SDMS Doc ID 2027947

THE REYNOLDS GROUP
A California Corporation

October 30, 2003
(trg 6454)

Mr. Craig Benson
Federal, On-Scene Coordinator
US ENVIRONMENTAL PROTECTION AGENCY
EPA, Region 9
200 Oceangate, Suite 900
Long Beach, CA

SITE: DICO OIL COMPANY SITE, SIGNAL HILL, CALIFORNIA

EPA UAO 9-2003-14

SUBJECT: SUPPLEMENT #3 TO THE WORK PLAN DATED SEPTEMBER 17, 2003 – PHASE I, ITEM 6, SUBITEMS 7, 8, 9a, 9b

Dear Mr. Benson,

Please find attached to this letter the "Work Plan and Site Safety and Health Plan (SSHP) DICO Oil" which states how the work of removing the bulk wastes from the large main tanks at the site will be performed. The attachment describes in further detail the work items listed in the "Work Plan" dated September 17, 2003. Specifically, Mr. Marmol's intention is to access the tanks, remove the remaining bulk wastes, and clean the tanks. The next phase for which a "Supplement #4" will be prepared will be to complete dismantling of all the top side equipment and level the site.

Specifically

Contractors and Subcontractors

The Reynolds Group continues to serve in the capacity of Project Coordinator. Daniel Nuñez is currently serving as Project Scientist on this project and is under the direct supervision of Mr. Ed Reynold's, he will be on site during the next phase of work. His cell phone number is (714) 920-6020. Consolidated Waste is the general contractor that will perform this next phase of work and will directly perform the vacuum truck services and the transportation services. If any additional subcontracting work is necessary, the only potential work would be the degassing of tanks. If degassing is required, then either Nieto and Sons or JEM Industries, Inc. will provide the degassing as subcontractors. Their contact information is as follows:

Tom Nieto
NIETO AND SONS
P.O. Box 760
Yorba Linda, CA 92885
(714) 990-6855 work
(714) 990-4862 fax
tom@nietoandsons.com

Mark Strockis
JEM INDUSTRIES INC.
6978 Trabuco Rd.
Irvine, CA 92618
(949) 551-8114 office
(714) 920-5431 Car
(949) 551-8106 fax
mark@jem-industries.com

Disposal Facilities

1. Section 2.3, paragraph 11a of the attachment calls for the rinstate generated from the washing of the tanks to be disposed at DeMenno Kerdoon in Compton, California EPA I.D. # CAT080013352

2. Section 2.3, paragraph 13b of the attachment call for the wastes to be disposed at Chemical Waste Management's Class 1 landfill in Kettleman City, California EPA I.D. # CAT00064617

Manifest Labeling

1. The wastes from TB, T3 and T5 will be commingled and manifested as:

Waste Flammable liquid, N.O.S. (gasoline), 3, UN1993 PG II
Waste Codes will be D001, D008 & D018. The state code will be 134
Additional description will be: Oil and water with trace gasoline

The shipments of this waste will be accompanied by Land Ban Declarations, which include as constituents of concern, all chemicals which available data shows to be above Universal Waste Treatment standards. These chemicals are benzene (3.5), acetone (31), xylene (106), toluene (46), naphthalene (23), chrysene (9), phenanthrene (16), trimethlybenzene (77), lead (1760), cadmium (21) and chromium (46). The values in parentheses are the highest levels from the laboratory analyses expressed in parts per million.

2. The wastes from T2 will be manifested as:

Hazardous Waste Solid, N.O.S (D008), 9, NA 3077 PGII
Waste Codes will be D008; the State Code will be 352
Additional description will be: Oil and sludge

Note: The lead TCLP on T2 does not give a D008 code. Its use will allow conservative handling of the waste. — but failed TTLC anyway.

The shipments of this waste will be accompanied by Land Ban Declarations, which include as constituents of concern, all chemicals which available data shows to be above Universal Waste Treatment standards. These chemicals are chrysene (9), phenanthrene (16), trimethlybenzene (77), lead (2070), cadmium (8), chromium (498) and zinc (1850). The values in parentheses are the highest levels from the laboratory analyses expressed in parts per million.

Timing

Pending your approval, Consolidated and we will schedule the work as soon as authorized. We expect the work to take between five to eight working days barring contingencies.

Volumes ?

Thank you for your oversight of this case. We look forward to your approval of this Supplement #3.

Sincerely,
THE REYNOLDS GROUP
a California corporation by:

REGISTERED PROFESSIONAL ENGINEER
F. EDWARD REYNOLDS, JR.
38677
March 31, 2005
CIVIL
STATE OF CALIFORNIA

F. Edward Reynolds, Jr.
California Registered Civil Engineer

Daniel G. Nuñez
Project Scientist

Attachment: WORK PLAN/SITE SAFETY AND HEALTH PLAN (SSHP)

cc: Luis Marmol, care of Ilona Martin
Ed McGlothlin, **CONSOLIDATED WASTE INDUSTRIES, INC.**

WORK PLAN
SITE SAFETY AND HEALTH PLAN (SSHP)
DICO OIL

WORK PLAN
SITE SAFETY AND HEALTH PLAN (SSHP)
DICO OIL

PROJECT DATE: OPEN

CLIENT: Luis Marmol

SITE NAME: DICO OIL

SITE ADDRESS: 1845 E Willow, Signal Hill

SSHP APPROVALS

PROJECT MANAGER: Ed McGlothlin (Name) E McGlothlin (Signature) 10-29-03 (Date)

DIRECTOR OF ENVIRONMENTAL HEALTH & SAFETY Jennifer Crompton (Name) Jennifer Crompton (Signature) 10/29/03 (Date)

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SECTION 1.0

GENERAL INFORMATION

1.1 Introduction:

This Site Safety and Health Plan (SSHP) addresses those activities associated with the scope of work stated in the SSHP and will be implemented by the Site Safety Officer (SSO) during site work. Compliance with this SSHP is required of all persons and third parties who enter this site. Assistance in implementing this plan can be obtained from the Site Safety Officer and Project Manager, and/or the Director of Environmental Health and Safety (DEHS). The content of this SSHP may change or undergo revision based upon additional information made available to health and safety (H&S) personnel, monitoring results or changes in the scope of work. Any change proposed must be reviewed by H&S staff and are subject to approval by the DEHS and Project Manager.

This SSHP has been written for the use of Consolidated Waste Industries, Inc. and its employees. It may also be used as a guidance document by properly trained and experienced Consolidated Waste Industries subcontractors. However, Consolidated Waste Industries does not guarantee the health or safety of any person entering this site.

Due to the potentially hazardous nature of this site and the activity occurring thereon, it is not possible to discover, evaluate, and provide protection for all possible hazards which may be encountered. Strict adherence to the health and safety guidelines set forth herein will reduce, but not eliminate, the potential for injury as this site. The health and safety guidelines in this plan were prepared specifically for this site and should not be used on any other site without prior research by trained health and safety specialists.

Consolidated Waste Industries claims no responsibility for use of this plan by unauthorized person. This plan is written for the specific site conditions, purpose, dates, and personnel specified and must be amended if these conditions change.

1.2 Site Personnel:

Personnel authorized to enter the subject site while operations are being conducted must be approved by the Project Manager. Authorization requires confirmation of conformance with OSHA 29 CFR 1910.120 training and medical examination requirements and/or other applicable regulations and review/sign-off of this SSHP.

(See Attachment 1 for Personnel Responsibilities and Qualifications)

SITE SAFETY OFFICER: E M Clothlin Phone: 904 724 3094

SUBCONTRACTORS (S): N/A Phone: _____

1a) Pump contents of Tanks TB, T3, and T5 through existing openings utilizing a Vacuum truck. Pump each tank until flow stops. Please note, We are not planning to provide scrubbing of the vacuum truck exhaust. The analytical data of the contents of the tanks does not show significant quantities of VOC's to require scrubbing or degassing. We have located a Degas unit to burn the truck exhaust if necessary.

2a) Determine the liquid level in tanks TB and T3
Drill ¼ inch hole in vessel approximately 5 ft above tank bottom
Test atmosphere with a four-gas meter
(If the LEL is above 5%, we will cut the tank with a brass cold chisel. We will have a vacuum truck on hand incase a seam on the vessel begins leaking)
Enlarge hole with a sawsall to allow pumping of tank contents

3a) Complete pumping of tanks to a level below the access hatches of the tanks

4a) Place visqueen spill containment pads around tank openings

5a) Open the access hatches of the tanks

6a) Establish a confined space entry permit for each tank as soon has the hatches are opened

7a) Vacuum the contents of the vessel as much as can be obtained from the access hatches

8a) Enter the tanks, as necessary, with a two man crew, Vacuum the materials as consistency allows

9a) Utilize a pressure washer with hot water to remove the remainder of the sludge in the tanks

10a) Pressure wash the interior walls and roof of the vessels

11a) Dispose of the waste generated at the Demenno Kerdoon facility in Compton California. Please see attachment 6 for CERCLA approval and manifest copy

DeMenno Kerdoon
2000 N. Alameda Street
Compton, CA 90222

EPA I.D. #CAT080013352
Phone: (310)537-7100

Clean Tank T 2

1b) Place visqueen spill containment pads around tank openings

2b) Open the access hatches of the tanks

3b) Establish a confined space entry permit for each tank as soon has the hatches are opened

4b) Place 20 yard interceptor bin on the concrete truck pad

5b) Connect Vactor to interceptor bin and run 6" suction piping to tank entrance, leave 20 ft of excess suction hose to work in the vessel

6b) Enter the tank with a two man work crew

7b) Start the Vactor, Clean the floor of the vessel. Remove all solids and scale from the tank. Use picks and shovels as necessary

8b) Pressure wash the interior of the walls and roof of the vessel. Recover all rinsate with

SECTION 2.0

PROJECT INFORMATION

2.1 Site Description (include unusual site features; current site status; historical uses):

The site was used by Dico Oil Corporation to blend used oil for sale to the fuel market. The operations area of the facility includes three large ASTs inside a bermed area, a concrete truck pad, and miscellaneous piping associated with the operation of the facility. Two small sheds and the chemicals stored within them were located outside the berm area have been removed.

The AST located at the site have been sampled to determine the nature and quantity of the materials in the vessels. The tanks consist of:

Tank ID	Size	contents*
TB	15' diameter, 16' high	1 to 2 ft liquid
T2	15' diameter, 16' high	6 inches solid
T3	15' diameter, 16' high	2 to 3 ft liquid
T5	6' diameter, 10' high	1 to 2 ft liquid

*estimate

The four vessels contain materials have been sampled and the materials analyzed for RCRA metals and a wide range of organic chemicals. The results show a wide range of materials, which would be expected of a waste oil blending operation. The contents of the tanks appear to be a waste oil and water mixture with some sludge. The nature of the material in each tank varies with at least one vessel testing as a RCRA waste (lead). All of the vessels containing some trace quantities of chemicals which could be considered RCRA under the derived from rule (some chemical concentrations exceed Universal Treatment Standards). No significant levels of PCB's are reported in the vessels. The complete analytical results are provided in attachment 3.

2.2 Purpose of Site Work:

1) Remove the contents of the tanks on site and properly dispose of the material

2) Clean the tanks for demolition and removal as scrap metal

2.3 Scope of Work (by task - in order of execution):

Tasks 1a thru 11a are intended to clean the tanks with free liquids. Tasks 1b thru 13b are intended to clean tank T2 that contains no free liquids

Clean Tanks TB, T3 and T5

TABLE 3-3
CONTINUATION

ETHYLBENZENE	100 ppm	800ppm	Skin, eyes, respiration	Irr,eyes drowsy, nausea, dry skin	CSN attack, Resp system, Eyes
Polychlorinated Biphenyls	0.001mg/m^3	5 mg/m^3	Skin, eyes, respiration	Irr, eyes,chloracne, liver damage repro effects	Irr, eyes,chloracne, liver damage repro effects
CHROMIUM	0.5 mg/m^3	250 mg/m^3 IDLH	Skin, eyes, respiration	Irritant	Eyes,skin, Resp system
LEAD	0.100 mg/m^3	100 mg/m^3	Skin, eyes, respiration	Irritant	CSN attack, Resp system, Kidneys, Liver, pancreas
CADMIUM	0.005 mg/m^3	9 mg/m^3	Skin, eyes, respiration	Cough, chest tight, pulm. edema	CSN attack, Resp system, Kidneys, Liver,
MERCURY	0.01mg/m^3	2 ppm	Skin, eyes, respiration	Convultions, dizzy, Vomit	CSN attack, Resp system, Kidneys, Liver.

PEL = OSHA permissible Exposure Limit, represents the maximum allowable 8 hour time weighted average (TWA) exposure concentration
TLV = ACGIH Threshold Limit Value, represents the maximum recommended 8 -hour TWA exposure concentration
STEL = OSHA Short-term Exposure Limit, represent the maximum allowable 15 minute TWA exposure concentration
TLV-STEL = ACGIH Short-term Exposure Limit, represents the maximum recommended 15 minute TWA exposure concentration
IDLH = Immediately Dangerous to Life and Health, represents the concentration at which one could be exposed for 30 minutes without experiencing escape-impairing or irreversible health effects
TPH = Total Petroleum Hydrocarbons
VOC = Volatile Organic Compounds

TABLE 3-3

ASSESSMENT OF CHEMICAL HAZARDS

Chemical Name (or class)	*PEL/TLV*	*Other Pertinent Limits (Specify)*	*Potential Exposure Pathways*	*Acute Health Effects*	*Chronic Health Effects*
WASTE OIL	350 mg/m^3	1100ppm, lel	Skin, eyes, respiration	Irr, drowsy, nausea, dry skin	CSN attack, Resp system
BENZENE	1 ppm	500 ppm, IDLH	Skin, eyes, respiration	Irr, drowsy, nausea, dry skin	CSN attack, Resp system, bone marrow
ACETONE	250 ppm	2500ppm	Skin, eyes, respiration	Irr, drowsy, nausea,	CSN, CVS attack, Resp system
XYLENE	100 ppm	900 ppm, lel	Skin, eyes, respiration	Irr, drowsy, nausea, dry skin	CSN attack, Resp system
TOLUENE	100 ppm	500ppm	Skin, eyes, respiration	Irr, drowsy, nausea,	CSN attack, Resp system, Liver Kidney
TRIMETHYLBENZENE	25 ppm	Not determined	Skin, eyes, respiration	Irr, drowsy nausea,	CSN attack, Resp system, Eyes
NAPHTHALENE	10 ppm	250ppm	Skin, eyes, respiration	Irr, , nausea,	CSN attack, Resp system, Eyes, Skin
CHRYSENE	0.1 mg/m^3	80 mg/m^3	Skin, eyes, respiration	Irr, drowsy, nausea,	CSN attack, Resp system
PHENATHRENE	2 ppm	Not determined	Skin, eyes, respiration	Irr, drowsy, nausea, dry skin	CSN attack, Resp system, Eyes

TABLE 3-2
CONTINUATION

CHROMIUM	Contaminate of waste oil	Tanks	Grabs	0 to 55 ppm
LEAD	Contaminate of waste oil	Tanks	Grabs	0 to 1760 ppm
CADMIUM	Contaminate of waste oil	Tanks	Grabs	0 to 21 ppm
MERCURY	Contaminate of waste oil	Tank 2	Grabs	0 to 15 ppm

TABLE 3-2
KNOWN AND/OR PROBABLE CONTAMINANTS*

Contaminant	*Source of Contamination*	*Sample Location*	*Sample Type*	*Concentration Range*
Waste Oil	Raw material of business	Tanks	Grabs	0 to 50%
BENZENE	Contaminate of waste oil	Tanks	Grabs	0 to 3.5 ppm
ACETONE	Contaminate of waste oil	Tanks	Grabs	0 to 31 ppm
XYLENE	Contaminate of waste oil	Tanks	Grabs	0 to 106 ppm
TOLUENE	Contaminate of waste oil	Tanks	Grabs	0 to 46 ppm
TRIMETHYLBENZENE	Contaminate of waste oil	Tanks	Grabs	0 to 77 ppm
NAPHTHALENE	Contaminate of waste oil	Tanks	Grabs	0 to 23 ppm
CHRYSENE	Contaminate of waste oil	Tanks	Grabs	0 to 9 ppm
PHENATHRENE	Contaminate of waste oil	Tanks	Grabs	0 to 16 ppm
ETHYLBENZENE	Contaminate of waste oil	Tanks	Grabs	0 to 6.5 ppm
POLYCHLORINATED BIPHENYLS	Contaminate of waste oil	Through out facility	Grabs	0 to 160 ppm 0.53 PPM in T2

TABLE 3-1

ASSESSMENT OF NON-CHEMICAL HAZARDS

Non-Chemical Hazard	*Yes*	*No*	*Task No. (s)*	*Non-Chemical Hazard*	*Yes*	*No*	*Task No. (s)*
1. Electrical (overhead lines)		X		16. Shoring		X	
2. Electrical (underground lines)		X		17. Scaffolding		X	
3. Gas/Water lines		X		18. Biologic		X	
4. Hydroblasting Equipment		X		19. Holes/Ditches		X	
5. Steam Cleaning Equipment	X			20. Steep Grades		X	
6. Machinery	X		All	21. Slippery Surfaces		X	
7. Heat Exposure		X		22. Uneven Terrain	X		ALL
8. Cold Exposure		X		23. Unstable Surfaces		X	
9. Oxygen Deficiency	X		7a, 8a, 9a,10a, 6b, 7b, 8b, 9b	24. Elevated Surfaces	X		ALL
10. Confined Spaces	X		7a, 8a, 9a,10a, 6b, 7b, 8b, 9b	25. Lighting		X	
11. Noise		X		26. Vehicle Traffic		X	
12. Ionizing Radiation		X		27.			
13. Non-Ionizing Radiation		X		28.			
14. Fire		X		29.			
15. Explosive Atmospheres	X		7a, 8a, 9a,10a, 6b, 7b, 8b, 9b	30.			

SECTION 3.0

HEALTH AND SAFETY RISK ANALYSIS

3.1 Hazard Analysis:

The contents of the AST's at the DICO site are substantially waste oil and water. The tanks do contain trace amounts of Benzene (3.5), Acetone (31), Xylene (106), Toluene (46), Naphthalene (23), Chrysene (9), Phenanthrene (16), TrimethylBenzene (77), Lead (1760), Cadmium (21) and Chromium (46). The values in parentheses are the highest level analyses in PPM) Tank T2 contains a low level of Mercury (11.85 ppm). The trace levels of the organics noted above are not believed to present an inhalation hazard due to the low concentrations of the chemicals. We will make all entry operations with supplied air.

Only one of the vessels showed any level of PCBs. Tank T2 shows 0.53 ppm

Tank T3 shows a flash of 65 degrees F in one phase. We will not enter this tank with a LEL at or above 5%. If the LEL tests above 5%, The vessel will be washed from outside, with a degas unit utilized for AQMD compliance.

3.2 Non-Chemical Hazard Summary:

(See Table 3-1 for Summary Assessment of Non-Chemical Hazards)

3.3 Site Contaminant Source (s) and Data:

(See Table 3-2 for List of Known/Probable Contaminants and/or Applicable Analytical Data Reports)

3.4 Chemical Hazard Summary:

(See Table 3-3 for Summary Assessment of Chemical Hazards)

a Vacuum truck

9b) After the cleaning process is complete, remove the cleaning tools from the vessel, exit the vessel and close out entry permit

10b) Disconnect the Vactor from the interceptor bin, placing contaminated hose in the bin

11b) Clean the vactor including waste bin and dust collector

12b) Move the Interceptor bin to a location clear of activity. Sample the waste, and seal and label the container per CFR 40, part 262 regulations

13b) Profile the waste to a Class 1 landfill:

Chemical Waste Management
35251 Old Skyline RD
Kettleman City, CA 93239

EPA I.D. #CAT00064617
Phone: (559) 386-9711

13b) Manifest the waste per DOT regulations and transport the interceptor bin to Chemical Waste Management after profile approval is obtained

2.4 Waste Management Rational:

The waste in the vessels at DICO is consistent with the waste generated by most waste oil. The results of the analytical data may be summarized as:

Tank TB 11,600 mg/kg zinc in TB sludge, in excess of state TTLC

Contains a mixture of oil, water and sludge. The laboratory results show a benzene level of 0.515 ppm. The TCLP was not run, therefore we will assume the material to require a D018 code. In addition, several chemicals are present at levels above the RCRA Land Ban Regulations Universal Treatment Standards. No PCBs were detected. The tank is reported as not ignitable.

