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

50682

GENERATOR US EPA I.D. NYP000793141
GENERATOR STATE I.D. NYP000793141

GENERATOR NAME US EPA Region II
MAILING ADDRESS 2890 Woodbridge Ave (MS-211)
Bldg 209, Edison, NJ 08837
Attn: Greg DeAngelis

BILLING ADDRESS IF DIFFERENT
Consolidated Environmental Options, Inc.
P.O. Box 10408, Burke, VA 22009
CONTACT Dick Schubert 703-239-6588

TECHNICAL CONTACT Chris Brown OHM Greg DeAngelis EPA TITLE TSP Coordinator PHONE 609-585-6354
SITE ADDRESS Industry Court Site, 171 E Industry Court, Deer Park, NY 11729
NAME OF WASTE DA008 oxidizer liquid
PROCESS GENERATING WASTE CERCLA cleanup of abandoned drums

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR/VISUAL DESCRIPTION: Varies

☒ 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 _____

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 - 141°F ☐ EXACT _____
☐ 142°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 approved outlets only
Certificate of Disposal Required

D. CHEMICAL COMPOSITION

1.

	RANGE MIN.-MAX.
water	85 - 99 %
sodium nitrate	1 - 5 %
nickel nitrate	1 - 5 %
calcium nitrate	1 - 5 %
chromium	0 - 1 ppm
cadmium	0 - 0.5 ppm
methylene chloride	0 - 1 ppm
nickle	0 - 15 ppm
zinc	0 - 5 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	1 ppm
Phenolics	☒	☐ <50 ppm	_____ ppm
Sulfides	☒	☐ <500 ppm	_____ ppm

☐ MSDS ATTACHED
☒ SUPPLEMENTAL ANALYSIS ATTACHED
DESCRIBE: Full TCLP, PCB's
Total herbicides, volatiles, semivolatiles, pesticides, metals
RCRA characteristics
physical characteristics

NO. OF PAGES ATTACHED: 8

457166

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	
				Copper	NA	☐ <100.0	
				Zinc	NA	☐ <500.0	

F. LIQUID WASTE CHARACTERISTICS
Fuels and WWT Candidates

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

	RANGE	
HEAT VALUE	<5000	BTU/lb
TOTAL HALOGENS	<1 %	mg/l
ASH CONTENT	<5	%
% SULFUR ☒ <0.5%		%
BS&W		%
WATER CONTENT	85-99	%
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
☐ BULK SOLID
☐ DT ☐ RO
☒ DRUM (SIZE) 55 gal
☐ OTHER (SPECIFY)

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

TRANSPORTER: Clean Ventures

TRANSPORTER PHONE/CONTACT:

TRANSPORTER USEPA I.D.

REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

USEPA HAZARDOUS CODE(S) D001

APPLICABLE SUBCATEGORIES oxidizer - ignitable characteristic waste - low TOC - REACT

STATE HAZARDOUS WASTE? ☐ YES ☒ NO

STATE CODE(S)

D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO

PROPER SHIPPING NAME
RQ, Waste oxidizing substances, liquid, n.o.s. (sodium nitrate nickel nitrate)

CLASS 5.1 I.D. NO. UN3139 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. DO12-DO17? 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. Is this waste characteristic for D001, D002 and D018-D043 and will be managed in non-CWA, non-CWA equivalent and non-Class I SDWA systems (except for the 40 CFR Part 261.21 (a) (1) High TOC subcategory)? Yes X No ____
Does this waste contain any underlying hazardous constituents as defined in 40 CFR Part 268.2 (i)? Yes X No ____
If yes, please list constituents in section D

PCB ≥ 50 Ni ≥ 134
HOC ≥ 1000 Th ≥ 130

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.

Authorized Signature

Title: U.S. EPA OSC

Name (Print or Type): GREGORY B. DEANGELIS

Date: 7/25/96

50682

INTEGRATED ANALYTICAL LABORATORIES, INC.

