	Hexachloroethane	D034	☒ <3.0	
Cadmium	D006	☒ <1.0		Lead	D008	☒ <5.0	
Carbon tetrachloride	D019	☒ <0.5		Lindane	D013	☒ <0.4	
Chlordane	D020	☒ <0.03		Mercury	D009	☒ <0.2	
Chlorobenzene	D021	☒ <100.0		Methoxychlor	D014	☒ <10.0	
Chloroform	D022	☒ <6.0		Methyl ethyl ketone	D035	☒ <200.0	
Chromium	D007	☒ <5.0		Nitrobenzene	D036	☒ <2.0	
o-Cresol	D023	☒ <200.0		Pentachlorophenol	D037	☒ <100.0	
m-Cresol	D024	☒ <200.0		Pyridine	D038	☒ <5.0	
p-Cresol	D025	☒ <200.0		Selenium	D010	☒ <1.0	
Cresol	D026	☒ <200.0		Silver	D011	☒ <5.0	
2,4-D	D016	☒ <10.0		Tetrachloroethylene	D039	☒ <0.7	
1,4-Dichlorobenzene	D027	☒ <7.5		Toxaphene	D015	☒ <0.5	
1,2-Dichloroethane	D028	☒ <0.5		Trichloroethylene	D040	☒ <0.5	
1,1-Dichloroethylene	D029	☒ <0.7		2,4,5-Trichlorophenol	D041	☒ <400.0	
2,4-Dinitrotoluene	D030	☒ <0.13		2,4,6-Trichlorophenol	D042	☒ <2.0	
Endrin	D012	☒ <0.02		2,4,5-TP (Silvex)	D017	☒ <1.0	
Heptachlor (and its hydroxide)	D031	☒ <0.008		Vinyl chloride	D043	☒ <0.2	

F. LIQUID WASTE CHARACTERISTICS
Fuels and WWT Candidates

ORGANIC PHASE 98-100 %
+ AQUEOUS PHASE 0-2 % = 100%

RANGE

HEAT VALUE _____ BTU/lb
TOTAL HALOGENS _____ % _____ mg/l
ASH CONTENT _____ %
% SULFUR ☒ <0.5% _____ %
BS&W _____ %
WATER CONTENT _____ %
VISCOSITY (cps) _____ @ _____ °F
TOC _____ mg/l
COD _____ mg/l
BOD _____ mg/l
OIL & GREASE _____ mg/l
TOX 53 mg/l
HOC _____ mg/l

G. SHIPPING/MANIFEST INFORMATION

SHIPMENT METHOD

☐ BULK LIQUID ☐ OTHER (SPECIFY) _____
☐ BULK SOLID _____
☐ DT ☐ RO _____
☒ DRUM (SIZE) 55 gal. over packed in 65 gal drum

ANTICIPATED VOLUME ☐ GALS. ☒ DRUMS
5 ☐ TONS ☐ CUBIC YDS.
(QUANTITY) PER ☒ ONE TIME ☐ QUARTER ☐ YEAR

TRANSPORTER: Clean Ventures/Active Waste
TRANSPORTER PHONE/CONTACT: _____
TRANSPORTER USEPA I.D. _____

REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO
USEPA HAZARDOUS CODE(S) F003, F005, D018
APPLICABLE SUBCATEGORIES benzene, spent solvents
STATE HAZARDOUS WASTE? ☒ YES ☐ NO
STATE CODE(S) F003, F005, D018
D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO
PROPER SHIPPING NAME
RQ, Waste Combustible Liquid, n.o.s. (benzene, toluene)
CLASS combustible liquid I.D. NO. NA1993 P.G. III R.Q. 100

H. WASTE CERTIFICATION

1. Does this waste material contain polychlorinated biphenyls? YES ____ NO X
2. Does this waste material contain herbicides or pesticides as described in the 40 CFR Part 261.24 Table #1, Waste Nos. D012-D017? YES ____ NO X
3. Does this waste material contain or ever contain the listed "spent" solvents which would classify the waste as any or all EPA Waste Nos. F001, F002, F003, F004, F005 as per 40 CFR Part 261.31? YES X NO ____
4. Does this waste material contain leachable levels of any of the metals covered by EPA Waste Nos. D004 thru D011 as per 40 CFR Part 261.24? YES ____ NO X
5. Does this waste contain any dioxins as specified by 40 CFR Part 261.31 Waste Nos. F020, F021, F022, F023, F026, F027, F028? YES ____ NO X
6. Is this waste material a "California List" waste, as per 40 CFR Part 268.32? YES ____ NO X
7. Does this waste material contain D018-D043 as per 40 CFR Part 261.24? YES X NO ____
8. Does this waste material contain "U", "K" or "P" wastes as defined per 40 CFR Part 261.32 and 261.33? YES ____ NO X
9. Is this waste considered non-hazardous by USEPA standard? YES ____ NO X
10. Does this waste contain any constituents listed under EPA waste # F039 at or above the treatment standards? YES X NO ____ (If yes, list constituents in section D)

PCB ≥ 50 Ni ≥ 134
HOC ≥ 1000 Th ≥ 130

AFTER COMPLETION OF QUESTIONS 1 THROUGH 10 PLEASE INITIAL _____

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

If CYCLE CHEM discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS, then CYCLE CHEM shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CYCLE CHEM for all handling, packaging, clean up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CYCLE CHEM during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator.

I hereby authorize CYCLE CHEM to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue my approval.