Tank 2 — had 2,070 mg/kg lead in excess of state TTLC.

Contains solids with no free liquids. Shows a PCB concentration of 0.53 ppm. The laboratory results show no RCRA "D" codes, however several chemicals are present at levels above the RCRA Land Ban Regulations Universal Treatment Standards. The mercury level in the sludge is reported at 11.85 ppm, however the TCLP for mercury was non detect. The tank is reported as non ignitable.

Tank 3

Contains a mixture of oil, water and sludge. The sample taken close to the top of the liquid in the vessel shows a flash of 65 degrees F. The laboratory results also show RCRA "D" codes (D008 & D018). The results include several chemicals which are present at levels above the RCRA Land Ban Regulations Universal Treatment Standards. No PCBs were detected. We believe this tank is contaminated with a trace of gasoline.

TRPH 388,000, well in excess of UST Standards.

also 1760 lead TTLC here.

Tank 5

Appears to contain water with trace organic chemicals. The laboratory results show no RCRA "D" codes, however several chemicals are present at levels below the RCRA Land Ban Regulations Universal Treatment Standards. No PCBs were detected.

The sample points which were available on the vessels were located below any residual oil level which may have separated from a water phase. The history of the vessels makes it likely that such an oil phase is present in tanks TB, T3 and T5. Based on this history and the presence of Lead and Benzene at RCRA levels in tank T3, we expect the waste from all three tanks to be of similar character

We are proposing to clean the tanks and commingle the waste in these three vessels to allow a more efficient cleaning operation. The commingled waste, based on the flash point of one phase of T 3, will be Manifested as:

Waste Flammable liquid, N.O.S. (gasoline), 3, UN1993 PG II
Waste Codes will be D001, D008 & D018, The state code will be 134
Additional description will be: Oil and water with trace gasoline

The shipments of this waste will be accompanied by Land Ban Declarations which include as constituents of concern, all chemical which available data shows to be above Universal Waste Treatment standards. These chemicals are Benzene (3.5), Acetone (31), Xylene (106), Toluene (46), Naphthalene (23), Chrysene (9), Phenanthrene (16), TrimethylBenzene (77), Lead (1760), Cadmium (21) and Chromium (46). The values in parentheses are the highest level analyses in PPM)

The waste from T2 will be shipped as

Hazardous Waste Solid, N.O.S. (D008), 9, NA 3077 PGII
Waste Codes will be D008 , The state code will be 352
Additional description will be: Oil and sludge

Please note, the lead TCLP on T 2 does not give a D008 code. Its use will allow conservative handling of the waste.

The shipments of this waste will be accompanied by Land Ban Declarations which include as constituents of concern, all chemical which available data shows to be above Universal Waste Treatment standards. These chemicals are Chrysene (9), Phenanthrene (16), TrimethylBenzene (77), Lead (2070), Cadmium (8), Chromium (498) and Zinc (1850). The values in parentheses are the highest level analyses in ppm.

SECTION 4.0

HEALTH AND SAFETY FIELD IMPLEMENTATION

4.1 Personal Protective Equipment (PPE) Requirements:

PPE may be upgraded or downgraded by the site industrial hygienist, EHSO, or qualified Site Safety Officer based upon site conditions and sir monitoring results. Reference to required PPE will be by Level of Protection (A-D). A summarized description of minimum required PPE by level of protection is indicated below:

LEVEL A Self-contained breathing apparatus (SCBA) or supplied air respirator (SAR) with escape SCBA; totally-encapsulating suit; chemical resistant boots and gloves; two-way radio communications.

LEVEL B SCBA or SAR with escape SCBA; chemical-resistant suite, boots, gloves.

LEVEL C Air purifying respirator (half or full face); chemical-resistant suit, boots, gloves.

LEVEL D Coveralls, chemical-resistant boots, safety glasses.

(See Table 4-1 for PPE Requirements)

4.2 Monitoring Equipment Requirements:]

Monitoring is conducted by the Site Safety Officer or designee. Conduct contaminant source monitoring initially. Complete breathing zone monitoring if source concentrations are near or above contaminant action level concentrations. Log direct reading on Direct Reading Report form. Calibrate monitoring instruments daily or in accordance with manufacturers' specifications. Record calibration data on the Instrument Calibration Log.

(See Attachment 4 for Direct Reading Report and Instrument Calibration Log)

4.3 Site Zones/Delineation:

Exclusion Zone: The zone where contamination does or could occur. This zone is where the majority of hazardous material is handled.

Contamination Reduction Zone: At perimeter of Exclusion Zone.

Support Zone: Outside of Contamination Reduction Zone

4.4 Site Communication:

X_____ By two way radio
X_____ By telephone
_____ By pager
_____ By other means (describe): Air horn for work crew inside of building.

TABLE 4-1

PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS

Task No. (s)	*Level of Protection*	*Level of Upgrade*	*PPE[a] Suit*	*PPE[b] Gloves*	*PPE[b] Feet*	*PPE[b] Head*	*PPE[b] Eyes*	*PPE[b] Ears*	*PPE[c] Resp.*	*Additional PPE[a]*
1a, 2a, 3a, 4a, 5a, 6a	C	B	polytyvex	N & PVC	Steel +	HH	Glass + Faceshield	None	Fullface OV/AG	
7a, 8a, 9a, 10a	B	A	Polytyvex	N & Pvc	Steel +	HH	Faceshield	none	SAR	
11a	C	B	tyvex	N & PVC	Steel +	HH	Glass +	None	None	
1b, 3b, 4b, 5b	C	B	tyvex	N & PVC	Steel +	HH	Glass +	None	NONE	
2b	C	B	polytyvex	N & PVC	Steel +	HH	Glass +	None	Fullfasce, OV/AG	
6b, 7b, 8b, 9b	B	A	polytyvex	N & PVC	Steel +	HH	Glass +	None	SAR	
10b,11b	C	B	tyvex	N & Pvc	Steel +	HH	faceshield	none	Fullfasce, OV/AG	
12b	C	B	tyvex	N & PVC	Steel +	HH	Glass +	None	None	

a = Personal Protective Equipment	b = Personal Protective Equipment	c = Personal Protective Equipment
SUIT: NOMEX = Fire retardant clothing Std = Standard work clothes Tyvek = Uncoated Tyvek disposable coveralls PE Tyvek = Polyethylene - coated Tyvek Chemtrel = Chemre coverall with hood Saranex = Saranex-laminated Tyvek LtPVC = Light-weight PVC rainwear Med PVC = Medium-weight PVC suit Hvy PVC = Heavy-weight PVC coverall with hood Road= Roadwork vest GLOVES: Work = Work gloves (canvas, leather) Neo = Neoprene gloves PVC = PVC gloves N = Nitrile gloves V = Vinyl gloves L = Latex gloves	FEET: Steel = Steel-toe boots Steel + = Steel-toe PVC boots Booties = PVC booties HEAD: HH = Hard-hat EYE: Glass = Safety glasses Goggle = Goggles Shield = Face shield EAR: Plugs = Earplugs Muff = Earmuff	RESPIRATOR: APR = Air purifying respirator Full APR = Full face APR Half APR = Half face APR PAPR = Powered Air Purifying Resp SAR = Airline-supplied respirator SCBA = Self-contained breathing apparatus Escape = Escape SCBA OV = Organic Vapor Cartridge AG = Acid Gas Cartridge OV/AG = Organic Vapor/Acid Gas Cartridge AM = Ammonia Cartridge Dust/mist = Dust/mist pre-filter and cover for cartridge HEPA = High efficiency particulate air filter cartridge Other: * = Use if contact with wet soil or water ** = Optional use except if specific hazard present

TABLE 4-2

MONITORING PROTOCOLS AND CONTAMINANT ACTION LEVELS

Breathing Zone - Action Level Concentrations *

Task No. (s)	*Contaminant*	*Monitoring Equipment*	*Monitoring Protocol*	*Monitored Level Mandatory Respirator Use*	*Monitored Level for Mandatory Work Stoppages* **
ALL	Petroleum based hydrocarbons	PID	.continuous	100 ppm	1000ppm, or 10% LEL, whichever is lower
6a, 7a, 8a, 9a, 10a, 3b, 6b, 7b, 8b, 9b,	Petroleum based hydrocarbons, LEL, O_2, CO	4 gas meter	.continuous	NA(work plan uses SAR for tank entry)	10% LEL

* Monitoring performed at operator's breathing zone
** Call the Regional Environmental Health and Safety Coordinator for consolation

PID = Photoionization Detector (HU, TIP, OVM)
FID = Flame Ionization Detector (OVA)

The Dico site will be monitored at the start of the day to establish background levels for the PID direct reading instrument. These levels will be used to establish the action levels for the site for the removal of the containerized chemicals. The PID will be set up downwind of the exclusion zone with a Technician monitoring the instrument continuously. The following action levels will be observed.

PID reading Background plus 10 ppm	Mandatory full face respirators OV/AG Within exclusion zone Immediate action to find and control source
PID reading Background plus 100 ppm	Mandatory SAR within exclusion zone Immediate action to find and control source
PID reading Background plus 250 ppm	Mandatory SAR within exclusion zone Immediate action to find and control source Shut down of all site activities other than control of source

Four Gas Meter

The four-gas meter will be used to control possible fire/explosion hazards. The instrument will be used by the "B Level" entry team. The instrument will be used at the location of each sample pull for the containerized chemicals. The meter pickup will be placed 6 inches from the container being sampled.
Action levels will be:

0 to 5% LEL	complete cleaning of tanks
5% to 10%	Exit tank. Determine why LEL is increasing
> 10% LEL	Shut down site, determine source of vapor and plan control measures

The other functions (CO, O_2 Sulfides) of the four gas meter will be monitored, any indication above background will result in shut down of site activity until the contaminate source is located and evaluated.

SECTION 5.0

SITE OPERATING PROCEDURES

5.1 Initial Site Entry Procedures:

Locate nearest available telephone. Indicate location on Site map.

- Determine wind direction, establish hotline, and set-up decontamination facilities. Note wind direction and location of decontamination facilities on Site Map.
- Post Emergency Information. Confirm/post emergency phone number and hospital route.
- Designate at least one vehicle for emergency use.
- If toilet facilities are not located within a 5 minute walk from the decontamination facilities, either provide a chemical toilet and hand washing facilities, or have vehicle available (not the emergency vehicle) for transport to nearby facilities.
- Prior to working on-site, conduct an inspection for physical and chemical hazards.
- Conduct or review utility clearance prior to start of work, if appropriate.
- Note any specialized protocols particular to work tasks associated with the project.

5.2 Daily Operating Procedures:

- Hold daily Tailgate Safety Meeting prior to work start.
- Use monitoring instruments and follow designated protocol and contaminant action levels.
- Use personal protective equipment (PPE) as specified.
- Remain upwind of operations and airborne contaminants, if possible.

- Establish a work/rest regime when ambient temperatures and protective clothing create a potential heat stress hazard.

- Do not carry cigarettes, gum, etc., into contaminated areas.

- Refer to Site Safety Officer for specific concerns for each individual site task.

- **ALWAYS EMPLOY THE BUDDY SYSTEM**

- Be alert to your own physical condition. Watch buddy for signs of fatigue, exposure, etc.

- All accidents, no matter how minor, must be reported immediately to the Site Safety Officer.

5.3 Decontamination (Decon) Procedures (Personnel and Equipment):

- Personnel decontamination procedures will be required when Level C or higher levels of protection are used by personnel.

- Dry wipe samples prior to packaging

- Brush clean the sampling equipment and rinse with distilled water or other cleaning solution.

- Wipe clean the monitoring equipment.

- Equipment will be brushed clean and/or pressure-washed if heavily contaminated.

- Decontamination will be performed in a manner that minimized waste generation.

- Containment systems will be set up as necessary for collection of decon solutions.

- Spent decon solutions will be contained in drums or portable tanks and disposed of as waste, if applicable.

- Do not walk through areas of obvious or know contamination, and do not handle or touch contaminated material directly.
- Make sure all PPE has no cuts or tears prior to donning.
- Fasten all closures on suits, covering with tape, if necessary.
- Care should be taken to limit the extent that a piece of equipment comes into contact with contamination (e.q., on backhoes - limit contact to the arm and bucket)

5.4 Additional Health and Safety Protocols:

- For Confined Space Entry operations, follow all requirements of CWI Policy an Procedure

SECTION 6.0

EMERGENCY RESPONSE PLAN

6.1 Emergency Incident Procedures:

If an emergency incident occurs, take the following action:

Step 1: Notify the Site Safety Officer and Field Supervisor and size-up situation based on available information.

Step 2: As necessary, request assistance from the outside sources and/or allocate personnel and equipment resources for response.

Step 3: Survey and assess existing and potential hazards

Step 4: As appropriate, evacuate site personnel and nearby public and contain hazards.

Step 5: Prepare Incident Report.

6.2 Emergency Injury Procedures:

If an injury occurs, take the following action:

Step 1: Get medical attention for the injured person immediately.

Step 2: Notify the Site Safety Officer and Field Supervisor.

Step 3: Depending on the type and severity of the injury, notify the CWI Occupational Physician.

Step 4: Notify the injured person's Human Resources office.

Step 5: Prepare the Incident Report. The Site Safety Officer is responsible for its preparation and submittal to the Human Resources Office within 24 hours.

Step 6: The Site Safety Officer will assume charge during a medical emergency.

6.3 Emergency Telephone Numbers:

TO BE POSTED

Title	*Name*	*Phone No.*
Police Department	Police	911
Fire Department	Fire/Emergency	911
Local Hospital	As directed by safety personnel	
Local Ambulance/Rescue	Paramedics	911
Director of Environmental Health & Safety	Health and Safety Director	909-625-6645
Regional Occupational Physician/Facility	Hospital/Medical Office	Long Beach Mer. Med Ctr
Client Contact	Luis Marmot	
Site Contact	Luis Marmot	
Project Manager	Ed McGlothlin	909-772-4309
Site Safety Officer	Ed McGlothlin	
Subcontractor Contact (s)	N/A	

6.4 Hospital:

Name: Long Beach Memorial Medical Center

Address: 2801 Atlantic AV. Long Beach CA

Phone: 562-933-2000

Route:

(See Hospital Route Map on following page (to be posted)

ATTACHMENT 1

PERSONNEL RESPONSIBILITIES AND QUALIFICATIONS

PERSONNEL RESPONSIBILITIES AND QUALIFICATIONS

Title	*General Description*	*Specific Responsibilities*	*Required Training & Medical Surveillance*
Project Manager:	• Reports to upper - level Management. • Has authority to upper-level operations. • Assumes total control over site activities.	• Prepares and organized the background review of the job at hand, the Work Plan, the Site Safety and Health Plan, and the field team. • Obtains permission for site access and coordinated activities with appropriate officials. • Ensures that the Work Plan is completed and on schedule. • Briefs the field teams on their specific assignments. • Uses the Site Safety Officer to ensure that safety and health requirements are met. • Prepares the final report and support files on the response activities. • Serves as the liaison with public officials.	• 40-hr Hazardous Waste Training, Including 8 hour update (29 CFR 1910.120) • 8 hour Supervisor Hazardous Waste Training (29 CFR 1910.120) • Respirator use (if on site work). • Medical surveillance participant (if on site work) • Medical hazards training.

Title	*General Description*	*Specific Responsibilities*	*Required Training & Medical Surveillance*
Site Safety Officer & Alternates:	• Advises the Field Supervisor on all aspects of health and safety on site. • Recommends stopping work if any operations threaten worker or public health or safety	• Coordinates safety and health program activities. • Conducts Tailgate Safety Meetings and completes all documentation forms required by the Site Safety and Health Plan. • Monitors site personnel for signs of stress, such as cold exposure, heat stress and fatigue. • Monitors on site hazards and conditions. • participates in preparation of and implements the Site Safety and Health Plan. • Ensures that protective clothing and equipment are properly stored and maintained. • Knows emergency procedures, evacuation routes, and telephone numbers of the ambulance, local hospital, poison control center, fire department and police department. • Notifies, when necessary, local public emergency officials. • Coordinates emergency medical care.	• 40 hour Hazardous Waste Training including 8 hour (CFR 1910.120). • Respirator use training. • Medical surveillance participant. • Medical hazards training.
Field Supervisor:	• Responsible for field team operations and safety. • Reports to Project Manager.	• Manages field operations. • Executes the Work Plan and schedule. • Enforces safety procedure. • Coordinates with the SSO in determining protection level. • Enforces site control. • Documents field activities and sample collection. • Serves as a liaison with public officials.	• 40 hour Hazardous Waste Training including 8 hour update (29 CFR 1910.120). • Respirator use training. • Medical surveillance participant. • Medical hazards training.

TITLE	*GENERAL DESCRIPTION*	*SPECIFIC RESPONSIBILITIES*	*REQUIRED TRAINING & MEDICAL SURVEILLANCE*
Team Members:	• Reports to Field Supervisor.	• Safely completes the on-site tasks required to fulfill the Work Plan. • Complies with Site Safety and Health Plan. • Notifies the SSO or Field Supervisor of unsafe conditions.	• 40 hour Hazardous Waste Training including 8 hour update (29 CFR 1910.120). • Respirator use training. • Medical surveillance participant. • Medical hazards training.

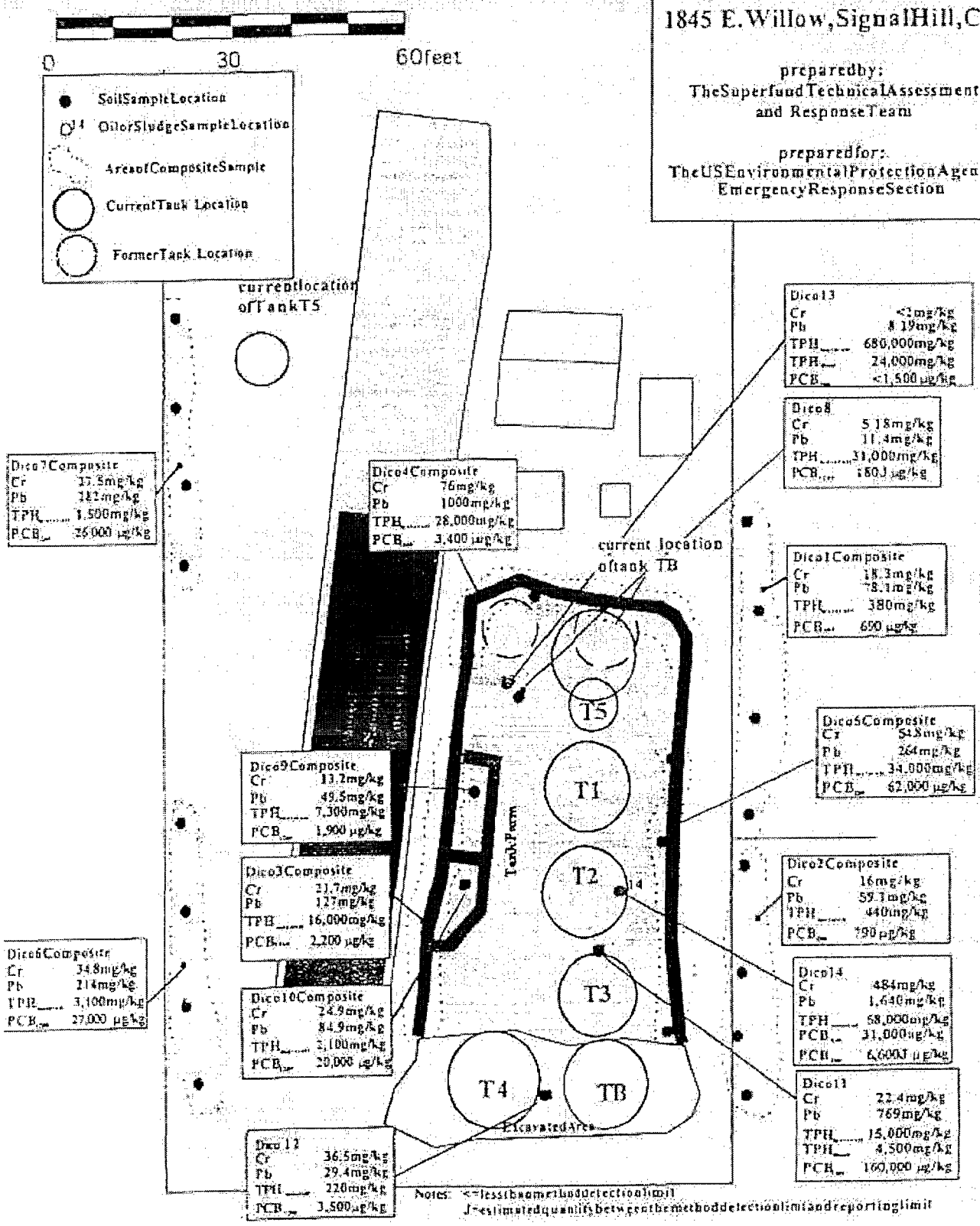
ATTACHMENT 2

SITE MAP (S)