SUMMARY REPORT

Client: OHM Remediation Services Corp.
Project: INDUSTRY CT SITE - 18623
Lab Case No.: 10960-1450

Lab ID:	1450-06	1450-07	1450-08	1450-09	1450-10
Client ID:	DA-006C	DA-007	DA-008	DA-009	DA-010
Matrix:	Solid	Liquid	Liquid	Solid	Liquid
TCLP Matrix:	Aqueous Leachate	Aqueous Leachate	Aqueous Leachate	Aqueous Leachate	Aqueous Leachate
PARAMETER (Units)					
TCLP Volatiles (ppm)					
Vinyl chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND
TCLP Semivolatiles (ppm)					
Pyridine	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND
3,4-Methylphenol	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND
TCLP Herbicides (ppm)					
2,4-D	ND	ND	ND	ND	ND
Silvex	ND	ND	ND	ND	ND

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the MDL
B = The concentration was detected in the blank and the sample

INTEGRATED ANALYTICAL LABORATORIES, INC.

SUMMARY REPORT

Client: OHM Remediation Services Corp.
Project: INDUSTRY CT SITE - 18623
Lab Case No.: 10960-1450

PARAMETER (Units)	Lab ID:	1450-06	1450-07	1450-08	1450-09	1450-10
	Client ID:	DA-006C	DA-007	DA-008	DA-009	DA-010
	Matrix:	Solid	Liquid	Liquid	Solid	Liquid
	TCLP Matrix:	Aqueous Leachate	Aqueous Leachate	Aqueous Leachate	Aqueous Leachate	Aqueous Leachate
Herbicides, (ppb)						
2,4-D		ND	ND	ND	ND	ND
2,4-DB		ND	ND	ND	ND	ND
2,4,5-T		ND	ND	ND	ND	ND
Silvex		ND	ND	ND	ND	ND
Dicamba		ND	ND	ND	ND	ND
Dichloroprop		ND	ND	ND	ND	ND
Dinoseb		ND	ND	ND	ND	ND
TCLP Pesticides (ppm)						
gamma-BHC		ND	ND	ND	ND	ND
Heptachlor		ND	ND	ND	ND	ND
Endrin		ND	ND	ND	ND	ND
alpha-Chlordane		ND	ND	ND	ND	ND
gamma-Chlordane		ND	ND	ND	ND	ND
Toxaphene		0.908	ND	ND	ND	ND
Methoxychlor		ND	ND	ND	ND	ND
PCB's (ppb)						
Aroclor 1016		ND	ND	ND	ND	ND
Aroclor 1221		ND	ND	ND	ND	ND
Aroclor 1232		ND	ND	ND	ND	ND
Aroclor 1242		ND	ND	ND	ND	ND
Aroclor 1248		ND	ND	ND	ND	ND
Aroclor 1254		ND	ND	ND	ND	ND
Aroclor 1260		ND	ND	ND	ND	ND

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, INC.

SUMMARY REPORT

Client: OHM Remediation Services Corp.
Project: INDUSTRY CT SITE - 18623
Lab Case No.: 10960-1450

PARAMETER (Units)	Lab ID: 1450-06	1450-07	1450-08	1450-09	1450-10
Client ID:	DA-006C	DA-007	DA-008	DA-009	DA-010
Matrix:	Solid	Liquid	Liquid	Solid	Liquid
TCLP Matrix:	Aqueous Leachate	Aqueous Leachate	Aqueous Leachate	Aqueous Leachate	Aqueous Leachate
TCLP Metals (ppm)					
Arsenic	ND	ND	ND	ND	ND
Barium	0.38	10.6	1.59	0.26	0.13
Cadmium	ND	0.14	0.28	ND	ND
Chromium	ND	128	0.13	ND	29.1
Lead	ND	7.21	ND	ND	ND
Mercury	ND	ND	ND	ND	ND
Selenium	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND
General Analytical					
Corrosivity as pH (S.U.)	7.25	12.40	7.97	6.78	2.68
Cyanide, Reactive (ppm)	ND	ND	0.926 J	ND	ND
Cyanide, Total (ppm)	ND	ND	0.952 J	ND	ND
Sulfide, Reactive (ppm)	ND	ND	ND	ND	ND
Phenol (ppm)	-	0.18 J	-	-	-
Flashpoint @ 140°F (°F)	-	> 140°F	> 140°F	-	> 140°F
Ignitability @ 140°F (Yes/No)	Yes	-	-	Yes	-
Total Solids (%)	72	29	25	96	0.2
*Sulfide, Total (ppm)	-	12	-	-	-
% ASH (%)	0.06	-	¤	1.0	0.015
Paint Filter (as % free liquid)	0.0%	-	-	-	-
*BTU (BTU/lb)	14100	-	ND	15400	ND
*Total Sulfur (ppm)	830	-	ND	1000	ND
*Total Halides (ppm)	ND	-	ND	ND	ND
Total Organic Halides (ppm)	ND	-	-	-	-