Bonita L. Green — Authorized Signature
EPA-OSC — Title
Bonita L. Green — Name (Print or Type)
5/9/94 — Date

13056
TOTAL P.03

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

WST06

Lab Name: AENI MD ontract: 04-017

Project No.: OHM45 Site: CHASE INLocation: FAULKNER NY Group: #15521

Matrix: (soil/water) OIL Lab Sample ID: #017-006

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED45.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 10 (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	50000	U
74-83-9	Bromomethane	50000	U
75-01-4	Vinyl Chloride	50000	U
75-00-3	Chloroethane	50000	U
75-09-2	Methylene Chloride	72000	B
67-64-1	Acetone	500000	U
75-15-0	Carbon Disulfide	500000	U
75-35-4	1,1-Dichloroethene	25000	U
75-34-4	1,1-Dichloroethane	25000	U
540-59-0	1,2-Dichloroethene (total)	25000	U
67-66-3	Chloroform	25000	U
107-06-2	1,2-Dichloroethane	25000	U
78-93-3	2-Butanone	500000	U
71-55-6	1,1,1-Trichloroethane	25000	U
56-23-5	Carbon Tetrachloride	25000	U
108-05-4	Vinyl Acetate	250000	U
75-27-4	Bromodichloromethane	25000	U
78-87-5	1,2-Dichloropropane	25000	U
10061-01-5	cis-1,3-Dichloropropene	25000	U
79-01-6	Trichloroethene	25000	U
71-43-2	Benzene	10000	J
124-48-1	Dibromochloromethane	25000	U
10061-02-6	trans-1,3-Dichloropropene	25000	U
79-00-5	1,1,2-Trichloroethane	25000	U
75-25-2	Bromoform	25000	U
108-10-1	4-Methyl-2-Pentanone	14000	J
591-78-6	2-Hexanone	49000	J
127-18-4	Tetrachloroethene	25000	U
79-34-5	1,1,2,2-Tetrachloroethane	25000	U
108-88-3	Toluene	210000	
108-90-7	Chlorobenzene	25000	U
100-41-4	Ethylbenzene	81000	
100-42-5	Styrene	6200	J

FORM I VOA

SW846

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
WST06

Lab Name: AENI MD ontract: 04-017

Project No.: OHM45 Site: CHASE INLocation: FAULKNER NY Group: #15521

Matrix: (soil/water) OIL Lab Sample ID: #017-006

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED45.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 10 (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
133-02-7	Xylene (total)	220000	

400041

FORM I VOA

SW846

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

WST06

Lab Name: AENI MD Contract: 04-017

Project No. OHM Site: CHASE I Location: FAULKNER NY Group: #15521

Matrix: (soil/water) SOIL Lab Sample ID: #017-006

Sample wt/vol: 1.0 (g/mL) G Lab File ID: ED45.D

Level: (low/med) MED Date Received: 4/2/94

% Moisture: not dec. 0.1 Date Analyzed: 4/7/94

GC Column: PACK ID: 5.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 10 (uL)

Number TICs found: 10 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown	1.24	200000	J
2.	Unknown	1.52	79000	J
3.	Unknown	1.79	63000	J
4.	Unknown	1.92	73000	J
5.	Unknown	4.47	59000	J
6. 67-63-0	Isopropyl Alcohol	9.18	190000	J
7. 110-54-3	Hexane	19.46	84000	J
8. 3913-02-8	1-Octanol, 2-butyl-	23.71	62000	J
9. 620-14-4	Benzene, 1-ethyl-3-methyl-	36.93	200000	J
10. 611-14-3	Benzene, 1-ethyl-2-methyl-	38.25	120000	J
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
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25.				
26.				
27.				
28.				
29.				
30.				

AMERICAN ENVIRONMENTAL NETWORK, INC.

9151 Rumsey Road Suite 150, Columbia, MD 21045-1992
(410) 730-8525 Fax (410) 997-2586

CLIENT: OHM Corporation
PROJECT: Chase Interiors
AENI PROJECT NUMBER: 9404017

CLIENT ID: WST06
AENI ID: 9404017-006
MATRIX: Oil

DATE SAMPLED: 04/01/94
DATE RECEIVED: 04/02/94
DATE REPORTED: 04/08/94

ANALYSIS	RESULT		DETECTION LIMIT		METHOD
Total Organic Halogen	53	mg/kg	1	mg/kg	EPA 9020
Total Sulfur	0.40	%	0.001	%	ASTM D4299

AMERICAN ENVIRONMENTAL NETWORK, INC.
ORGANIC ANALYSIS DATA SHEET
PCBs BY 8080

Contract Number: 9404017
Client Name: OHM CORPORATION
Project: CHASE INTERIORS

CLIENT NUMBER: WST06

AENI #: 9404017-006

Concentration: Low
Date Sampled : 04/01/94
Date Received : 04/02/94
Date Extract Prepared : 04/06/94
Date Analyzed: 04/07/94
Conc/Dil Factor: 1

GPC Cleanup: Yes[ ] No[X]
Dilute & Shoot: [X]
Soxhlett Ext: [ ]
Matrix OIL
Percent Moisture: 0

	ug/Kg		
COMPOUND	CONCENTRATION	DETECTION LIMIT	QUALIFIER
AR1016		510	U
AR1221		510	U
AR1232		510	U
AR1242		510	U
AR1248		510	U
AR1254		1000	U
AR1260		1000	U

U-Indicates that a compound was analyzed for but not detected at or above the detection limit.

Vi - Volume of extract injected (ul) - 1

Vs - Volume of water extracted (ml) - N/A

Ws - Mass of sample extracted (g) - 1.17

Vt - Volume of total extract (ul) - 10000

FORM I