Figure4: Sample Locations
Dico RemovalAssessment
1845 E.Willow,SignalHill,CA

preparedby:
TheSuperfundTechnicalAssessment
and ResponseTeam

preparedfor:
TheUSEnvironmentalProtectionAgency
EmergencyResponseSection



ATTACHMENT 3

Analytical Data

(This is a separate .pdf document)

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT The Reynolds Group (6428)
ATTN: Dwayne Ziegler
P.O. Box 1996
250 El Camino Real, Suite 204
Tustin, CA 92781-1996

LAB REQUEST 117754
REPORTED 10/15/2003
RECEIVED 10/02/2003

PROJECT 6454 Marmol Signal Hill

SUBMITTER Client

COMMENTS Added various analyses to various samples.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
467839	T3 Bottom
467840	T3 Composite
467841	T2 Solid
467842	TB Liquid
467843	TB Sludge
467844	T5 Liquid
467846	Laboratory Method Blank-S

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 467839 **Client Sample ID:** T3 Bottom

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:15

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
6010B	Antimony	ND		1	3.0	0.62	mg/Kg	10/10/03	KN
6010B	Arsenic	ND		1	1.0	0.72	mg/Kg	10/10/03	KN
6010B	Barium	1.71		1	1.0	0.05	mg/Kg	10/10/03	KN
6010B	Beryllium	ND		1	0.5	0.16	mg/Kg	10/10/03	KN
6010B	Cadmium	ND		1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Chromium	0.253	J	1	1.0	0.14	mg/Kg	10/10/03	KN
6010B	Cobalt	0.122	J	1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Copper	7.85		1	1.0	0.10	mg/Kg	10/10/03	KN
6010B	Lead	4.66		1	0.5	0.16	mg/Kg	10/10/03	KN
6010B	Molybdenum	0.962	J	1	1.0	0.38	mg/Kg	10/10/03	KN
6010B	Nickel	0.751	J	1	1.5	0.29	mg/Kg	10/10/03	KN
6010B	Selenium	ND		1	1.0	0.55	mg/Kg	10/10/03	KN
6010B	Silver	0.151	J	1	0.5	0.12	mg/Kg	10/10/03	KN
6010B	Thallium	ND		1	1.0	0.33	mg/Kg	10/10/03	KN
6010B	Vanadium	ND		1	0.5	0.17	mg/Kg	10/10/03	KN
6010B	Zinc	6.52		1	5.0	0.07	mg/Kg	10/10/03	KN
1010	Ignitability by PM Closed Cup M	> 200		1			deg F	10/27/03	HK
7471A	Mercury	0.16		1	0.14	0.015	mg/Kg	10/08/03	MDJ
418.1	Total Recoverable Petroleum Hy	25		1	10	10	mg/Kg	10/08/03	TN
8270C	1,2,4-Trichlorobenzene	ND		1	333	32.1	ug/Kg	10/14/03	DP
8270C	1,2-Dichlorobenzene	ND		1	333	69.1	ug/Kg	10/14/03	DP
8270C	1,3-Dichlorobenzene	ND		1	333	133.5	ug/Kg	10/14/03	DP
8270C	1,4-Dichlorobenzene	ND		1	333	58.0	ug/Kg	10/14/03	DP
8270C	2,4,5-Trichlorophenol	ND		1	1665	33.6	ug/Kg	10/14/03	DP
8270C	2,4,6-Trichlorophenol	ND		1	1665	31.9	ug/Kg	10/14/03	DP
8270C	2,4-Dichlorophenol	ND		1	333	35.3	ug/Kg	10/14/03	DP
8270C	2,4-Dimethylphenol	651		1	333	37.1	ug/Kg	10/14/03	DP
8270C	2,4-Dinitrophenol	ND		1	1665	60.5	ug/Kg	10/14/03	DP
8270C	2,4-Dinitrotoluene	ND		1	333	58.4	ug/Kg	10/14/03	DP
8270C	2,6-Dinitrotoluene	ND		1	333	50.4	ug/Kg	10/14/03	DP
8270C	2-Chloronaphthalene	ND		1	333	18.2	ug/Kg	10/14/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467839 **Client Sample ID:** T3 Bottom

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:15

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	2-Chlorophenol	ND	1	333	230.8	ug/Kg	10/14/03	DP
8270C	2-Methylnaphthalene	ND	1	333	31.6	ug/Kg	10/14/03	DP
8270C	2-Methylphenol	612	1	333	194.3	ug/Kg	10/14/03	DP
8270C	2-Nitroaniline	ND	1	1665	30.8	ug/Kg	10/14/03	DP
8270C	2-Nitrophenol	ND	1	333	63.4	ug/Kg	10/14/03	DP
8270C	3,3-Dichlorobenzidine	ND	1	333	52.3	ug/Kg	10/14/03	DP
8270C	3-Methylphenol	ND	1	333	211.4	ug/Kg	10/14/03	DP
8270C	3-Nitroaniline	ND	1	1665	31.1	ug/Kg	10/14/03	DP
8270C	4,6-Dinitro-2-methylphenol	ND	1	1665	44.9	ug/Kg	10/14/03	DP
8270C	4-Bromophenyl-phenylether	ND	1	333	29.6	ug/Kg	10/14/03	DP
8270C	4-Chloro-3-methylphenol	ND	1	333	48.8	ug/Kg	10/14/03	DP
8270C	4-Chloroaniline	ND	1	333	19.2	ug/Kg	10/14/03	DP
8270C	4-Chlorophenyl-phenylether	ND	1	333	38.1	ug/Kg	10/14/03	DP
8270C	4-Methylphenol	591	1	333	211.4	ug/Kg	10/14/03	DP
8270C	4-Nitroaniline	ND	1	1665	134.9	ug/Kg	10/14/03	DP
8270C	4-Nitrophenol	ND	1	1665	84.8	ug/Kg	10/14/03	DP
8270C	Acenaphthene	ND	1	333	17.4	ug/Kg	10/14/03	DP
8270C	Acenaphthylene	ND	1	333	14.8	ug/Kg	10/14/03	DP
8270C	Anthracene	ND	1	333	9.9	ug/Kg	10/14/03	DP
8270C	Benzidine	ND	1	333	260	ug/Kg	10/14/03	DP
8270C	Benzo(a)anthracene	ND	1	333	26.2	ug/Kg	10/14/03	DP
8270C	Benzo(a)pyrene	ND	1	333	20.0	ug/Kg	10/14/03	DP
8270C	Benzo(b)fluoranthene	ND	1	333	29.9	ug/Kg	10/14/03	DP
8270C	Benzo(g,h,i)perylene	ND	1	333	13.9	ug/Kg	10/14/03	DP
8270C	Benzo(k)fluoranthene	ND	1	333	23.7	ug/Kg	10/14/03	DP
8270C	Benzoic Acid	ND	1	333	70.0	ug/Kg	10/14/03	DP
8270C	Benzyl alcohol	ND	1	333	197.0	ug/Kg	10/14/03	DP
8270C	bis(2-Chloroethoxy)methane	ND	1	333	22.6	ug/Kg	10/14/03	DP
8270C	bis(2-Chloroethyl)ether	ND	1	333	291.5	ug/Kg	10/14/03	DP
8270C	bis(2-Chloroisopropyl) ether	ND	1	333	275.3	ug/Kg	10/14/03	DP
8270C	bis(2-Ethylhexyl)phthalate	ND	1	333	36.1	ug/Kg	10/14/03	DP
8270C	Butylbenzylphthalate	ND	1	333	25.9	ug/Kg	10/14/03	DP
8270C	Chrysene	ND	1	333	38.0	ug/Kg	10/14/03	DP
8270C	Di-n-butylphthalate	ND	1	333	30.7	ug/Kg	10/14/03	DP
8270C	Di-n-octylphthalate	ND	1	333	66.3	ug/Kg	10/14/03	DP
8270C	Dibenz(a,h)anthracene	ND	1	333	32.3	ug/Kg	10/14/03	DP
8270C	Dibenzofuran	ND	1	333	16.4	ug/Kg	10/14/03	DP
8270C	Diethylphthalate	ND	1	333	43.8	ug/Kg	10/14/03	DP
8270C	Dimethylphthalate	ND	1	333	28.6	ug/Kg	10/14/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467839 **Client Sample ID:** T3 Bottom

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:15

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
8270C	Fluoranthene	ND		1	333	28.2	ug/Kg	10/14/03	DP
8270C	Fluorene	ND		1	333	19.3	ug/Kg	10/14/03	DP
8270C	Hexachlorobenzene	ND		1	333	49.4	ug/Kg	10/14/03	DP
8270C	Hexachlorobutadiene	ND		1	333	40.1	ug/Kg	10/14/03	DP
8270C	Hexachlorocyclopentadiene	ND		1	333	48.3	ug/Kg	10/14/03	DP
8270C	Hexachloroethane	ND		1	333	180.8	ug/Kg	10/14/03	DP
8270C	Indeno(1,2,3-c,d)pyrene	ND		1	333	36.1	ug/Kg	10/14/03	DP
8270C	Isophorone	ND		1	333	30.4	ug/Kg	10/14/03	DP
8270C	N-Nitroso-di-n-propylamine	ND		1	333	221.8	ug/Kg	10/14/03	DP
8270C	N-Nitrosodiphenylamine	ND		1	333	29.1	ug/Kg	10/14/03	DP
8270C	Naphthalene	ND		1	333	15.6	ug/Kg	10/14/03	DP
8270C	Nitrobenzene	ND		1	333	60.6	ug/Kg	10/14/03	DP
8270C	Pentachlorophenol	ND		1	1665	38.0	ug/Kg	10/14/03	DP
8270C	Phenanthrene	ND		1	333	19.4	ug/Kg	10/14/03	DP
8270C	Phenol	408		1	333	229.8	ug/Kg	10/14/03	DP
8270C	Pyrene	ND		1	333	28.2	ug/Kg	10/14/03	DP

Surrogates				Units	Control Limits
8270C	2,4,6-Tribromophenol (sur)	57		%	17 - 122
8270C	2-Fluorobiphenyl (sur)	29	S	%	30 - 115
8270C	2-Fluorophenol (sur)	21	S	%	25 - 121
8270C	Nitrobenzene-d5 (sur)	25		%	23 - 120
8270C	Phenol-d5 (sur)	12	S	%	24 - 113
8270C	Terphenyl-d14 (sur)	37		%	18 - 137

8260B	1,1,1,2-Tetrachloroethane	ND		50	250.0	2.19	ug/Kg	10/11/03	AM
8260B	1,1,1-Trichloroethane	ND		50	250.0	0.47	ug/Kg	10/11/03	AM
8260B	1,1,2,2-Tetrachloroethane	ND		50	250.0	0.50	ug/Kg	10/11/03	AM
8260B	1,1,2-Trichloroethane	ND		50	250.0	0.57	ug/Kg	10/11/03	AM
8260B	1,1,2-Trichlorotrifluoroethane	ND		50	250.0	0.10	ug/Kg	10/11/03	AM
8260B	1,1-Dichloroethane	ND		50	250.0	0.74	ug/Kg	10/11/03	AM
8260B	1,1-Dichloroethene	ND		50	250.0	0.43	ug/Kg	10/11/03	AM
8260B	1,1-Dichloropropene	ND		50	250.0	1.30	ug/Kg	10/11/03	AM
8260B	1,2,3-Trichlorobenzene	ND		50	250.0	0.54	ug/Kg	10/11/03	AM
8260B	1,2,3-Trichloropropane	ND		50	250.0	0.65	ug/Kg	10/11/03	AM
8260B	1,2,4-Trichlorobenzene	ND		50	250.0	0.54	ug/Kg	10/11/03	AM
8260B	1,2,4-Trimethylbenzene	275		50	250.0	0.60	ug/Kg	10/11/03	AM
8260B	1,2-Dibromo-3-chloropropane	ND		50	250.0	1.92	ug/Kg	10/11/03	AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467839 **Client Sample ID:** T3 Bottom

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:15

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
8260B	1,2-Dibromoethane	ND		50	250.0	0.43	ug/Kg	10/11/03	AM
8260B	1,2-Dichlorobenzene	ND		50	250.0	0.45	ug/Kg	10/11/03	AM
8260B	1,2-Dichloroethane	ND		50	250.0	0.59	ug/Kg	10/11/03	AM
8260B	1,2-Dichloropropane	ND		50	250.0	0.58	ug/Kg	10/11/03	AM
8260B	1,3,5-Trimethylbenzene	60	J	50	250.0	0.55	ug/Kg	10/11/03	AM
8260B	1,3-Dichlorobenzene	ND		50	250.0	0.44	ug/Kg	10/11/03	AM
8260B	1,3-Dichloropropane	ND		50	250.0	0.51	ug/Kg	10/11/03	AM
8260B	1,4-Dichlorobenzene	ND		50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	1,4-Dioxane	ND		50	10000.0	200	ug/Kg	10/11/03	AM
8260B	1-Chlorohexane	ND		50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	2,2-Dichloropropane	ND		50	250.0	0.47	ug/Kg	10/11/03	AM
8260B	2-Butanone (MEK)	689	J	50	5000.0	0.98	ug/Kg	10/11/03	AM
8260B	2-Chloroethyl vinyl ether	ND		50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	2-Chlorotoluene	ND		50	250.0	0.92	ug/Kg	10/11/03	AM
8260B	2-Hexanone	ND		50	250.0	4.7	ug/Kg	10/11/03	AM
8260B	4-Chlorotoluene	ND		50	250.0	0.52	ug/Kg	10/11/03	AM
8260B	4-Methyl -2- Pentanone	ND		50	250.0	0.49	ug/Kg	10/11/03	AM
8260B	Acetone	8300		50	2500.0	3.81	ug/Kg	10/11/03	AM
8260B	Acetonitrile	ND		50	250.0	0.7	ug/Kg	10/11/03	AM
8260B	Acrolein	ND		50	10000.0	172	ug/Kg	10/11/03	AM
8260B	Acrylonitrile	ND		50	250.0	1.3	ug/Kg	10/11/03	AM
8260B	Allyl chloride	ND		50	250.0	0.4	ug/Kg	10/11/03	AM
8260B	Benzene	1210		50	250.0	0.39	ug/Kg	10/11/03	AM
1311/8260	Benzene TCLP	0.58		50	0.25	0.00008	mg/L	10/25/03	AM
8260B	Benzyl chloride	ND		50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	Bromobenzene	ND		50	250.0	0.65	ug/Kg	10/11/03	AM
8260B	Bromochloromethane	ND		50	250.0	0.36	ug/Kg	10/11/03	AM
8260B	Bromodichloromethane	ND		50	250.0	0.48	ug/Kg	10/11/03	AM
8260B	Bromoform	ND		50	250.0	0.53	ug/Kg	10/11/03	AM
8260B	Bromomethane	ND		50	250.0	2.07	ug/Kg	10/11/03	AM
8260B	Carbon Disulfide	ND		50	250.0	0.8	ug/Kg	10/11/03	AM
8260B	Carbon tetrachloride	ND		50	250.0	0.40	ug/Kg	10/11/03	AM
8260B	Chlorobenzene	ND		50	250.0	0.42	ug/Kg	10/11/03	AM
8260B	Chloroethane	ND		50	250.0	1.1	ug/Kg	10/11/03	AM
8260B	Chloroform	ND		50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	Chloromethane	ND		50	250.0	0.25	ug/Kg	10/11/03	AM
8260B	cis-1,2-Dichloroethene	ND		50	250.0	0.79	ug/Kg	10/11/03	AM
8260B	cis-1,3-Dichloropropene	ND		50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	cis-1,4-Dichloro-2-butene	ND		50	250.0	0.59	ug/Kg	10/11/03	AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467839 **Client Sample ID:** T3 Bottom

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:15

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst
8260B	Dibromochloromethane	ND	50	250.0	0.44	ug/Kg	10/11/03 AM
8260B	Dibromomethane	ND	50	250.0	0.46	ug/Kg	10/11/03 AM
8260B	Dichlorodifluoromethane	ND	50	250.0	0.16	ug/Kg	10/11/03 AM
8260B	Ethyl benzene	241 J	50	250.0	0.41	ug/Kg	10/11/03 AM
8260B	Ethyl methacrylate	ND	50	250.0	1.8	ug/Kg	10/11/03 AM
8260B	Hexachlorobutadiene	ND	50	250.0	0.29	ug/Kg	10/11/03 AM
8260B	Iodomethane	ND	50	250.0	0.6	ug/Kg	10/11/03 AM
8260B	Isopropylbenzene (Cumene)	ND	50	250.0	0.38	ug/Kg	10/11/03 AM
8260B	m and p-Xylene	931	50	250.0	0.67	ug/Kg	10/11/03 AM
8260B	Methacrylonitrile	ND	50	250.0	2.70	ug/Kg	10/11/03 AM
8260B	Methyl methacrylate	ND	50	250.0	0.21	ug/Kg	10/11/03 AM
8260B	Methyl-tert-butylether (MTBE)	1330	50	250.0	0.51	ug/Kg	10/11/03 AM
8260B	Methylene chloride	ND	50	250.0	0.91	ug/Kg	10/11/03 AM
8260B	n-Butylbenzene	ND	50	250.0	0.38	ug/Kg	10/11/03 AM
8260B	n-Propylbenzene	ND	50	250.0	0.32	ug/Kg	10/11/03 AM
8260B	Naphthalene	ND	50	250.0	0.60	ug/Kg	10/11/03 AM
8260B	o-Xylene	423	50	250.0	0.35	ug/Kg	10/11/03 AM
8260B	p-Isopropyltoluene	ND	50	250.0	0.32	ug/Kg	10/11/03 AM
8260B	Pentachloroethane	ND	50	250.0	0.6	ug/Kg	10/11/03 AM
8260B	Propionitrile	ND	50	250.0	5	ug/Kg	10/11/03 AM
8260B	sec-Butylbenzene	ND	50	250.0	0.31	ug/Kg	10/11/03 AM
8260B	Styrene	ND	50	250.0	0.37	ug/Kg	10/11/03 AM
8260B	tert-Butylbenzene	ND	50	250.0	0.41	ug/Kg	10/11/03 AM
8260B	Tetrachloroethene	ND	50	250.0	0.49	ug/Kg	10/11/03 AM
8260B	Toluene	2980	50	250.0	0.42	ug/Kg	10/11/03 AM
8260B	trans-1,2-Dichloroethene	ND	50	250.0	0.48	ug/Kg	10/11/03 AM
8260B	trans-1,3-Dichloropropene	ND	50	250.0	0.44	ug/Kg	10/11/03 AM
8260B	trans-1,4-Dichloro-2-butene	ND	50	250.0	2.35	ug/Kg	10/11/03 AM
8260B	Trichloroethene	ND	50	250.0	0.43	ug/Kg	10/11/03 AM
8260B	Trichlorofluoromethane	ND	50	250.0	0.40	ug/Kg	10/11/03 AM
8260B	Vinyl acetate	ND	50	2500.0	10.2	ug/Kg	10/11/03 AM
8260B	Vinyl chloride	ND	50	250.0	0.47	ug/Kg	10/11/03 AM
8260B	Xylenes, total	1350	50	250.0	0.8	ug/Kg	10/11/03 AM

Surrogates			Units	Control Limits
8260B	Surr1 - Dibromofluoromethane	108	%	70 - 135
8260B	Surr2 - 1,2-Dichloroethane-d4	101	%	70 - 135
8260B	Surr3 - Toluene-d8	102	%	70 - 135
8260B	Surr4 - p-Bromofluorobenzene	107	%	70 - 135

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Order #: 467839 **Client Sample ID:** T3 Bottom