- = Sample not analyzed for.
ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the MDL
¤ = Sample will not Ash @ 550°C
* Subcontracted results from Raytheon Engineers & Constructors, Inc.

INTEGRATED ANALYTICAL LABORATORIES, INC.

SUMMARY REPORT

Client: OHM Remediation Services Corp.
Project: INDUSTRY CT SITE - 18623
Lab Case No.: 10960-1450

PARAMETER (Units)	Lab ID: 1450-06 Client ID: DA-006C Matrix: Solid		1450-07 DA-007 Liquid		1450-08 DA-008 Liquid		1450-09 DA-009 Solid		1450-10 DA-010 Liquid	
TCL Volatiles (ppb)										
Chloromethane	ND		ND		ND		ND		ND	
Vinyl Chloride	ND		ND		ND		ND		ND	
Bromomethane	ND		ND		ND		ND		ND	
Chloroethane	ND		ND		ND		ND		ND	
1,1-Dichloroethene	ND		ND		ND		ND		ND	
Acetone	ND		ND		ND		ND		ND	
Carbon Disulfide	ND		ND		ND		ND		ND	
Vinyl Acetate	ND		ND		ND		ND		ND	
Methylene Chloride	503000	B	4480	JB	539	B	630	B	522	B
trans-1,2-Dichloroethene	ND		ND		ND		ND		ND	
1,1-Dichloroethane	ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	ND		ND		ND		ND		ND	
2-Butanone(MEK)	ND		ND		ND		ND		ND	
Chloroform	ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	ND		ND		ND		ND		ND	
Carbon Tetrachloride	ND		ND		ND		ND		ND	
1,2-Dichloroethane (EDC)	ND		ND		ND		ND		ND	
Benzene	ND		ND		ND		ND		ND	
Trichloroethene	ND		ND		ND		ND		ND	
1,2-Dichloropropane	ND		ND		ND		ND		ND	
Bromodichloromethane	ND		ND		ND		ND		ND	
cis-1,3-Dichloropropene	ND		ND		ND		ND		ND	
Methyl Isobutyl Ketone(MIBK)	ND		ND		ND		4880		ND	
Toluene	6020000		ND		ND		222	J	ND	
trans-1,3-Dichloropropene	ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	ND		ND		ND		ND		ND	
Tetrachloroethene	ND		ND		ND		ND		ND	
2-Hexanone	ND		ND		ND		ND		ND	
Dibromochloromethane	ND		ND		ND		ND		ND	
Chlorobenzene	ND		ND		ND		ND		ND	
Ethylbenzene	19900000 ~~2E+07~~		ND		ND		ND		ND	
Total Xylenes	872 8.7E+06		2380	J	ND		ND		ND	
Styrene	ND		ND		ND		ND		ND	
Bromoform	ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	ND		ND		ND		ND		ND	

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the MDL
B = The concentration was detected in the blank and the sample
All qualifiers on individual Volatiles are carried down through summation.

INTEGRATED ANALYTICAL LABORATORIES, INC.