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:15

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8081A	4,4-DDD	ND	1	0.005	0.0006	mg/Kg	10/14/03	SD
8081A	4,4-DDE	ND	1	0.004	0.0007	mg/Kg	10/14/03	SD
8081A	4,4-DDT	ND	1	0.005	0.0009	mg/Kg	10/14/03	SD
8081A	Aldrin	ND	1	0.004	0.0004	mg/Kg	10/14/03	SD
8081A	Alpha BHC	ND	1	0.002	0.0004	mg/Kg	10/14/03	SD
8081A	Beta BHC	ND	1	0.003	0.0004	mg/Kg	10/14/03	SD
8081A	Chlordane	ND	1	0.025	0.025	mg/Kg	10/14/03	SD
8081A	Delta BHC	ND	1	0.005	0.0004	mg/Kg	10/14/03	SD
8081A	Dieldrin	ND	1	0.003	0.0006	mg/Kg	10/14/03	SD
8081A	Endosulfan I	ND	1	0.004	0.0004	mg/Kg	10/14/03	SD
8081A	Endosulfan II	ND	1	0.004	0.0007	mg/Kg	10/14/03	SD
8081A	Endosulfan sulfate	ND	1	0.004	0.0005	mg/Kg	10/14/03	SD
8081A	Endrin	ND	1	0.004	0.0007	mg/Kg	10/14/03	SD
8081A	Endrin aldehyde	ND	1	0.004	0.0006	mg/Kg	10/14/03	SD
8081A	Heptachlor	ND	1	0.004	0.0021	mg/Kg	10/14/03	SD
8081A	Heptachlor epoxide	ND	1	0.003	0.0003	mg/Kg	10/14/03	SD
8081A	Lindane	ND	1	0.003	0.0004	mg/Kg	10/14/03	SD
8081A	Methoxychlor	ND	1	0.025	0.0045	mg/Kg	10/14/03	SD
8082	PCB-1016	ND	1	0.03	0.003	mg/Kg	10/14/03	RB
8082	PCB-1221	ND	1	0.06	0.006	mg/Kg	10/14/03	RB
8082	PCB-1232	ND	1	0.05	0.004	mg/Kg	10/14/03	RB
8082	PCB-1242	ND	1	0.05	0.002	mg/Kg	10/14/03	RB
8082	PCB-1248	ND	1	0.08	0.008	mg/Kg	10/14/03	RB
8082	PCB-1254	ND	1	0.03	0.001	mg/Kg	10/14/03	RB
8082	PCB-1260	ND	1	0.03	0.002	mg/Kg	10/14/03	RB
8081A	Toxaphene	ND	1	0.250	0.250	mg/Kg	10/14/03	SD

Surrogates				Units	Control Limits
8082	DCB(Sur)	14	S	%	50 - 135
8081A	DCB(Sur2)	27	S	%	55 - 135
8081A	TCMX (Sur1)	65		%	50 - 125

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Order #: 467840 **Client Sample ID:** T3 Composite

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:26

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
6010B	Antimony	1.31	J	1	3.0	0.62	mg/Kg	10/10/03	KN
6010B	Arsenic	12.7		1	1.0	0.72	mg/Kg	10/10/03	KN
6010B	Barium	334		1	1.0	0.05	mg/Kg	10/10/03	KN
6010B	Beryllium	ND		1	0.5	0.16	mg/Kg	10/10/03	KN
6010B	Cadmium	5.27		1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Chromium	21.2		1	1.0	0.14	mg/Kg	10/10/03	KN
6010B	Cobalt	2.58		1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Copper	908		1	1.0	0.10	mg/Kg	10/10/03	KN
1311/6010	Copper TCLP	0.044	J	1	0.05	0.002	mg/L	10/15/03	KN
6010B	Lead	1760		1	0.5	0.16	mg/Kg	10/10/03	KN
1311/6010	Lead TCLP	7.38		1	0.05	0.002	mg/L	10/15/03	KN
6010B	Molybdenum	6.24		1	1.0	0.38	mg/Kg	10/10/03	KN
6010B	Nickel	23.9		1	1.5	0.29	mg/Kg	10/10/03	KN
6010B	Selenium	0.995	J	1	1.0	0.55	mg/Kg	10/10/03	KN
6010B	Silver	0.798		1	0.5	0.12	mg/Kg	10/10/03	KN
6010B	Thallium	ND		1	1.0	0.33	mg/Kg	10/10/03	KN
6010B	Vanadium	17.1		1	0.5	0.17	mg/Kg	10/10/03	KN
6010B	Zinc	477		1	5.0	0.07	mg/Kg	10/10/03	KN
1010	Ignitability by PM Closed Cup N	65		1			deg F	10/27/03	HK
7471A	Mercury	1.49		1	0.14	0.015	mg/Kg	10/08/03	MDJ
418.1	Total Recoverable Petroleum Hy	288000		30	300.0	10	mg/Kg	10/08/03	TN
8270C	1,2,4-Trichlorobenzene	ND		5	1665.0	32.1	ug/Kg	10/07/03	DP
8270C	1,2-Dichlorobenzene	ND		5	1665.0	69.1	ug/Kg	10/07/03	DP
8270C	1,3-Dichlorobenzene	ND		5	1665.0	133.5	ug/Kg	10/07/03	DP
8270C	1,4-Dichlorobenzene	ND		5	1665.0	58.0	ug/Kg	10/07/03	DP
8270C	2,4,5-Trichlorophenol	ND		5	8325.0	33.6	ug/Kg	10/07/03	DP
8270C	2,4,6-Trichlorophenol	ND		5	8325.0	31.9	ug/Kg	10/07/03	DP
8270C	2,4-Dichlorophenol	ND		5	1665.0	35.3	ug/Kg	10/07/03	DP
8270C	2,4-Dimethylphenol	ND		5	1665.0	37.1	ug/Kg	10/07/03	DP
8270C	2,4-Dinitrophenol	ND		5	8325.0	60.5	ug/Kg	10/07/03	DP
8270C	2,4-Dinitrotoluene	ND		5	1665.0	58.4	ug/Kg	10/07/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
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Order #: 467840 **Client Sample ID:** T3 Composite

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:26

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	2,6-Dinitrotoluene	ND	5	1665.0	50.4	ug/Kg	10/07/03	DP
8270C	2-Chloronaphthalene	ND	5	1665.0	18.2	ug/Kg	10/07/03	DP
8270C	2-Chlorophenol	ND	5	1665.0	230.8	ug/Kg	10/07/03	DP
8270C	2-Methylnaphthalene	ND	5	1665.0	31.6	ug/Kg	10/07/03	DP
8270C	2-Methylphenol	ND	5	1665.0	194.3	ug/Kg	10/07/03	DP
8270C	2-Nitroaniline	ND	5	8325.0	30.8	ug/Kg	10/07/03	DP
8270C	2-Nitrophenol	ND	5	1665.0	63.4	ug/Kg	10/07/03	DP
8270C	3,3-Dichlorobenzidine	ND	5	1665.0	52.3	ug/Kg	10/07/03	DP
8270C	3-Methylphenol	ND	5	1665.0	211.4	ug/Kg	10/07/03	DP
8270C	3-Nitroaniline	ND	5	8325.0	31.1	ug/Kg	10/07/03	DP
8270C	4,6-Dinitro-2-methylphenol	ND	5	8325.0	44.9	ug/Kg	10/07/03	DP
8270C	4-Bromophenyl-phenylether	ND	5	1665.0	29.6	ug/Kg	10/07/03	DP
8270C	4-Chloro-3-methylphenol	ND	5	1665.0	48.8	ug/Kg	10/07/03	DP
8270C	4-Chloroaniline	ND	5	1665.0	19.2	ug/Kg	10/07/03	DP
8270C	4-Chlorophenyl-phenylether	ND	5	1665.0	38.1	ug/Kg	10/07/03	DP
8270C	4-Methylphenol	ND	5	1665.0	211.4	ug/Kg	10/07/03	DP
8270C	4-Nitroaniline	ND	5	8325.0	134.9	ug/Kg	10/07/03	DP
8270C	4-Nitrophenol	ND	5	8325.0	84.8	ug/Kg	10/07/03	DP
8270C	Acenaphthene	ND	5	1665.0	17.4	ug/Kg	10/07/03	DP
8270C	Acenaphthylene	ND	5	1665.0	14.8	ug/Kg	10/07/03	DP
8270C	Anthracene	ND	5	1665.0	9.9	ug/Kg	10/07/03	DP
8270C	Benzidine	ND	5	1665.0	260	ug/Kg	10/07/03	DP
8270C	Benzo(a)anthracene	ND	5	1665.0	26.2	ug/Kg	10/07/03	DP
8270C	Benzo(a)pyrene	ND	5	1665.0	20.0	ug/Kg	10/07/03	DP
8270C	Benzo(b)fluoranthene	ND	5	1665.0	29.9	ug/Kg	10/07/03	DP
8270C	Benzo(g,h,i)perylene	ND	5	1665.0	13.9	ug/Kg	10/07/03	DP
8270C	Benzo(k)fluoranthene	ND	5	1665.0	23.7	ug/Kg	10/07/03	DP
8270C	Benzoic Acid	ND	5	1665.0	70.0	ug/Kg	10/07/03	DP
8270C	Benzyl alcohol	ND	5	1665.0	197.0	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroethoxy)methane	ND	5	1665.0	22.6	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroethyl)ether	ND	5	1665.0	291.5	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroisopropyl) ether	ND	5	1665.0	275.3	ug/Kg	10/07/03	DP
8270C	bis(2-Ethylhexyl)phthalate	ND	5	1665.0	36.1	ug/Kg	10/07/03	DP
8270C	Butylbenzylphthalate	ND	5	1665.0	25.9	ug/Kg	10/07/03	DP
8270C	Chrysene	ND	5	1665.0	38.0	ug/Kg	10/07/03	DP
8270C	Di-n-butylphthalate	ND	5	1665.0	30.7	ug/Kg	10/07/03	DP
8270C	Di-n-octylphthalate	ND	5	1665.0	66.3	ug/Kg	10/07/03	DP
8270C	Dibenz(a,h)anthracene	ND	5	1665.0	32.3	ug/Kg	10/07/03	DP
8270C	Dibenzofuran	ND	5	1665.0	16.4	ug/Kg	10/07/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
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Order #: 467840 **Client Sample ID:** T3 Composite

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:26

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	Diethylphthalate	ND	5	1665.0	43.8	ug/Kg	10/07/03	DP
8270C	Dimethylphthalate	ND	5	1665.0	28.6	ug/Kg	10/07/03	DP
8270C	Fluoranthene	ND	5	1665.0	28.2	ug/Kg	10/07/03	DP
8270C	Fluorene	ND	5	1665.0	19.3	ug/Kg	10/07/03	DP
8270C	Hexachlorobenzene	ND	5	1665.0	49.4	ug/Kg	10/07/03	DP
8270C	Hexachlorobutadiene	ND	5	1665.0	40.1	ug/Kg	10/07/03	DP
8270C	Hexachlorocyclopentadiene	ND	5	1665.0	48.3	ug/Kg	10/07/03	DP
8270C	Hexachloroethane	ND	5	1665.0	180.8	ug/Kg	10/07/03	DP
8270C	Indeno(1,2,3-c,d)pyrene	ND	5	1665.0	36.1	ug/Kg	10/07/03	DP
8270C	Isophorone	ND	5	1665.0	30.4	ug/Kg	10/07/03	DP
8270C	N-Nitroso-di-n-propylamine	ND	5	1665.0	221.8	ug/Kg	10/07/03	DP
8270C	N-Nitrosodiphenylamine	ND	5	1665.0	29.1	ug/Kg	10/07/03	DP
8270C	Naphthalene	ND	5	1665.0	15.6	ug/Kg	10/07/03	DP
8270C	Nitrobenzene	ND	5	1665.0	60.6	ug/Kg	10/07/03	DP
8270C	Pentachlorophenol	ND	5	8325.0	38.0	ug/Kg	10/07/03	DP
8270C	Phenanthrene	ND	5	1665.0	19.4	ug/Kg	10/07/03	DP
8270C	Phenol	ND	5	1665.0	229.8	ug/Kg	10/07/03	DP
8270C	Pyrene	ND	5	1665.0	28.2	ug/Kg	10/07/03	DP

Surrogates			Units	Control Limits
8270C	2,4,6-Tribromophenol (sur)	13 S	%	17 - 122
8270C	2-Fluorobiphenyl (sur)	92	%	30 - 115
8270C	2-Fluorophenol (sur)	36	%	25 - 121
8270C	Nitrobenzene-d5 (sur)	69	%	23 - 120
8270C	Phenol-d5 (sur)	26	%	24 - 113
8270C	Terphenyl-d14 (sur)	91	%	18 - 137

8260B	1,1,1,2-Tetrachloroethane	ND	123	615.0	2.19	ug/Kg	10/11/03	AM
8260B	1,1,1-Trichloroethane	ND	123	615.0	0.47	ug/Kg	10/11/03	AM
8260B	1,1,2,2-Tetrachloroethane	ND	123	615.0	0.50	ug/Kg	10/11/03	AM
8260B	1,1,2-Trichloroethane	ND	123	615.0	0.57	ug/Kg	10/11/03	AM
8260B	1,1,2-Trichlorotrifluoroethane	ND	123	615.0	0.10	ug/Kg	10/11/03	AM
8260B	1,1-Dichloroethane	ND	123	615.0	0.74	ug/Kg	10/11/03	AM
8260B	1,1-Dichloroethene	ND	123	615.0	0.43	ug/Kg	10/11/03	AM
8260B	1,1-Dichloropropene	ND	123	615.0	1.30	ug/Kg	10/11/03	AM
8260B	1,2,3-Trichlorobenzene	ND	123	615.0	0.54	ug/Kg	10/11/03	AM
8260B	1,2,3-Trichloropropane	ND	123	615.0	0.65	ug/Kg	10/11/03	AM
8260B	1,2,4-Trichlorobenzene	ND	123	615.0	0.54	ug/Kg	10/11/03	AM

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Order #: 467840 **Client Sample ID:** T3 Composite

Matrix: SOLID

Date Sampled: 10/02/2003
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Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst
8260B	1,2,4-Trimethylbenzene	76900	123	615.0	0.60	ug/Kg	10/11/03 AM
8260B	1,2-Dibromo-3-chloropropane	ND	123	615.0	1.92	ug/Kg	10/11/03 AM
8260B	1,2-Dibromoethane	ND	123	615.0	0.43	ug/Kg	10/11/03 AM
8260B	1,2-Dichlorobenzene	ND	123	615.0	0.45	ug/Kg	10/11/03 AM
8260B	1,2-Dichloroethane	ND	123	615.0	0.59	ug/Kg	10/11/03 AM
8260B	1,2-Dichloropropane	ND	123	615.0	0.58	ug/Kg	10/11/03 AM
8260B	1,3,5-Trimethylbenzene	25100	123	615.0	0.55	ug/Kg	10/11/03 AM
8260B	1,3-Dichlorobenzene	ND	123	615.0	0.44	ug/Kg	10/11/03 AM
8260B	1,3-Dichloropropane	ND	123	615.0	0.51	ug/Kg	10/11/03 AM
8260B	1,4-Dichlorobenzene	ND	123	615.0	0.46	ug/Kg	10/11/03 AM
8260B	1,4-Dioxane	ND	123	24600.0	200	ug/Kg	10/11/03 AM
8260B	1-Chlorohexane	ND	123	615.0	0.38	ug/Kg	10/11/03 AM
8260B	2,2-Dichloropropane	ND	123	615.0	0.47	ug/Kg	10/11/03 AM
8260B	2-Butanone (MEK)	ND	123	12300.0	0.98	ug/Kg	10/11/03 AM
8260B	2-Chloroethyl vinyl ether	ND	123	615.0	0.46	ug/Kg	10/11/03 AM
8260B	2-Chlorotoluene	ND	123	615.0	0.92	ug/Kg	10/11/03 AM
8260B	2-Hexanone	ND	123	615.0	4.7	ug/Kg	10/11/03 AM
8260B	4-Chlorotoluene	ND	123	615.0	0.52	ug/Kg	10/11/03 AM
8260B	4-Methyl -2- Pentanone	ND	123	615.0	0.49	ug/Kg	10/11/03 AM
8260B	Acetone	ND	123	6150.0	3.81	ug/Kg	10/11/03 AM
8260B	Acetonitrile	ND	123	615.0	0.7	ug/Kg	10/11/03 AM
8260B	Acrolein	ND	123	24600.0	172	ug/Kg	10/11/03 AM
8260B	Acrylonitrile	ND	123	615.0	1.3	ug/Kg	10/11/03 AM
8260B	Allyl chloride	ND	123	615.0	0.4	ug/Kg	10/11/03 AM
8260B	Benzene	3570	123	615.0	0.39	ug/Kg	10/11/03 AM
1311/8260	Benzene TCLP	1.1	100	0.5	0.00008	mg/L	10/25/03 AM
8260B	Benzyl chloride	ND	123	615.0	0.38	ug/Kg	10/11/03 AM
8260B	Bromobenzene	ND	123	615.0	0.65	ug/Kg	10/11/03 AM
8260B	Bromochloromethane	ND	123	615.0	0.36	ug/Kg	10/11/03 AM
8260B	Bromodichloromethane	ND	123	615.0	0.48	ug/Kg	10/11/03 AM
8260B	Bromoform	ND	123	615.0	0.53	ug/Kg	10/11/03 AM
8260B	Bromomethane	ND	123	615.0	2.07	ug/Kg	10/11/03 AM
8260B	Carbon Disulfide	ND	123	615.0	0.8	ug/Kg	10/11/03 AM
8260B	Carbon tetrachloride	ND	123	615.0	0.40	ug/Kg	10/11/03 AM
8260B	Chlorobenzene	ND	123	615.0	0.42	ug/Kg	10/11/03 AM
8260B	Chloroethane	ND	123	615.0	1.1	ug/Kg	10/11/03 AM
8260B	Chloroform	ND	123	615.0	0.46	ug/Kg	10/11/03 AM
8260B	Chloromethane	ND	123	615.0	0.25	ug/Kg	10/11/03 AM
8260B	cis-1,2-Dichloroethene	ND	123	615.0	0.79	ug/Kg	10/11/03 AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467840 **Client Sample ID:** T3 Composite

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:26

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
8260B	cis-1,3-Dichloropropene	ND		123	615.0	0.38	ug/Kg	10/11/03	AM
8260B	cis-1,4-Dichloro-2-butene	ND		123	615.0	0.59	ug/Kg	10/11/03	AM
8260B	Dibromochloromethane	ND		123	615.0	0.44	ug/Kg	10/11/03	AM
8260B	Dibromomethane	ND		123	615.0	0.46	ug/Kg	10/11/03	AM
8260B	Dichlorodifluoromethane	ND		123	615.0	0.16	ug/Kg	10/11/03	AM
8260B	Ethyl benzene	20100		123	615.0	0.41	ug/Kg	10/11/03	AM
8260B	Ethyl methacrylate	ND		123	615.0	1.8	ug/Kg	10/11/03	AM
8260B	Hexachlorobutadiene	ND		123	615.0	0.29	ug/Kg	10/11/03	AM
8260B	Iodomethane	ND		123	615.0	0.6	ug/Kg	10/11/03	AM
8260B	Isopropylbenzene (Cumene)	6000		123	615.0	0.38	ug/Kg	10/11/03	AM
8260B	m and p-Xylene	77600		123	615.0	0.67	ug/Kg	10/11/03	AM
8260B	Methacrylonitrile	ND		123	615.0	2.70	ug/Kg	10/11/03	AM
8260B	Methyl methacrylate	ND		123	615.0	0.21	ug/Kg	10/11/03	AM
8260B	Methyl-tert-butylether (MTBE)	1060		123	615.0	0.51	ug/Kg	10/11/03	AM
8260B	Methylene chloride	ND		123	615.0	0.91	ug/Kg	10/11/03	AM
8260B	n-Butylbenzene	13700		123	615.0	0.38	ug/Kg	10/11/03	AM
8260B	n-Propylbenzene	9910		123	615.0	0.32	ug/Kg	10/11/03	AM
8260B	Naphthalene	27800		123	615.0	0.60	ug/Kg	10/11/03	AM
8260B	o-Xylene	28500		123	615.0	0.35	ug/Kg	10/11/03	AM
8260B	p-Isopropyltoluene	7100		123	615.0	0.32	ug/Kg	10/11/03	AM
8260B	Pentachloroethane	ND		123	615.0	0.6	ug/Kg	10/11/03	AM
8260B	Propionitrile	ND		123	615.0	5	ug/Kg	10/11/03	AM
8260B	sec-Butylbenzene	ND		123	615.0	0.31	ug/Kg	10/11/03	AM
8260B	Styrene	ND		123	615.0	0.37	ug/Kg	10/11/03	AM
8260B	tert-Butylbenzene	ND		123	615.0	0.41	ug/Kg	10/11/03	AM
8260B	Tetrachloroethene	1090		123	615.0	0.49	ug/Kg	10/11/03	AM
8260B	Toluene	45700		123	615.0	0.42	ug/Kg	10/11/03	AM
8260B	trans-1,2-Dichloroethene	ND		123	615.0	0.48	ug/Kg	10/11/03	AM
8260B	trans-1,3-Dichloropropene	ND		123	615.0	0.44	ug/Kg	10/11/03	AM
8260B	trans-1,4-Dichloro-2-butene	ND		123	615.0	2.35	ug/Kg	10/11/03	AM
8260B	Trichloroethene	592	J	123	615.0	0.43	ug/Kg	10/11/03	AM
8260B	Trichlorofluoromethane	ND		123	615.0	0.40	ug/Kg	10/11/03	AM
8260B	Vinyl acetate	ND		123	6150.0	10.2	ug/Kg	10/11/03	AM
8260B	Vinyl chloride	ND		123	615.0	0.47	ug/Kg	10/11/03	AM
8260B	Xylenes, total	106000		123	615.0	0.8	ug/Kg	10/11/03	AM

Surrogates			Units	Control Limits
8260B	Surr1 - Dibromofluoromethane	96	%	70 - 135
8260B	Surr2 - 1,2-Dichloroethane-d4	91	%	70 - 135

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467840 **Client Sample ID:** T3 Composite

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:26

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8260B	Surr3 - Toluene-d8	96				%	70 - 135	
8260B	Surr4 - p-Bromofluorobenzene	0 S				%	70 - 135	
8081A	4,4-DDD	ND	20	0.1	0.0006	mg/Kg	10/14/03	RB
8081A	4,4-DDE	ND	20	0.08	0.0007	mg/Kg	10/14/03	RB
8081A	4,4-DDT	ND	20	0.1	0.0009	mg/Kg	10/14/03	RB
8081A	Aldrin	ND	20	0.08	0.0004	mg/Kg	10/14/03	RB
8081A	Alpha BHC	ND	20	0.04	0.0004	mg/Kg	10/14/03	RB
8081A	Beta BHC	ND	20	0.06	0.0004	mg/Kg	10/14/03	RB
8081A	Chlordane	ND	20	0.5	0.025	mg/Kg	10/14/03	RB
8081A	Delta BHC	ND	20	0.1	0.0004	mg/Kg	10/14/03	RB
8081A	Dieldrin	ND	20	0.06	0.0006	mg/Kg	10/14/03	RB
8081A	Endosulfan I	ND	20	0.08	0.0004	mg/Kg	10/14/03	RB
8081A	Endosulfan II	ND	20	0.08	0.0007	mg/Kg	10/14/03	RB
8081A	Endosulfan sulfate	ND	20	0.08	0.0005	mg/Kg	10/14/03	RB
8081A	Endrin	ND	20	0.08	0.0007	mg/Kg	10/14/03	RB
8081A	Endrin aldehyde	ND	20	0.08	0.0006	mg/Kg	10/14/03	RB
8081A	Heptachlor	ND	20	0.08	0.0021	mg/Kg	10/14/03	RB
8081A	Heptachlor epoxide	ND	20	0.06	0.0003	mg/Kg	10/14/03	RB
8081A	Lindane	ND	20	0.06	0.0004	mg/Kg	10/14/03	RB
8081A	Methoxychlor	ND	20	0.5	0.0045	mg/Kg	10/14/03	RB
8082	PCB-1016	ND	20	0.6	0.003	mg/Kg	10/13/03	RB
8082	PCB-1221	ND	20	1.2	0.006	mg/Kg	10/13/03	RB
8082	PCB-1232	ND	20	1.0	0.004	mg/Kg	10/13/03	RB
8082	PCB-1242	ND	20	1.0	0.002	mg/Kg	10/13/03	RB
8082	PCB-1248	ND	20	1.6	0.008	mg/Kg	10/13/03	RB
8082	PCB-1254	ND	20	0.6	0.001	mg/Kg	10/13/03	RB
8082	PCB-1260	ND	20	0.6	0.002	mg/Kg	10/13/03	RB
8081A	Toxaphene	ND	20	5.0	0.250	mg/Kg	10/14/03	RB

Surrogates			Units	Control Limits
8082	DCB(Sur)	17 S	%	50 - 135
8081A	DCB(Sur2)	115	%	55 - 135
8081A	TCMX (Sur1)	94	%	50 - 125

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467841 **Client Sample ID:** T2 Solid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:29

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
6010B	Antimony	16.7	1	3.0	0.62	mg/Kg	10/10/03	KN
6010B	Arsenic	45.7	1	1.0	0.72	mg/Kg	10/10/03	KN
6010B	Barium	1010	1	1.0	0.05	mg/Kg	10/10/03	KN
6010B	Beryllium	0.539	1	0.5	0.16	mg/Kg	10/10/03	KN
6010B	Cadmium	8.17	1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Chromium	498	1	1.0	0.14	mg/Kg	10/10/03	KN
1311/6010	Chromium TCLP	ND	1	0.05	0.002	mg/L	10/15/03	KN
6010B	Cobalt	36.6	1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Copper	1140	1	1.0	0.10	mg/Kg	10/10/03	KN
1311/6010	Copper TCLP	2.68	1	0.05	0.002	mg/L	10/15/03	KN
6010B	Lead	2070	1	0.5	0.16	mg/Kg	10/10/03	KN
1311/6010	Lead TCLP	1.63	1	0.05	0.002	mg/L	10/15/03	KN
6010B	Molybdenum	117	1	1.0	0.38	mg/Kg	10/10/03	KN
6010B	Nickel	294	1	1.5	0.29	mg/Kg	10/10/03	KN
1311/6010	Nickel TCLP	0.408	1	0.05	0.002	mg/L	10/15/03	KN
6010B	Selenium	6.68	1	1.0	0.55	mg/Kg	10/10/03	KN
6010B	Silver	2.25	1	0.5	0.12	mg/Kg	10/10/03	KN
6010B	Thallium	ND	1	1.0	0.33	mg/Kg	10/10/03	KN
6010B	Vanadium	241	1	0.5	0.17	mg/Kg	10/10/03	KN
6010B	Zinc	1850	1	5.0	0.07	mg/Kg	10/10/03	KN
1030	Ignitability of Solids	Passes	1			P/F	10/27/03	HK
7471A	Mercury	11.85	10	1.4	0.015	mg/Kg	10/08/03	MDJ
1311/7470	Mercury TCLP	ND	1	0.01	0.004	mg/L	10/21/03	MDJ
418.1	Total Recoverable Petroleum Hy	43200	30	300.0	10	mg/Kg	10/08/03	TN
8270C	1,2,4-Trichlorobenzene	ND	10	3330.0	32.1	ug/Kg	10/07/03	DP
8270C	1,2-Dichlorobenzene	ND	10	3330.0	69.1	ug/Kg	10/07/03	DP
8270C	1,3-Dichlorobenzene	ND	10	3330.0	133.5	ug/Kg	10/07/03	DP
8270C	1,4-Dichlorobenzene	ND	10	3330.0	58.0	ug/Kg	10/07/03	DP
8270C	2,4,5-Trichlorophenol	ND	10	16650.0	33.6	ug/Kg	10/07/03	DP
8270C	2,4,6-Trichlorophenol	ND	10	16650.0	31.9	ug/Kg	10/07/03	DP
8270C	2,4-Dichlorophenol	ND	10	3330.0	35.3	ug/Kg	10/07/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467841 **Client Sample ID:** T2 Solid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:29

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	2,4-Dimethylphenol	ND	10	3330.0	37.1	ug/Kg	10/07/03	DP
8270C	2,4-Dinitrophenol	ND	10	16650.0	60.5	ug/Kg	10/07/03	DP
8270C	2,4-Dinitrotoluene	ND	10	3330.0	58.4	ug/Kg	10/07/03	DP
8270C	2,6-Dinitrotoluene	ND	10	3330.0	50.4	ug/Kg	10/07/03	DP
8270C	2-Chloronaphthalene	ND	10	3330.0	18.2	ug/Kg	10/07/03	DP
8270C	2-Chlorophenol	ND	10	3330.0	230.8	ug/Kg	10/07/03	DP
8270C	2-Methylnaphthalene	ND	10	3330.0	31.6	ug/Kg	10/07/03	DP
8270C	2-Methylphenol	ND	10	3330.0	194.3	ug/Kg	10/07/03	DP
8270C	2-Nitroaniline	ND	10	16650.0	30.8	ug/Kg	10/07/03	DP
8270C	2-Nitrophenol	ND	10	3330.0	63.4	ug/Kg	10/07/03	DP
8270C	3,3-Dichlorobenzidine	ND	10	3330.0	52.3	ug/Kg	10/07/03	DP
8270C	3-Methylphenol	ND	10	3330.0	211.4	ug/Kg	10/07/03	DP
8270C	3-Nitroaniline	ND	10	16650.0	31.1	ug/Kg	10/07/03	DP
8270C	4,6-Dinitro-2-methylphenol	ND	10	16650.0	44.9	ug/Kg	10/07/03	DP
8270C	4-Bromophenyl-phenylether	ND	10	3330.0	29.6	ug/Kg	10/07/03	DP
8270C	4-Chloro-3-methylphenol	ND	10	3330.0	48.8	ug/Kg	10/07/03	DP
8270C	4-Chloroaniline	ND	10	3330.0	19.2	ug/Kg	10/07/03	DP
8270C	4-Chlorophenyl-phenylether	ND	10	3330.0	38.1	ug/Kg	10/07/03	DP
8270C	4-Methylphenol	ND	10	3330.0	211.4	ug/Kg	10/07/03	DP
8270C	4-Nitroaniline	ND	10	16650.0	134.9	ug/Kg	10/07/03	DP
8270C	4-Nitrophenol	ND	10	16650.0	84.8	ug/Kg	10/07/03	DP
8270C	Acenaphthene	ND	10	3330.0	17.4	ug/Kg	10/07/03	DP
8270C	Acenaphthylene	ND	10	3330.0	14.8	ug/Kg	10/07/03	DP
8270C	Anthracene	ND	10	3330.0	9.9	ug/Kg	10/07/03	DP
8270C	Benzidine	ND	10	3330.0	260	ug/Kg	10/07/03	DP
8270C	Benzo(a)anthracene	ND	10	3330.0	26.2	ug/Kg	10/07/03	DP
8270C	Benzo(a)pyrene	ND	10	3330.0	20.0	ug/Kg	10/07/03	DP
8270C	Benzo(b)fluoranthene	ND	10	3330.0	29.9	ug/Kg	10/07/03	DP
8270C	Benzo(g,h,i)perylene	ND	10	3330.0	13.9	ug/Kg	10/07/03	DP
8270C	Benzo(k)fluoranthene	ND	10	3330.0	23.7	ug/Kg	10/07/03	DP
8270C	Benzoic Acid	ND	10	3330.0	70.0	ug/Kg	10/07/03	DP
8270C	Benzyl alcohol	ND	10	3330.0	197.0	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroethoxy)methane	ND	10	3330.0	22.6	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroethyl)ether	ND	10	3330.0	291.5	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroisopropyl) ether	ND	10	3330.0	275.3	ug/Kg	10/07/03	DP
8270C	bis(2-Ethylhexyl)phthalate	8310	10	3330.0	36.1	ug/Kg	10/07/03	DP
8270C	Butylbenzylphthalate	ND	10	3330.0	25.9	ug/Kg	10/07/03	DP
8270C	Chrysene	9160	10	3330.0	38.0	ug/Kg	10/07/03	DP
8270C	Di-n-butylphthalate	ND	10	3330.0	30.7	ug/Kg	10/07/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467841 **Client Sample ID:** T2 Solid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:29

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	Di-n-octylphthalate	ND	10	3330.0	66.3	ug/Kg	10/07/03	DP
8270C	Dibenz(a,h)anthracene	ND	10	3330.0	32.3	ug/Kg	10/07/03	DP
8270C	Dibenzofuran	ND	10	3330.0	16.4	ug/Kg	10/07/03	DP
8270C	Diethylphthalate	ND	10	3330.0	43.8	ug/Kg	10/07/03	DP
8270C	Dimethylphthalate	ND	10	3330.0	28.6	ug/Kg	10/07/03	DP
8270C	Fluoranthene	ND	10	3330.0	28.2	ug/Kg	10/07/03	DP
8270C	Fluorene	ND	10	3330.0	19.3	ug/Kg	10/07/03	DP
8270C	Hexachlorobenzene	ND	10	3330.0	49.4	ug/Kg	10/07/03	DP
8270C	Hexachlorobutadiene	ND	10	3330.0	40.1	ug/Kg	10/07/03	DP
8270C	Hexachlorocyclopentadiene	ND	10	3330.0	48.3	ug/Kg	10/07/03	DP
8270C	Hexachloroethane	ND	10	3330.0	180.8	ug/Kg	10/07/03	DP
8270C	Indeno(1,2,3-c,d)pyrene	ND	10	3330.0	36.1	ug/Kg	10/07/03	DP
8270C	Isophorone	ND	10	3330.0	30.4	ug/Kg	10/07/03	DP
8270C	N-Nitroso-di-n-propylamine	ND	10	3330.0	221.8	ug/Kg	10/07/03	DP
8270C	N-Nitrosodiphenylamine	ND	10	3330.0	29.1	ug/Kg	10/07/03	DP
8270C	Naphthalene	ND	10	3330.0	15.6	ug/Kg	10/07/03	DP
8270C	Nitrobenzene	ND	10	3330.0	60.6	ug/Kg	10/07/03	DP
8270C	Pentachlorophenol	ND	10	16650.0	38.0	ug/Kg	10/07/03	DP
8270C	Phenanthrene	16300	10	3330.0	19.4	ug/Kg	10/07/03	DP
8270C	Phenol	ND	10	3330.0	229.8	ug/Kg	10/07/03	DP
8270C	Pyrene	ND	10	3330.0	28.2	ug/Kg	10/07/03	DP

Surrogates			Units	Control Limits
8270C	2,4,6-Tribromophenol (sur)	64	%	17 - 122
8270C	2-Fluorobiphenyl (sur)	101	%	30 - 115
8270C	2-Fluorophenol (sur)	51	%	25 - 121
8270C	Nitrobenzene-d5 (sur)	75	%	23 - 120
8270C	Phenol-d5 (sur)	34	%	24 - 113
8270C	Terphenyl-d14 (sur)	98	%	18 - 137

8260B	1,1,1,2-Tetrachloroethane	ND	10	50.0	2.19	ug/Kg	10/09/03	AM
8260B	1,1,1-Trichloroethane	ND	10	50.0	0.47	ug/Kg	10/09/03	AM
8260B	1,1,2,2-Tetrachloroethane	ND	10	50.0	0.50	ug/Kg	10/09/03	AM
8260B	1,1,2-Trichloroethane	ND	10	50.0	0.57	ug/Kg	10/09/03	AM
8260B	1,1,2-Trichlorotrifluoroethane	ND	10	50.0	0.10	ug/Kg	10/09/03	AM
8260B	1,1-Dichloroethane	ND	10	50.0	0.74	ug/Kg	10/09/03	AM
8260B	1,1-Dichloroethene	ND	10	50.0	0.43	ug/Kg	10/09/03	AM
8260B	1,1-Dichloropropene	ND	10	50.0	1.30	ug/Kg	10/09/03	AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467841 **Client Sample ID:** T2 Solid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:29

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst
8260B	1,2,3-Trichlorobenzene	ND	10	50.0	0.54	ug/Kg	10/09/03 AM
8260B	1,2,3-Trichloropropane	ND	10	50.0	0.65	ug/Kg	10/09/03 AM
8260B	1,2,4-Trichlorobenzene	ND	10	50.0	0.54	ug/Kg	10/09/03 AM
8260B	1,2,4-Trimethylbenzene	51	10	50.0	0.60	ug/Kg	10/09/03 AM
8260B	1,2-Dibromo-3-chloropropane	ND	10	50.0	1.92	ug/Kg	10/09/03 AM
8260B	1,2-Dibromoethane	ND	10	50.0	0.43	ug/Kg	10/09/03 AM
8260B	1,2-Dichlorobenzene	ND	10	50.0	0.45	ug/Kg	10/09/03 AM
8260B	1,2-Dichloroethane	ND	10	50.0	0.59	ug/Kg	10/09/03 AM
8260B	1,2-Dichloropropane	ND	10	50.0	0.58	ug/Kg	10/09/03 AM
8260B	1,3,5-Trimethylbenzene	18 J	10	50.0	0.55	ug/Kg	10/09/03 AM
8260B	1,3-Dichlorobenzene	ND	10	50.0	0.44	ug/Kg	10/09/03 AM
8260B	1,3-Dichloropropane	ND	10	50.0	0.51	ug/Kg	10/09/03 AM
8260B	1,4-Dichlorobenzene	ND	10	50.0	0.46	ug/Kg	10/09/03 AM
8260B	1,4-Dioxane	ND	10	2000.0	200	ug/Kg	10/09/03 AM
8260B	1-Chlorohexane	ND	10	50.0	0.38	ug/Kg	10/09/03 AM
8260B	2,2-Dichloropropane	ND	10	50.0	0.47	ug/Kg	10/09/03 AM
8260B	2-Butanone (MEK)	ND	10	1000.0	0.98	ug/Kg	10/09/03 AM
8260B	2-Chloroethyl vinyl ether	ND	10	50.0	0.46	ug/Kg	10/09/03 AM
8260B	2-Chlorotoluene	ND	10	50.0	0.92	ug/Kg	10/09/03 AM
8260B	2-Hexanone	ND	10	50.0	4.7	ug/Kg	10/09/03 AM
8260B	4-Chlorotoluene	ND	10	50.0	0.52	ug/Kg	10/09/03 AM
8260B	4-Methyl -2- Pentanone	ND	10	50.0	0.49	ug/Kg	10/09/03 AM
8260B	Acetone	ND	10	500.0	3.81	ug/Kg	10/09/03 AM
8260B	Acetonitrile	ND	10	50.0	0.7	ug/Kg	10/09/03 AM
8260B	Acrolein	ND	10	2000.0	172	ug/Kg	10/09/03 AM
8260B	Acrylonitrile	ND	10	50.0	1.3	ug/Kg	10/09/03 AM
8260B	Allyl chloride	ND	10	50.0	0.4	ug/Kg	10/09/03 AM
8260B	Benzene	ND	10	50.0	0.39	ug/Kg	10/09/03 AM
8260B	Benzyl chloride	ND	10	50.0	0.38	ug/Kg	10/09/03 AM
8260B	Bromobenzene	ND	10	50.0	0.65	ug/Kg	10/09/03 AM
8260B	Bromochloromethane	ND	10	50.0	0.36	ug/Kg	10/09/03 AM
8260B	Bromodichloromethane	ND	10	50.0	0.48	ug/Kg	10/09/03 AM
8260B	Bromoform	ND	10	50.0	0.53	ug/Kg	10/09/03 AM
8260B	Bromomethane	ND	10	50.0	2.07	ug/Kg	10/09/03 AM
8260B	Carbon Disulfide	ND	10	50.0	0.8	ug/Kg	10/09/03 AM
8260B	Carbon tetrachloride	ND	10	50.0	0.40	ug/Kg	10/09/03 AM
8260B	Chlorobenzene	ND	10	50.0	0.42	ug/Kg	10/09/03 AM
8260B	Chloroethane	ND	10	50.0	1.1	ug/Kg	10/09/03 AM
8260B	Chloroform	ND	10	50.0	0.46	ug/Kg	10/09/03 AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467841 **Client Sample ID:** T2 Solid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:29