SUMMARY REPORT

Client: OHM Remediation Services Corp.
Project: INDUSTRY CT SITE - 18623
Lab Case No.: 10960-1450

PARAMETER (Units)	Lab ID: 1450-06	1450-07	1450-08	1450-09	1450-10
	Client ID: DA-006C	DA-007	DA-008	DA-009	DA-010
	Matrix: Solid	Liquid	Liquid	Solid	Liquid
TCL Semivolatiles (ppb)					
N-Nitrosodimethylamine	ND	ND	ND	ND	ND
Phenol	ND	ND	ND	67700	ND
Aniline	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND
Benzyl alcohol	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND
bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND
4-Methylphenol	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	2310 J	ND
Hexachloroethane	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND
Benzoic acid	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND
Naphthalene	136000	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND
Dimethylphthalate	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the MDL
All qualifiers on individual Semivolatiles are carried down through summation.

INTEGRATED ANALYTICAL LABORATORIES, INC.

SUMMARY REPORT

Client: OHM Remediation Services Corp.
Project: INDUSTRY CT SITE - 18623
Lab Case No.: 10960-1450

PARAMETER (Units)	Lab ID: 1450-06	1450-07	1450-08	1450-09	1450-10
	Client ID: DA-006C	DA-007	DA-008	DA-009	DA-010
	Matrix: Solid	Liquid	Liquid	Solid	Liquid
TCL Semivolatiles (ppb)					
2,4-Dinitrotoluene	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine/Azobenzene	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND
3,3'-Dimethylbenzidine	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND
Benzo[a]anthracene	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	43400	ND	ND	ND	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	ND	ND	ND	ND	ND
Benzo[a]pyrene	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	ND	ND	ND	ND	ND
Dibenz[a,h]anthracene	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	ND	ND	ND	ND	ND

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, INC.

SUMMARY REPORT

Client: OHM Remediation Services Corp.
Project: INDUSTRY CT SITE - 18623
Lab Case No.: 10960-1450

PARAMETER (Units)	Lab ID: 1450-06 Client ID: DA-006C Matrix: Solid	1450-07 DA-007 Liquid	1450-08 DA-008 Liquid	1450-09 DA-009 Solid	1450-10 DA-010 Liquid
TCL Pesticides (ppb)					
alpha-BHC	ND	ND	ND	ND	ND
gamma-BHC	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND
Heptachlor Epoxide	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND
alpha-Chlordane	ND	ND	ND	ND	ND
gamma-Chlordane	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND
Endrin Ketone	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, INC.

SUMMARY REPORT

Client: OHM Remediation Services Corp.
Project: INDUSTRY CT SITE - 18623
Lab Case No.: 10960-1450

PARAMETER (Units)	Lab ID: 1450-06	1450-07	1450-08	1450-09	1450-10
	Client ID: DA-006C	DA-007	DA-008	DA-009	DA-010
	Matrix: Solid	Liquid	Liquid	Solid	Liquid
TAL Metals (ppm) (Including Molybdenum)					
Aluminum	12.3	8.02	1.62	140	2.42
Antimony	ND	ND	ND	ND	ND
Arsenic	ND	ND	ND	ND	ND
Barium	3.30	4.64	ND	1.23	ND
Beryllium	ND	ND	ND	ND	ND
Cadmium	0.21	ND	ND	0.28	0.11
Calcium	64.4	23.6	47.3	36200	32.9
Chromium	3.05	59.9	ND	7.77	71.9
Cobalt	ND	ND	ND	ND	ND
Copper	ND	ND	0.21	0.92	ND
Iron	483	48.9	8.67	288	6.82
Lead	ND	2.69	ND	ND	ND
Magnesium	32.6	6.68	17.1	225	5.40
Manganese	2.83	0.54	0.50	11.3	0.09
Mercury	ND	ND	ND	ND	ND
Nickel	ND	2.55	12.1	ND	ND
Potassium	ND	1080	180	156	12.2
Selenium	ND	ND	ND	2.58	ND
Silver	ND	ND	ND	ND	ND
Sodium	55.1	1720	86400	3000	122
Thallium	ND	ND	ND	ND	ND
Vanadium	ND	ND	ND	0.48	ND
Zinc	40.9	85.1	4.68	332	54.9
*Molybdenum	ND	?	?	?	?

ND = Analyzed for but Not Detected at the MDL
* Subcontracted results from Raytheon Engineers & Constructors, Inc.
? = Results not available.