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
8260B	Chloromethane	ND		10	50.0	0.25	ug/Kg	10/09/03	AM
8260B	cis-1,2-Dichloroethene	ND		10	50.0	0.79	ug/Kg	10/09/03	AM
8260B	cis-1,3-Dichloropropene	ND		10	50.0	0.38	ug/Kg	10/09/03	AM
8260B	cis-1,4-Dichloro-2-butene	ND		10	50.0	0.59	ug/Kg	10/09/03	AM
8260B	Dibromochloromethane	ND		10	50.0	0.44	ug/Kg	10/09/03	AM
8260B	Dibromomethane	ND		10	50.0	0.46	ug/Kg	10/09/03	AM
8260B	Dichlorodifluoromethane	ND		10	50.0	0.16	ug/Kg	10/09/03	AM
8260B	Ethyl benzene	1.1	J	10	50.0	0.41	ug/Kg	10/09/03	AM
8260B	Ethyl methacrylate	ND		10	50.0	1.8	ug/Kg	10/09/03	AM
8260B	Hexachlorobutadiene	ND		10	50.0	0.29	ug/Kg	10/09/03	AM
8260B	Iodomethane	ND		10	50.0	0.6	ug/Kg	10/09/03	AM
8260B	Isopropylbenzene (Cumene)	ND		10	50.0	0.38	ug/Kg	10/09/03	AM
8260B	m and p-Xylene	36	J	10	50.0	0.67	ug/Kg	10/09/03	AM
8260B	Methacrylonitrile	ND		10	50.0	2.70	ug/Kg	10/09/03	AM
8260B	Methyl methacrylate	ND		10	50.0	0.21	ug/Kg	10/09/03	AM
8260B	Methyl-tert-butylether (MTBE)	ND		10	50.0	0.51	ug/Kg	10/09/03	AM
8260B	Methylene chloride	ND		10	50.0	0.91	ug/Kg	10/09/03	AM
8260B	n-Butylbenzene	ND		10	50.0	0.38	ug/Kg	10/09/03	AM
8260B	n-Propylbenzene	ND		10	50.0	0.32	ug/Kg	10/09/03	AM
8260B	Naphthalene	ND		10	50.0	0.60	ug/Kg	10/09/03	AM
8260B	o-Xylene	15	J	10	50.0	0.35	ug/Kg	10/09/03	AM
8260B	p-Isopropyltoluene	ND		10	50.0	0.32	ug/Kg	10/09/03	AM
8260B	Pentachloroethane	ND		10	50.0	0.6	ug/Kg	10/09/03	AM
8260B	Propionitrile	ND		10	50.0	5	ug/Kg	10/09/03	AM
8260B	sec-Butylbenzene	ND		10	50.0	0.31	ug/Kg	10/09/03	AM
8260B	Styrene	ND		10	50.0	0.37	ug/Kg	10/09/03	AM
8260B	tert-Butylbenzene	ND		10	50.0	0.41	ug/Kg	10/09/03	AM
8260B	Tetrachloroethene	ND		10	50.0	0.49	ug/Kg	10/09/03	AM
8260B	Toluene	17	J	10	50.0	0.42	ug/Kg	10/09/03	AM
8260B	trans-1,2-Dichloroethene	ND		10	50.0	0.48	ug/Kg	10/09/03	AM
8260B	trans-1,3-Dichloropropene	ND		10	50.0	0.44	ug/Kg	10/09/03	AM
8260B	trans-1,4-Dichloro-2-butene	ND		10	50.0	2.35	ug/Kg	10/09/03	AM
8260B	Trichloroethene	ND		10	50.0	0.43	ug/Kg	10/09/03	AM
8260B	Trichlorofluoromethane	ND		10	50.0	0.40	ug/Kg	10/09/03	AM
8260B	Vinyl acetate	ND		10	500.0	10.2	ug/Kg	10/09/03	AM
8260B	Vinyl chloride	ND		10	50.0	0.47	ug/Kg	10/09/03	AM
8260B	Xylenes, total	51		10	50.0	0.8	ug/Kg	10/09/03	AM

Surrogates **Units** **Control Limits**

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467841 **Client Sample ID:** T2 Solid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 11:29

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8260B	Surr1 - Dibromofluoromethane	110				%	70 - 135	
8260B	Surr2 - 1,2-Dichloroethane-d4	109				%	70 - 135	
8260B	Surr3 - Toluene-d8	109				%	70 - 135	
8260B	Surr4 - p-Bromofluorobenzene	131				%	70 - 135	
8081A	4,4-DDD	ND	1	0.005	0.0006	mg/Kg	10/14/03	RB
8081A	4,4-DDE	ND	1	0.004	0.0007	mg/Kg	10/14/03	RB
8081A	4,4-DDT	ND	1	0.005	0.0009	mg/Kg	10/14/03	RB
8081A	Aldrin	ND	1	0.004	0.0004	mg/Kg	10/14/03	RB
8081A	Alpha BHC	ND	1	0.002	0.0004	mg/Kg	10/14/03	RB
8081A	Beta BHC	ND	1	0.003	0.0004	mg/Kg	10/14/03	RB
8081A	Chlordane	ND	1	0.025	0.025	mg/Kg	10/14/03	RB
8081A	Delta BHC	ND	1	0.005	0.0004	mg/Kg	10/14/03	RB
8081A	Dieldrin	ND	1	0.003	0.0006	mg/Kg	10/14/03	RB
8081A	Endosulfan I	ND	1	0.004	0.0004	mg/Kg	10/14/03	RB
8081A	Endosulfan II	ND	1	0.004	0.0007	mg/Kg	10/14/03	RB
8081A	Endosulfan sulfate	ND	1	0.004	0.0005	mg/Kg	10/14/03	RB
8081A	Endrin	ND	1	0.004	0.0007	mg/Kg	10/14/03	RB
8081A	Endrin aldehyde	ND	1	0.004	0.0006	mg/Kg	10/14/03	RB
8081A	Heptachlor	ND	1	0.004	0.0021	mg/Kg	10/14/03	RB
8081A	Heptachlor epoxide	ND	1	0.003	0.0003	mg/Kg	10/14/03	RB
8081A	Lindane	ND	1	0.003	0.0004	mg/Kg	10/14/03	RB
8081A	Methoxychlor	ND	1	0.025	0.0045	mg/Kg	10/14/03	RB
8082	PCB-1016	ND	1	0.03	0.003	mg/Kg	10/14/03	RB
8082	PCB-1221	ND	1	0.06	0.006	mg/Kg	10/14/03	RB
8082	PCB-1232	ND	1	0.05	0.004	mg/Kg	10/14/03	RB
8082	PCB-1242	ND	1	0.05	0.002	mg/Kg	10/14/03	RB
8082	PCB-1248	ND	1	0.08	0.008	mg/Kg	10/14/03	RB
8082	PCB-1254	ND	1	0.03	0.001	mg/Kg	10/14/03	RB
8082	PCB-1260	0.53	1	0.03	0.002	mg/Kg	10/14/03	RB
8081A	Toxaphene	ND	1	0.250	0.250	mg/Kg	10/14/03	RB

Surrogates			Units	Control Limits
8082	DCB(Sur)	52	%	50 - 135
8081A	DCB(Sur2)	104	%	55 - 135
8081A	TCMX (Sur1)	57	%	50 - 125

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467842 **Client Sample ID:** TB Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
6010B	Antimony	ND		1	3.0	0.62	mg/Kg	10/10/03	KN
6010B	Arsenic	ND		1	1.0	0.72	mg/Kg	10/10/03	KN
6010B	Barium	0.369	J	1	1.0	0.05	mg/Kg	10/10/03	KN
6010B	Beryllium	ND		1	0.5	0.16	mg/Kg	10/10/03	KN
6010B	Cadmium	ND		1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Chromium	0.651	J	1	1.0	0.14	mg/Kg	10/10/03	KN
6010B	Cobalt	0.091	J	1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Copper	0.409	J	1	1.0	0.10	mg/Kg	10/10/03	KN
6010B	Lead	0.574		1	0.5	0.16	mg/Kg	10/10/03	KN
6010B	Molybdenum	1.04		1	1.0	0.38	mg/Kg	10/10/03	KN
6010B	Nickel	0.319	J	1	1.5	0.29	mg/Kg	10/10/03	KN
6010B	Selenium	0.569	J	1	1.0	0.55	mg/Kg	10/10/03	KN
6010B	Silver	0.126	J	1	0.5	0.12	mg/Kg	10/10/03	KN
6010B	Thallium	ND		1	1.0	0.33	mg/Kg	10/10/03	KN
6010B	Vanadium	ND		1	0.5	0.17	mg/Kg	10/10/03	KN
6010B	Zinc	5.64		1	5.0	0.07	mg/Kg	10/10/03	KN
1010	Ignitability by PM Closed Cup N	> 200		1			deg F	10/27/03	HK
7471A	Mercury	ND		1	0.14	0.015	mg/Kg	10/08/03	MDJ
418.1	Total Recoverable Petroleum Hy	105		10	100.0	10	mg/Kg	10/08/03	TN
8270C	1,2,4-Trichlorobenzene	ND		5	1665.0	32.1	ug/Kg	10/07/03	DP
8270C	1,2-Dichlorobenzene	ND		5	1665.0	69.1	ug/Kg	10/07/03	DP
8270C	1,3-Dichlorobenzene	ND		5	1665.0	133.5	ug/Kg	10/07/03	DP
8270C	1,4-Dichlorobenzene	ND		5	1665.0	58.0	ug/Kg	10/07/03	DP
8270C	2,4,5-Trichlorophenol	ND		5	8325.0	33.6	ug/Kg	10/07/03	DP
8270C	2,4,6-Trichlorophenol	ND		5	8325.0	31.9	ug/Kg	10/07/03	DP
8270C	2,4-Dichlorophenol	ND		5	1665.0	35.3	ug/Kg	10/07/03	DP
8270C	2,4-Dimethylphenol	ND		5	1665.0	37.1	ug/Kg	10/07/03	DP
8270C	2,4-Dinitrophenol	ND		5	8325.0	60.5	ug/Kg	10/07/03	DP
8270C	2,4-Dinitrotoluene	ND		5	1665.0	58.4	ug/Kg	10/07/03	DP
8270C	2,6-Dinitrotoluene	ND		5	1665.0	50.4	ug/Kg	10/07/03	DP
8270C	2-Chloronaphthalene	ND		5	1665.0	18.2	ug/Kg	10/07/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467842 **Client Sample ID:** TB Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	2-Chlorophenol	ND	5	1665.0	230.8	ug/Kg	10/07/03	DP
8270C	2-Methylnaphthalene	ND	5	1665.0	31.6	ug/Kg	10/07/03	DP
8270C	2-Methylphenol	ND	5	1665.0	194.3	ug/Kg	10/07/03	DP
8270C	2-Nitroaniline	ND	5	8325.0	30.8	ug/Kg	10/07/03	DP
8270C	2-Nitrophenol	ND	5	1665.0	63.4	ug/Kg	10/07/03	DP
8270C	3,3-Dichlorobenzidine	ND	5	1665.0	52.3	ug/Kg	10/07/03	DP
8270C	3-Methylphenol	ND	5	1665.0	211.4	ug/Kg	10/07/03	DP
8270C	3-Nitroaniline	ND	5	8325.0	31.1	ug/Kg	10/07/03	DP
8270C	4,6-Dinitro-2-methylphenol	ND	5	8325.0	44.9	ug/Kg	10/07/03	DP
8270C	4-Bromophenyl-phenylether	ND	5	1665.0	29.6	ug/Kg	10/07/03	DP
8270C	4-Chloro-3-methylphenol	ND	5	1665.0	48.8	ug/Kg	10/07/03	DP
8270C	4-Chloroaniline	ND	5	1665.0	19.2	ug/Kg	10/07/03	DP
8270C	4-Chlorophenyl-phenylether	ND	5	1665.0	38.1	ug/Kg	10/07/03	DP
8270C	4-Methylphenol	ND	5	1665.0	211.4	ug/Kg	10/07/03	DP
8270C	4-Nitroaniline	ND	5	8325.0	134.9	ug/Kg	10/07/03	DP
8270C	4-Nitrophenol	ND	5	8325.0	84.8	ug/Kg	10/07/03	DP
8270C	Acenaphthene	ND	5	1665.0	17.4	ug/Kg	10/07/03	DP
8270C	Acenaphthylene	ND	5	1665.0	14.8	ug/Kg	10/07/03	DP
8270C	Anthracene	ND	5	1665.0	9.9	ug/Kg	10/07/03	DP
8270C	Benzidine	ND	5	1665.0	260	ug/Kg	10/07/03	DP
8270C	Benzo(a)anthracene	ND	5	1665.0	26.2	ug/Kg	10/07/03	DP
8270C	Benzo(a)pyrene	ND	5	1665.0	20.0	ug/Kg	10/07/03	DP
8270C	Benzo(b)fluoranthene	ND	5	1665.0	29.9	ug/Kg	10/07/03	DP
8270C	Benzo(g,h,i)perylene	ND	5	1665.0	13.9	ug/Kg	10/07/03	DP
8270C	Benzo(k)fluoranthene	ND	5	1665.0	23.7	ug/Kg	10/07/03	DP
8270C	Benzoic Acid	ND	5	1665.0	70.0	ug/Kg	10/07/03	DP
8270C	Benzyl alcohol	ND	5	1665.0	197.0	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroethoxy)methane	ND	5	1665.0	22.6	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroethyl)ether	ND	5	1665.0	291.5	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroisopropyl) ether	ND	5	1665.0	275.3	ug/Kg	10/07/03	DP
8270C	bis(2-Ethylhexyl)phthalate	ND	5	1665.0	36.1	ug/Kg	10/07/03	DP
8270C	Butylbenzylphthalate	ND	5	1665.0	25.9	ug/Kg	10/07/03	DP
8270C	Chrysene	ND	5	1665.0	38.0	ug/Kg	10/07/03	DP
8270C	Di-n-butylphthalate	ND	5	1665.0	30.7	ug/Kg	10/07/03	DP
8270C	Di-n-octylphthalate	ND	5	1665.0	66.3	ug/Kg	10/07/03	DP
8270C	Dibenz(a,h)anthracene	ND	5	1665.0	32.3	ug/Kg	10/07/03	DP
8270C	Dibenzofuran	ND	5	1665.0	16.4	ug/Kg	10/07/03	DP
8270C	Diethylphthalate	ND	5	1665.0	43.8	ug/Kg	10/07/03	DP
8270C	Dimethylphthalate	ND	5	1665.0	28.6	ug/Kg	10/07/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467842 **Client Sample ID:** TB Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst
8270C	Fluoranthene	ND	5	1665.0	28.2	ug/Kg	10/07/03 DP
8270C	Fluorene	ND	5	1665.0	19.3	ug/Kg	10/07/03 DP
8270C	Hexachlorobenzene	ND	5	1665.0	49.4	ug/Kg	10/07/03 DP
8270C	Hexachlorobutadiene	ND	5	1665.0	40.1	ug/Kg	10/07/03 DP
8270C	Hexachlorocyclopentadiene	ND	5	1665.0	48.3	ug/Kg	10/07/03 DP
8270C	Hexachloroethane	ND	5	1665.0	180.8	ug/Kg	10/07/03 DP
8270C	Indeno(1,2,3-c,d)pyrene	ND	5	1665.0	36.1	ug/Kg	10/07/03 DP
8270C	Isophorone	ND	5	1665.0	30.4	ug/Kg	10/07/03 DP
8270C	N-Nitroso-di-n-propylamine	ND	5	1665.0	221.8	ug/Kg	10/07/03 DP
8270C	N-Nitrosodiphenylamine	ND	5	1665.0	29.1	ug/Kg	10/07/03 DP
8270C	Naphthalene	ND	5	1665.0	15.6	ug/Kg	10/07/03 DP
8270C	Nitrobenzene	ND	5	1665.0	60.6	ug/Kg	10/07/03 DP
8270C	Pentachlorophenol	ND	5	8325.0	38.0	ug/Kg	10/07/03 DP
8270C	Phenanthrene	ND	5	1665.0	19.4	ug/Kg	10/07/03 DP
8270C	Phenol	ND	5	1665.0	229.8	ug/Kg	10/07/03 DP
8270C	Pyrene	ND	5	1665.0	28.2	ug/Kg	10/07/03 DP

Surrogates			Units	Control Limits
8270C	2,4,6-Tribromophenol (sur)	11 S	%	17 - 122
8270C	2-Fluorobiphenyl (sur)	94	%	30 - 115
8270C	2-Fluorophenol (sur)	36	%	25 - 121
8270C	Nitrobenzene-d5 (sur)	68	%	23 - 120
8270C	Phenol-d5 (sur)	26	%	24 - 113
8270C	Terphenyl-d14 (sur)	87	%	18 - 137

8260B	1,1,1,2-Tetrachloroethane	ND	50	250.0	2.19	ug/Kg	10/11/03 AM
8260B	1,1,1-Trichloroethane	ND	50	250.0	0.47	ug/Kg	10/11/03 AM
8260B	1,1,2,2-Tetrachloroethane	ND	50	250.0	0.50	ug/Kg	10/11/03 AM
8260B	1,1,2-Trichloroethane	ND	50	250.0	0.57	ug/Kg	10/11/03 AM
8260B	1,1,2-Trichlorotrifluoroethane	ND	50	250.0	0.10	ug/Kg	10/11/03 AM
8260B	1,1-Dichloroethane	ND	50	250.0	0.74	ug/Kg	10/11/03 AM
8260B	1,1-Dichloroethene	ND	50	250.0	0.43	ug/Kg	10/11/03 AM
8260B	1,1-Dichloropropene	ND	50	250.0	1.30	ug/Kg	10/11/03 AM
8260B	1,2,3-Trichlorobenzene	ND	50	250.0	0.54	ug/Kg	10/11/03 AM
8260B	1,2,3-Trichloropropane	ND	50	250.0	0.65	ug/Kg	10/11/03 AM
8260B	1,2,4-Trichlorobenzene	ND	50	250.0	0.54	ug/Kg	10/11/03 AM
8260B	1,2,4-Trimethylbenzene	233 J	50	250.0	0.60	ug/Kg	10/11/03 AM
8260B	1,2-Dibromo-3-chloropropane	ND	50	250.0	1.92	ug/Kg	10/11/03 AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467842 **Client Sample ID:** TB Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
8260B	1,2-Dibromoethane	ND		50	250.0	0.43	ug/Kg	10/11/03	AM
8260B	1,2-Dichlorobenzene	ND		50	250.0	0.45	ug/Kg	10/11/03	AM
8260B	1,2-Dichloroethane	ND		50	250.0	0.59	ug/Kg	10/11/03	AM
8260B	1,2-Dichloropropane	ND		50	250.0	0.58	ug/Kg	10/11/03	AM
8260B	1,3,5-Trimethylbenzene	53	J	50	250.0	0.55	ug/Kg	10/11/03	AM
8260B	1,3-Dichlorobenzene	ND		50	250.0	0.44	ug/Kg	10/11/03	AM
8260B	1,3-Dichloropropane	ND		50	250.0	0.51	ug/Kg	10/11/03	AM
8260B	1,4-Dichlorobenzene	ND		50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	1,4-Dioxane	ND		50	10000.0	200	ug/Kg	10/11/03	AM
8260B	1-Chlorohexane	ND		50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	2,2-Dichloropropane	ND		50	250.0	0.47	ug/Kg	10/11/03	AM
8260B	2-Butanone (MEK)	ND		50	5000.0	0.98	ug/Kg	10/11/03	AM
8260B	2-Chloroethyl vinyl ether	ND		50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	2-Chlorotoluene	ND		50	250.0	0.92	ug/Kg	10/11/03	AM
8260B	2-Hexanone	ND		50	250.0	4.7	ug/Kg	10/11/03	AM
8260B	4-Chlorotoluene	ND		50	250.0	0.52	ug/Kg	10/11/03	AM
8260B	4-Methyl -2- Pentanone	ND		50	250.0	0.49	ug/Kg	10/11/03	AM
8260B	Acetone	19300		50	2500.0	3.81	ug/Kg	10/11/03	AM
8260B	Acetonitrile	ND		50	250.0	0.7	ug/Kg	10/11/03	AM
8260B	Acrolein	ND		50	10000.0	172	ug/Kg	10/11/03	AM
8260B	Acrylonitrile	ND		50	250.0	1.3	ug/Kg	10/11/03	AM
8260B	Allyl chloride	ND		50	250.0	0.4	ug/Kg	10/11/03	AM
8260B	Benzene	515		50	250.0	0.39	ug/Kg	10/11/03	AM
8260B	Benzyl chloride	ND		50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	Bromobenzene	ND		50	250.0	0.65	ug/Kg	10/11/03	AM
8260B	Bromochloromethane	ND		50	250.0	0.36	ug/Kg	10/11/03	AM
8260B	Bromodichloromethane	ND		50	250.0	0.48	ug/Kg	10/11/03	AM
8260B	Bromoform	ND		50	250.0	0.53	ug/Kg	10/11/03	AM
8260B	Bromomethane	ND		50	250.0	2.07	ug/Kg	10/11/03	AM
8260B	Carbon Disulfide	ND		50	250.0	0.8	ug/Kg	10/11/03	AM
8260B	Carbon tetrachloride	ND		50	250.0	0.40	ug/Kg	10/11/03	AM
8260B	Chlorobenzene	ND		50	250.0	0.42	ug/Kg	10/11/03	AM
8260B	Chloroethane	ND		50	250.0	1.1	ug/Kg	10/11/03	AM
8260B	Chloroform	ND		50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	Chloromethane	ND		50	250.0	0.25	ug/Kg	10/11/03	AM
8260B	cis-1,2-Dichloroethene	ND		50	250.0	0.79	ug/Kg	10/11/03	AM
8260B	cis-1,3-Dichloropropene	ND		50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	cis-1,4-Dichloro-2-butene	ND		50	250.0	0.59	ug/Kg	10/11/03	AM
8260B	Dibromochloromethane	ND		50	250.0	0.44	ug/Kg	10/11/03	AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467842 **Client Sample ID:** TB Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
8260B	Dibromomethane	ND		50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	Dichlorodifluoromethane	ND		50	250.0	0.16	ug/Kg	10/11/03	AM
8260B	Ethyl benzene	137	J	50	250.0	0.41	ug/Kg	10/11/03	AM
8260B	Ethyl methacrylate	ND		50	250.0	1.8	ug/Kg	10/11/03	AM
8260B	Hexachlorobutadiene	ND		50	250.0	0.29	ug/Kg	10/11/03	AM
8260B	Iodomethane	ND		50	250.0	0.6	ug/Kg	10/11/03	AM
8260B	Isopropylbenzene (Cumene)	ND		50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	m and p-Xylene	501		50	250.0	0.67	ug/Kg	10/11/03	AM
8260B	Methacrylonitrile	ND		50	250.0	2.70	ug/Kg	10/11/03	AM
8260B	Methyl methacrylate	ND		50	250.0	0.21	ug/Kg	10/11/03	AM
8260B	Methyl-tert-butylether (MTBE)	3160		50	250.0	0.51	ug/Kg	10/11/03	AM
8260B	Methylene chloride	ND		50	250.0	0.91	ug/Kg	10/11/03	AM
8260B	n-Butylbenzene	ND		50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	n-Propylbenzene	ND		50	250.0	0.32	ug/Kg	10/11/03	AM
8260B	Naphthalene	300		50	250.0	0.60	ug/Kg	10/11/03	AM
8260B	o-Xylene	255		50	250.0	0.35	ug/Kg	10/11/03	AM
8260B	p-Isopropyltoluene	ND		50	250.0	0.32	ug/Kg	10/11/03	AM
8260B	Pentachloroethane	ND		50	250.0	0.6	ug/Kg	10/11/03	AM
8260B	Propionitrile	ND		50	250.0	5	ug/Kg	10/11/03	AM
8260B	sec-Butylbenzene	ND		50	250.0	0.31	ug/Kg	10/11/03	AM
8260B	Styrene	ND		50	250.0	0.37	ug/Kg	10/11/03	AM
8260B	tert-Butylbenzene	ND		50	250.0	0.41	ug/Kg	10/11/03	AM
8260B	Tetrachloroethene	ND		50	250.0	0.49	ug/Kg	10/11/03	AM
8260B	Toluene	855		50	250.0	0.42	ug/Kg	10/11/03	AM
8260B	trans-1,2-Dichloroethene	ND		50	250.0	0.48	ug/Kg	10/11/03	AM
8260B	trans-1,3-Dichloropropene	ND		50	250.0	0.44	ug/Kg	10/11/03	AM
8260B	trans-1,4-Dichloro-2-butene	ND		50	250.0	2.35	ug/Kg	10/11/03	AM
8260B	Trichloroethene	ND		50	250.0	0.43	ug/Kg	10/11/03	AM
8260B	Trichlorofluoromethane	ND		50	250.0	0.40	ug/Kg	10/11/03	AM
8260B	Vinyl acetate	ND		50	2500.0	10.2	ug/Kg	10/11/03	AM
8260B	Vinyl chloride	ND		50	250.0	0.47	ug/Kg	10/11/03	AM
8260B	Xylenes, total	756		50	250.0	0.8	ug/Kg	10/11/03	AM

Surrogates			Units	Control Limits
8260B	Surr1 - Dibromofluoromethane	107	%	70 - 135
8260B	Surr2 - 1,2-Dichloroethane-d4	101	%	70 - 135
8260B	Surr3 - Toluene-d8	97	%	70 - 135
8260B	Surr4 - p-Bromofluorobenzene	108	%	70 - 135

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467842 **Client Sample ID:** TB Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8081A	4,4-DDD	ND	1	0.005	0.0006	mg/Kg	10/14/03	SD
8081A	4,4-DDE	ND	1	0.004	0.0007	mg/Kg	10/14/03	SD
8081A	4,4-DDT	ND	1	0.005	0.0009	mg/Kg	10/14/03	SD
8081A	Aldrin	ND	1	0.004	0.0004	mg/Kg	10/14/03	SD
8081A	Alpha BHC	ND	1	0.002	0.0004	mg/Kg	10/14/03	SD
8081A	Beta BHC	ND	1	0.003	0.0004	mg/Kg	10/14/03	SD
8081A	Chlordane	ND	1	0.025	0.025	mg/Kg	10/14/03	SD
8081A	Delta BHC	ND	1	0.005	0.0004	mg/Kg	10/14/03	SD
8081A	Dieldrin	ND	1	0.003	0.0006	mg/Kg	10/14/03	SD
8081A	Endosulfan I	ND	1	0.004	0.0004	mg/Kg	10/14/03	SD
8081A	Endosulfan II	ND	1	0.004	0.0007	mg/Kg	10/14/03	SD
8081A	Endosulfan sulfate	ND	1	0.004	0.0005	mg/Kg	10/14/03	SD
8081A	Endrin	ND	1	0.004	0.0007	mg/Kg	10/14/03	SD
8081A	Endrin aldehyde	ND	1	0.004	0.0006	mg/Kg	10/14/03	SD
8081A	Heptachlor	ND	1	0.004	0.0021	mg/Kg	10/14/03	SD
8081A	Heptachlor epoxide	ND	1	0.003	0.0003	mg/Kg	10/14/03	SD
8081A	Lindane	ND	1	0.003	0.0004	mg/Kg	10/14/03	SD
8081A	Methoxychlor	ND	1	0.025	0.0045	mg/Kg	10/14/03	SD
8082	PCB-1016	ND	1	0.03	0.003	mg/Kg	10/14/03	RB
8082	PCB-1221	ND	1	0.06	0.006	mg/Kg	10/14/03	RB
8082	PCB-1232	ND	1	0.05	0.004	mg/Kg	10/14/03	RB
8082	PCB-1242	ND	1	0.05	0.002	mg/Kg	10/14/03	RB
8082	PCB-1248	ND	1	0.08	0.008	mg/Kg	10/14/03	RB
8082	PCB-1254	ND	1	0.03	0.001	mg/Kg	10/14/03	RB
8082	PCB-1260	ND	1	0.03	0.002	mg/Kg	10/14/03	RB
8081A	Toxaphene	ND	1	0.250	0.250	mg/Kg	10/14/03	SD

Surrogates			Units	Control Limits
8082	DCB(Sur)	39 S	%	50 - 135
8081A	DCB(Sur2)	44 S	%	55 - 135
8081A	TCMX (Sur1)	116	%	50 - 125

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467843 **Client Sample ID:** TB Sludge

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
6010B	Antimony	ND		1	3.0	0.62	mg/Kg	10/10/03	KN
6010B	Arsenic	2.43		1	1.0	0.72	mg/Kg	10/10/03	KN
6010B	Barium	33.3		1	1.0	0.05	mg/Kg	10/10/03	KN
6010B	Beryllium	ND		1	0.5	0.16	mg/Kg	10/10/03	KN
6010B	Cadmium	20.9		1	0.5	0.06	mg/Kg	10/10/03	KN
1311/6010	Cadmium TCLP	ND		1	0.05	0.001	mg/L	10/15/03	KN
6010B	Chromium	45.7		1	1.0	0.14	mg/Kg	10/10/03	KN
6010B	Cobalt	0.435	J	1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Copper	24.3		1	1.0	0.10	mg/Kg	10/10/03	KN
6010B	Lead	87.6		1	0.5	0.16	mg/Kg	10/10/03	KN
1311/6010	Lead TCLP	0.540		1	0.05	0.002	mg/L	10/15/03	KN
6010B	Molybdenum	2.96		1	1.0	0.38	mg/Kg	10/10/03	KN
6010B	Nickel	5.07		1	1.5	0.29	mg/Kg	10/10/03	KN
6010B	Selenium	ND		1	1.0	0.55	mg/Kg	10/10/03	KN
6010B	Silver	0.221	J	1	0.5	0.12	mg/Kg	10/10/03	KN
6010B	Thallium	ND		1	1.0	0.33	mg/Kg	10/10/03	KN
6010B	Vanadium	8.68		1	0.5	0.17	mg/Kg	10/10/03	KN
6010B	Zinc	11600		1	5.0	0.07	mg/Kg	10/10/03	KN
1311/6010	Zinc TCLP	240		1	0.05	0.003	mg/L	10/15/03	KN
1030	Ignitability of Solids	Passes		1			P/F	10/27/03	HK
7471A	Mercury	0.14		1	0.14	0.015	mg/Kg	10/08/03	MDJ
418.1	Total Recoverable Petroleum Hy	5520		30	300.0	10	mg/Kg	10/08/03	TN
8270C	1,2,4-Trichlorobenzene	ND		5	1665.0	32.1	ug/Kg	10/07/03	DP
8270C	1,2-Dichlorobenzene	ND		5	1665.0	69.1	ug/Kg	10/07/03	DP
8270C	1,3-Dichlorobenzene	ND		5	1665.0	133.5	ug/Kg	10/07/03	DP
8270C	1,4-Dichlorobenzene	ND		5	1665.0	58.0	ug/Kg	10/07/03	DP
8270C	2,4,5-Trichlorophenol	ND		5	8325.0	33.6	ug/Kg	10/07/03	DP
8270C	2,4,6-Trichlorophenol	ND		5	8325.0	31.9	ug/Kg	10/07/03	DP
8270C	2,4-Dichlorophenol	ND		5	1665.0	35.3	ug/Kg	10/07/03	DP
8270C	2,4-Dimethylphenol	ND		5	1665.0	37.1	ug/Kg	10/07/03	DP
8270C	2,4-Dinitrophenol	ND		5	8325.0	60.5	ug/Kg	10/07/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467843 **Client Sample ID:** TB Sludge

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	2,4-Dinitrotoluene	ND	5	1665.0	58.4	ug/Kg	10/07/03	DP
8270C	2,6-Dinitrotoluene	ND	5	1665.0	50.4	ug/Kg	10/07/03	DP
8270C	2-Chloronaphthalene	ND	5	1665.0	18.2	ug/Kg	10/07/03	DP
8270C	2-Chlorophenol	ND	5	1665.0	230.8	ug/Kg	10/07/03	DP
8270C	2-Methylnaphthalene	ND	5	1665.0	31.6	ug/Kg	10/07/03	DP
8270C	2-Methylphenol	ND	5	1665.0	194.3	ug/Kg	10/07/03	DP
8270C	2-Nitroaniline	ND	5	8325.0	30.8	ug/Kg	10/07/03	DP
8270C	2-Nitrophenol	ND	5	1665.0	63.4	ug/Kg	10/07/03	DP
8270C	3,3-Dichlorobenzidine	ND	5	1665.0	52.3	ug/Kg	10/07/03	DP
8270C	3-Methylphenol	ND	5	1665.0	211.4	ug/Kg	10/07/03	DP
8270C	3-Nitroaniline	ND	5	8325.0	31.1	ug/Kg	10/07/03	DP
8270C	4,6-Dinitro-2-methylphenol	ND	5	8325.0	44.9	ug/Kg	10/07/03	DP
8270C	4-Bromophenyl-phenylether	ND	5	1665.0	29.6	ug/Kg	10/07/03	DP
8270C	4-Chloro-3-methylphenol	ND	5	1665.0	48.8	ug/Kg	10/07/03	DP
8270C	4-Chloroaniline	ND	5	1665.0	19.2	ug/Kg	10/07/03	DP
8270C	4-Chlorophenyl-phenylether	ND	5	1665.0	38.1	ug/Kg	10/07/03	DP
8270C	4-Methylphenol	ND	5	1665.0	211.4	ug/Kg	10/07/03	DP
8270C	4-Nitroaniline	ND	5	8325.0	134.9	ug/Kg	10/07/03	DP
8270C	4-Nitrophenol	ND	5	8325.0	84.8	ug/Kg	10/07/03	DP
8270C	Acenaphthene	ND	5	1665.0	17.4	ug/Kg	10/07/03	DP
8270C	Acenaphthylene	ND	5	1665.0	14.8	ug/Kg	10/07/03	DP
8270C	Anthracene	ND	5	1665.0	9.9	ug/Kg	10/07/03	DP
8270C	Benzidine	ND	5	1665.0	260	ug/Kg	10/07/03	DP
8270C	Benzo(a)anthracene	ND	5	1665.0	26.2	ug/Kg	10/07/03	DP
8270C	Benzo(a)pyrene	ND	5	1665.0	20.0	ug/Kg	10/07/03	DP
8270C	Benzo(b)fluoranthene	ND	5	1665.0	29.9	ug/Kg	10/07/03	DP
8270C	Benzo(g,h,i)perylene	ND	5	1665.0	13.9	ug/Kg	10/07/03	DP
8270C	Benzo(k)fluoranthene	ND	5	1665.0	23.7	ug/Kg	10/07/03	DP
8270C	Benzoic Acid	ND	5	1665.0	70.0	ug/Kg	10/07/03	DP
8270C	Benzyl alcohol	ND	5	1665.0	197.0	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroethoxy)methane	ND	5	1665.0	22.6	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroethyl)ether	ND	5	1665.0	291.5	ug/Kg	10/07/03	DP
8270C	bis(2-Chloroisopropyl) ether	ND	5	1665.0	275.3	ug/Kg	10/07/03	DP
8270C	bis(2-Ethylhexyl)phthalate	ND	5	1665.0	36.1	ug/Kg	10/07/03	DP
8270C	Butylbenzylphthalate	ND	5	1665.0	25.9	ug/Kg	10/07/03	DP
8270C	Chrysene	ND	5	1665.0	38.0	ug/Kg	10/07/03	DP
8270C	Di-n-butylphthalate	ND	5	1665.0	30.7	ug/Kg	10/07/03	DP
8270C	Di-n-octylphthalate	ND	5	1665.0	66.3	ug/Kg	10/07/03	DP
8270C	Dibenz(a,h)anthracene	ND	5	1665.0	32.3	ug/Kg	10/07/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467843 **Client Sample ID:** TB Sludge

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	Dibenzofuran	ND	5	1665.0	16.4	ug/Kg	10/07/03	DP
8270C	Diethylphthalate	ND	5	1665.0	43.8	ug/Kg	10/07/03	DP
8270C	Dimethylphthalate	ND	5	1665.0	28.6	ug/Kg	10/07/03	DP
8270C	Fluoranthene	ND	5	1665.0	28.2	ug/Kg	10/07/03	DP
8270C	Fluorene	ND	5	1665.0	19.3	ug/Kg	10/07/03	DP
8270C	Hexachlorobenzene	ND	5	1665.0	49.4	ug/Kg	10/07/03	DP
8270C	Hexachlorobutadiene	ND	5	1665.0	40.1	ug/Kg	10/07/03	DP
8270C	Hexachlorocyclopentadiene	ND	5	1665.0	48.3	ug/Kg	10/07/03	DP
8270C	Hexachloroethane	ND	5	1665.0	180.8	ug/Kg	10/07/03	DP
8270C	Indeno(1,2,3-c,d)pyrene	ND	5	1665.0	36.1	ug/Kg	10/07/03	DP
8270C	Isophorone	ND	5	1665.0	30.4	ug/Kg	10/07/03	DP
8270C	N-Nitroso-di-n-propylamine	ND	5	1665.0	221.8	ug/Kg	10/07/03	DP
8270C	N-Nitrosodiphenylamine	ND	5	1665.0	29.1	ug/Kg	10/07/03	DP
8270C	Naphthalene	ND	5	1665.0	15.6	ug/Kg	10/07/03	DP
8270C	Nitrobenzene	ND	5	1665.0	60.6	ug/Kg	10/07/03	DP
8270C	Pentachlorophenol	ND	5	8325.0	38.0	ug/Kg	10/07/03	DP
8270C	Phenanthrene	ND	5	1665.0	19.4	ug/Kg	10/07/03	DP
8270C	Phenol	ND	5	1665.0	229.8	ug/Kg	10/07/03	DP
8270C	Pyrene	ND	5	1665.0	28.2	ug/Kg	10/07/03	DP

Surrogates				Units	Control Limits
8270C	2,4,6-Tribromophenol (sur)	11	S	%	17 - 122
8270C	2-Fluorobiphenyl (sur)	82		%	30 - 115
8270C	2-Fluorophenol (sur)	29		%	25 - 121
8270C	Nitrobenzene-d5 (sur)	61		%	23 - 120
8270C	Phenol-d5 (sur)	20	S	%	24 - 113
8270C	Terphenyl-d14 (sur)	74		%	18 - 137

8260B	1,1,1,2-Tetrachloroethane	ND	1000	5000.0	2.19	ug/Kg	10/11/03	AM
8260B	1,1,1-Trichloroethane	ND	1000	5000.0	0.47	ug/Kg	10/11/03	AM
8260B	1,1,2,2-Tetrachloroethane	ND	1000	5000.0	0.50	ug/Kg	10/11/03	AM
8260B	1,1,2-Trichloroethane	ND	1000	5000.0	0.57	ug/Kg	10/11/03	AM
8260B	1,1,2-Trichlorotrifluoroethane	ND	1000	5000.0	0.10	ug/Kg	10/11/03	AM
8260B	1,1-Dichloroethane	ND	1000	5000.0	0.74	ug/Kg	10/11/03	AM
8260B	1,1-Dichloroethene	ND	1000	5000.0	0.43	ug/Kg	10/11/03	AM
8260B	1,1-Dichloropropene	ND	1000	5000.0	1.30	ug/Kg	10/11/03	AM
8260B	1,2,3-Trichlorobenzene	ND	1000	5000.0	0.54	ug/Kg	10/11/03	AM
8260B	1,2,3-Trichloropropane	ND	1000	5000.0	0.65	ug/Kg	10/11/03	AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467843 **Client Sample ID:** TB Sludge

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
8260B	1,2,4-Trichlorobenzene	ND		1000	5000.0	0.54	ug/Kg	10/11/03	AM
8260B	1,2,4-Trimethylbenzene	34500		1000	5000.0	0.60	ug/Kg	10/11/03	AM
8260B	1,2-Dibromo-3-chloropropane	ND		1000	5000.0	1.92	ug/Kg	10/11/03	AM
8260B	1,2-Dibromoethane	ND		1000	5000.0	0.43	ug/Kg	10/11/03	AM
8260B	1,2-Dichlorobenzene	ND		1000	5000.0	0.45	ug/Kg	10/11/03	AM
8260B	1,2-Dichloroethane	ND		1000	5000.0	0.59	ug/Kg	10/11/03	AM
8260B	1,2-Dichloropropane	ND		1000	5000.0	0.58	ug/Kg	10/11/03	AM
8260B	1,3,5-Trimethylbenzene	11200		1000	5000.0	0.55	ug/Kg	10/11/03	AM
8260B	1,3-Dichlorobenzene	ND		1000	5000.0	0.44	ug/Kg	10/11/03	AM
8260B	1,3-Dichloropropane	ND		1000	5000.0	0.51	ug/Kg	10/11/03	AM
8260B	1,4-Dichlorobenzene	ND		1000	5000.0	0.46	ug/Kg	10/11/03	AM
8260B	1,4-Dioxane	ND		1000	200000.0	200	ug/Kg	10/11/03	AM
8260B	1-Chlorohexane	ND		1000	5000.0	0.38	ug/Kg	10/11/03	AM
8260B	2,2-Dichloropropane	ND		1000	5000.0	0.47	ug/Kg	10/11/03	AM
8260B	2-Butanone (MEK)	ND		1000	100000.0	0.98	ug/Kg	10/11/03	AM
8260B	2-Chloroethyl vinyl ether	ND		1000	5000.0	0.46	ug/Kg	10/11/03	AM
8260B	2-Chlorotoluene	ND		1000	5000.0	0.92	ug/Kg	10/11/03	AM
8260B	2-Hexanone	ND		1000	5000.0	4.7	ug/Kg	10/11/03	AM
8260B	4-Chlorotoluene	ND		1000	5000.0	0.52	ug/Kg	10/11/03	AM
8260B	4-Methyl -2- Pentanone	ND		1000	5000.0	0.49	ug/Kg	10/11/03	AM
8260B	Acetone	30600	J	1000	50000.0	3.81	ug/Kg	10/11/03	AM
8260B	Acetonitrile	ND		1000	5000.0	0.7	ug/Kg	10/11/03	AM
8260B	Acrolein	ND		1000	200000.0	172	ug/Kg	10/11/03	AM
8260B	Acrylonitrile	ND		1000	5000.0	1.3	ug/Kg	10/11/03	AM
8260B	Allyl chloride	ND		1000	5000.0	0.4	ug/Kg	10/11/03	AM
8260B	Benzene	1440	J	1000	5000.0	0.39	ug/Kg	10/11/03	AM
1311/8260	Benzene TCLP	0.021		1	0.005	0.00008	mg/L	10/25/03	AM
8260B	Benzyl chloride	ND		1000	5000.0	0.38	ug/Kg	10/11/03	AM
8260B	Bromobenzene	ND		1000	5000.0	0.65	ug/Kg	10/11/03	AM
8260B	Bromochloromethane	ND		1000	5000.0	0.36	ug/Kg	10/11/03	AM
8260B	Bromodichloromethane	ND		1000	5000.0	0.48	ug/Kg	10/11/03	AM
8260B	Bromoform	ND		1000	5000.0	0.53	ug/Kg	10/11/03	AM
8260B	Bromomethane	ND		1000	5000.0	2.07	ug/Kg	10/11/03	AM
8260B	Carbon Disulfide	ND		1000	5000.0	0.8	ug/Kg	10/11/03	AM
8260B	Carbon tetrachloride	ND		1000	5000.0	0.40	ug/Kg	10/11/03	AM
8260B	Chlorobenzene	ND		1000	5000.0	0.42	ug/Kg	10/11/03	AM
8260B	Chloroethane	ND		1000	5000.0	1.1	ug/Kg	10/11/03	AM
8260B	Chloroform	ND		1000	5000.0	0.46	ug/Kg	10/11/03	AM
8260B	Chloromethane	ND		1000	5000.0	0.25	ug/Kg	10/11/03	AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467843 **Client Sample ID:** TB Sludge

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
8260B	cis-1,2-Dichloroethene	ND		1000	5000.0	0.79	ug/Kg	10/11/03	AM
8260B	cis-1,3-Dichloropropene	ND		1000	5000.0	0.38	ug/Kg	10/11/03	AM
8260B	cis-1,4-Dichloro-2-butene	ND		1000	5000.0	0.59	ug/Kg	10/11/03	AM
8260B	Dibromochloromethane	ND		1000	5000.0	0.44	ug/Kg	10/11/03	AM
8260B	Dibromomethane	ND		1000	5000.0	0.46	ug/Kg	10/11/03	AM
8260B	Dichlorodifluoromethane	ND		1000	5000.0	0.16	ug/Kg	10/11/03	AM
8260B	Ethyl benzene	6510		1000	5000.0	0.41	ug/Kg	10/11/03	AM
8260B	Ethyl methacrylate	ND		1000	5000.0	1.8	ug/Kg	10/11/03	AM
8260B	Hexachlorobutadiene	ND		1000	5000.0	0.29	ug/Kg	10/11/03	AM
8260B	Iodomethane	ND		1000	5000.0	0.6	ug/Kg	10/11/03	AM
8260B	Isopropylbenzene (Cumene)	1320	J	1000	5000.0	0.38	ug/Kg	10/11/03	AM
8260B	m and p-Xylene	12900		1000	5000.0	0.67	ug/Kg	10/11/03	AM
8260B	Methacrylonitrile	ND		1000	5000.0	2.70	ug/Kg	10/11/03	AM
8260B	Methyl methacrylate	ND		1000	5000.0	0.21	ug/Kg	10/11/03	AM
8260B	Methyl-tert-butylether (MTBE)	4560	J	1000	5000.0	0.51	ug/Kg	10/11/03	AM
8260B	Methylene chloride	ND		1000	5000.0	0.91	ug/Kg	10/11/03	AM
8260B	n-Butylbenzene	8810		1000	5000.0	0.38	ug/Kg	10/11/03	AM
8260B	n-Propylbenzene	3340	J	1000	5000.0	0.32	ug/Kg	10/11/03	AM
8260B	Naphthalene	22300		1000	5000.0	0.60	ug/Kg	10/11/03	AM
8260B	o-Xylene	32100		1000	5000.0	0.35	ug/Kg	10/11/03	AM
8260B	p-Isopropyltoluene	2750	J	1000	5000.0	0.32	ug/Kg	10/11/03	AM
8260B	Pentachloroethane	ND		1000	5000.0	0.6	ug/Kg	10/11/03	AM
8260B	Propionitrile	ND		1000	5000.0	5	ug/Kg	10/11/03	AM
8260B	sec-Butylbenzene	ND		1000	5000.0	0.31	ug/Kg	10/11/03	AM
8260B	Styrene	ND		1000	5000.0	0.37	ug/Kg	10/11/03	AM
8260B	tert-Butylbenzene	ND		1000	5000.0	0.41	ug/Kg	10/11/03	AM
8260B	Tetrachloroethene	ND		1000	5000.0	0.49	ug/Kg	10/11/03	AM
8260B	Toluene	17400		1000	5000.0	0.42	ug/Kg	10/11/03	AM
8260B	trans-1,2-Dichloroethene	ND		1000	5000.0	0.48	ug/Kg	10/11/03	AM
8260B	trans-1,3-Dichloropropene	ND		1000	5000.0	0.44	ug/Kg	10/11/03	AM
8260B	trans-1,4-Dichloro-2-butene	ND		1000	5000.0	2.35	ug/Kg	10/11/03	AM
8260B	Trichloroethene	ND		1000	5000.0	0.43	ug/Kg	10/11/03	AM
8260B	Trichlorofluoromethane	ND		1000	5000.0	0.40	ug/Kg	10/11/03	AM
8260B	Vinyl acetate	ND		1000	50000.0	10.2	ug/Kg	10/11/03	AM
8260B	Vinyl chloride	ND		1000	5000.0	0.47	ug/Kg	10/11/03	AM
8260B	Xylenes, total	44900		1000	5000.0	0.8	ug/Kg	10/11/03	AM

Surrogates			Units	Control Limits
8260B	Surr1 - Dibromofluoromethane	105	%	70 - 135

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467843 **Client Sample ID:** TB Sludge

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:04

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8260B	Surr2 - 1,2-Dichloroethane-d4	106				%	70 - 135	
8260B	Surr3 - Toluene-d8	99				%	70 - 135	
8260B	Surr4 - p-Bromofluorobenzene	111				%	70 - 135	
8081A	4,4-DDD	ND	1	0.005	0.0006	mg/Kg	10/14/03	RB
8081A	4,4-DDE	ND	1	0.004	0.0007	mg/Kg	10/14/03	RB
8081A	4,4-DDT	ND	1	0.005	0.0009	mg/Kg	10/14/03	RB
8081A	Aldrin	ND	1	0.004	0.0004	mg/Kg	10/14/03	RB
8081A	Alpha BHC	ND	1	0.002	0.0004	mg/Kg	10/14/03	RB
8081A	Beta BHC	ND	1	0.003	0.0004	mg/Kg	10/14/03	RB
8081A	Chlordane	ND	1	0.025	0.025	mg/Kg	10/14/03	RB
8081A	Delta BHC	ND	1	0.005	0.0004	mg/Kg	10/14/03	RB
8081A	Dieldrin	ND	1	0.003	0.0006	mg/Kg	10/14/03	RB
8081A	Endosulfan I	ND	1	0.004	0.0004	mg/Kg	10/14/03	RB
8081A	Endosulfan II	ND	1	0.004	0.0007	mg/Kg	10/14/03	RB
8081A	Endosulfan sulfate	ND	1	0.004	0.0005	mg/Kg	10/14/03	RB
8081A	Endrin	ND	1	0.004	0.0007	mg/Kg	10/14/03	RB
8081A	Endrin aldehyde	ND	1	0.004	0.0006	mg/Kg	10/14/03	RB
8081A	Heptachlor	ND	1	0.004	0.0021	mg/Kg	10/14/03	RB
8081A	Heptachlor epoxide	ND	1	0.003	0.0003	mg/Kg	10/14/03	RB
8081A	Lindane	ND	1	0.003	0.0004	mg/Kg	10/14/03	RB
8081A	Methoxychlor	ND	1	0.025	0.0045	mg/Kg	10/14/03	RB
8082	PCB-1016	ND	2	0.06	0.003	mg/Kg	10/13/03	RB
8082	PCB-1221	ND	2	0.12	0.006	mg/Kg	10/13/03	RB
8082	PCB-1232	ND	2	0.1	0.004	mg/Kg	10/13/03	RB
8082	PCB-1242	ND	2	0.1	0.002	mg/Kg	10/13/03	RB
8082	PCB-1248	ND	2	0.16	0.008	mg/Kg	10/13/03	RB
8082	PCB-1254	ND	2	0.06	0.001	mg/Kg	10/13/03	RB
8082	PCB-1260	ND	2	0.06	0.002	mg/Kg	10/13/03	RB
8081A	Toxaphene	ND	1	0.250	0.250	mg/Kg	10/14/03	RB

Surrogates			Units	Control Limits
8082	DCB(Sur)	79	%	50 - 135
8081A	DCB(Sur2)	109	%	55 - 135
8081A	TCMX (Sur1)	91	%	50 - 125

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467844 **Client Sample ID:** T5 Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:41

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
6010B	Antimony	ND	1	3.0	0.62	mg/Kg	10/10/03	KN
6010B	Arsenic	ND	1	1.0	0.72	mg/Kg	10/10/03	KN
6010B	Barium	0.334 J	1	1.0	0.05	mg/Kg	10/10/03	KN
6010B	Beryllium	ND	1	0.5	0.16	mg/Kg	10/10/03	KN
6010B	Cadmium	ND	1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Chromium	ND	1	1.0	0.14	mg/Kg	10/10/03	KN
6010B	Cobalt	ND	1	0.5	0.06	mg/Kg	10/10/03	KN
6010B	Copper	1.11	1	1.0	0.10	mg/Kg	10/10/03	KN
6010B	Lead	6.87	1	0.5	0.16	mg/Kg	10/10/03	KN
6010B	Molybdenum	ND	1	1.0	0.38	mg/Kg	10/10/03	KN
6010B	Nickel	ND	1	1.5	0.29	mg/Kg	10/10/03	KN
6010B	Selenium	ND	1	1.0	0.55	mg/Kg	10/10/03	KN
6010B	Silver	ND	1	0.5	0.12	mg/Kg	10/10/03	KN
6010B	Thallium	ND	1	1.0	0.33	mg/Kg	10/10/03	KN
6010B	Vanadium	ND	1	0.5	0.17	mg/Kg	10/10/03	KN
6010B	Zinc	5.25	1	5.0	0.07	mg/Kg	10/10/03	KN
1010	Ignitability by PM Closed Cup M	> 200	1			deg F	10/27/03	HK
7471A	Mercury	ND	1	0.14	0.015	mg/Kg	10/08/03	MDJ
418.1	Total Recoverable Petroleum Hy	ND	1	10	10	mg/Kg	10/08/03	TN
8270C	1,2,4-Trichlorobenzene	ND	1	333	32.1	ug/Kg	10/14/03	DP
8270C	1,2-Dichlorobenzene	ND	1	333	69.1	ug/Kg	10/14/03	DP
8270C	1,3-Dichlorobenzene	ND	1	333	133.5	ug/Kg	10/14/03	DP
8270C	1,4-Dichlorobenzene	ND	1	333	58.0	ug/Kg	10/14/03	DP
8270C	2,4,5-Trichlorophenol	ND	1	1665	33.6	ug/Kg	10/14/03	DP
8270C	2,4,6-Trichlorophenol	ND	1	1665	31.9	ug/Kg	10/14/03	DP
8270C	2,4-Dichlorophenol	ND	1	333	35.3	ug/Kg	10/14/03	DP
8270C	2,4-Dimethylphenol	ND	1	333	37.1	ug/Kg	10/14/03	DP
8270C	2,4-Dinitrophenol	ND	1	1665	60.5	ug/Kg	10/14/03	DP
8270C	2,4-Dinitrotoluene	ND	1	333	58.4	ug/Kg	10/14/03	DP
8270C	2,6-Dinitrotoluene	ND	1	333	50.4	ug/Kg	10/14/03	DP
8270C	2-Chloronaphthalene	ND	1	333	18.2	ug/Kg	10/14/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467844 **Client Sample ID:** T5 Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:41

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	2-Chlorophenol	ND	1	333	230.8	ug/Kg	10/14/03	DP
8270C	2-Methylnaphthalene	ND	1	333	31.6	ug/Kg	10/14/03	DP
8270C	2-Methylphenol	ND	1	333	194.3	ug/Kg	10/14/03	DP
8270C	2-Nitroaniline	ND	1	1665	30.8	ug/Kg	10/14/03	DP
8270C	2-Nitrophenol	ND	1	333	63.4	ug/Kg	10/14/03	DP
8270C	3,3-Dichlorobenzidine	ND	1	333	52.3	ug/Kg	10/14/03	DP
8270C	3-Methylphenol	ND	1	333	211.4	ug/Kg	10/14/03	DP
8270C	3-Nitroaniline	ND	1	1665	31.1	ug/Kg	10/14/03	DP
8270C	4,6-Dinitro-2-methylphenol	ND	1	1665	44.9	ug/Kg	10/14/03	DP
8270C	4-Bromophenyl-phenylether	ND	1	333	29.6	ug/Kg	10/14/03	DP
8270C	4-Chloro-3-methylphenol	ND	1	333	48.8	ug/Kg	10/14/03	DP
8270C	4-Chloroaniline	ND	1	333	19.2	ug/Kg	10/14/03	DP
8270C	4-Chlorophenyl-phenylether	ND	1	333	38.1	ug/Kg	10/14/03	DP
8270C	4-Methylphenol	ND	1	333	211.4	ug/Kg	10/14/03	DP
8270C	4-Nitroaniline	ND	1	1665	134.9	ug/Kg	10/14/03	DP
8270C	4-Nitrophenol	ND	1	1665	84.8	ug/Kg	10/14/03	DP
8270C	Acenaphthene	ND	1	333	17.4	ug/Kg	10/14/03	DP
8270C	Acenaphthylene	ND	1	333	14.8	ug/Kg	10/14/03	DP
8270C	Anthracene	ND	1	333	9.9	ug/Kg	10/14/03	DP
8270C	Benzidine	ND	1	333	260	ug/Kg	10/14/03	DP
8270C	Benzo(a)anthracene	ND	1	333	26.2	ug/Kg	10/14/03	DP
8270C	Benzo(a)pyrene	ND	1	333	20.0	ug/Kg	10/14/03	DP
8270C	Benzo(b)fluoranthene	ND	1	333	29.9	ug/Kg	10/14/03	DP
8270C	Benzo(g,h,i)perylene	ND	1	333	13.9	ug/Kg	10/14/03	DP
8270C	Benzo(k)fluoranthene	ND	1	333	23.7	ug/Kg	10/14/03	DP
8270C	Benzoic Acid	ND	1	333	70.0	ug/Kg	10/14/03	DP
8270C	Benzyl alcohol	ND	1	333	197.0	ug/Kg	10/14/03	DP
8270C	bis(2-Chloroethoxy)methane	ND	1	333	22.6	ug/Kg	10/14/03	DP
8270C	bis(2-Chloroethyl)ether	ND	1	333	291.5	ug/Kg	10/14/03	DP
8270C	bis(2-Chloroisopropyl) ether	ND	1	333	275.3	ug/Kg	10/14/03	DP
8270C	bis(2-Ethylhexyl)phthalate	ND	1	333	36.1	ug/Kg	10/14/03	DP
8270C	Butylbenzylphthalate	ND	1	333	25.9	ug/Kg	10/14/03	DP
8270C	Chrysene	ND	1	333	38.0	ug/Kg	10/14/03	DP
8270C	Di-n-butylphthalate	ND	1	333	30.7	ug/Kg	10/14/03	DP
8270C	Di-n-octylphthalate	ND	1	333	66.3	ug/Kg	10/14/03	DP
8270C	Dibenz(a,h)anthracene	ND	1	333	32.3	ug/Kg	10/14/03	DP
8270C	Dibenzofuran	ND	1	333	16.4	ug/Kg	10/14/03	DP
8270C	Diethylphthalate	ND	1	333	43.8	ug/Kg	10/14/03	DP
8270C	Dimethylphthalate	ND	1	333	28.6	ug/Kg	10/14/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467844 **Client Sample ID:** T5 Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:41

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
8270C	Fluoranthene	ND		1	333	28.2	ug/Kg	10/14/03	DP
8270C	Fluorene	ND		1	333	19.3	ug/Kg	10/14/03	DP
8270C	Hexachlorobenzene	ND		1	333	49.4	ug/Kg	10/14/03	DP
8270C	Hexachlorobutadiene	ND		1	333	40.1	ug/Kg	10/14/03	DP
8270C	Hexachlorocyclopentadiene	ND		1	333	48.3	ug/Kg	10/14/03	DP
8270C	Hexachloroethane	ND		1	333	180.8	ug/Kg	10/14/03	DP
8270C	Indeno(1,2,3-c,d)pyrene	ND		1	333	36.1	ug/Kg	10/14/03	DP
8270C	Isophorone	ND		1	333	30.4	ug/Kg	10/14/03	DP
8270C	N-Nitroso-di-n-propylamine	ND		1	333	221.8	ug/Kg	10/14/03	DP
8270C	N-Nitrosodiphenylamine	ND		1	333	29.1	ug/Kg	10/14/03	DP
8270C	Naphthalene	ND		1	333	15.6	ug/Kg	10/14/03	DP
8270C	Nitrobenzene	ND		1	333	60.6	ug/Kg	10/14/03	DP
8270C	Pentachlorophenol	ND		1	1665	38.0	ug/Kg	10/14/03	DP
8270C	Phenanthrene	ND		1	333	19.4	ug/Kg	10/14/03	DP
8270C	Phenol	ND		1	333	229.8	ug/Kg	10/14/03	DP
8270C	Pyrene	ND		1	333	28.2	ug/Kg	10/14/03	DP

Surrogates			Units	Control Limits
8270C	2,4,6-Tribromophenol (sur)	108	%	17 - 122
8270C	2-Fluorobiphenyl (sur)	70	%	30 - 115
8270C	2-Fluorophenol (sur)	62	%	25 - 121
8270C	Nitrobenzene-d5 (sur)	58	%	23 - 120
8270C	Phenol-d5 (sur)	42	%	24 - 113
8270C	Terphenyl-d14 (sur)	73	%	18 - 137

8260B	1,1,1,2-Tetrachloroethane	ND		50	250.0	2.19	ug/Kg	10/11/03	AM
8260B	1,1,1-Trichloroethane	ND		50	250.0	0.47	ug/Kg	10/11/03	AM
8260B	1,1,2,2-Tetrachloroethane	ND		50	250.0	0.50	ug/Kg	10/11/03	AM
8260B	1,1,2-Trichloroethane	ND		50	250.0	0.57	ug/Kg	10/11/03	AM
8260B	1,1,2-Trichlorotrifluoroethane	ND		50	250.0	0.10	ug/Kg	10/11/03	AM
8260B	1,1-Dichloroethane	ND		50	250.0	0.74	ug/Kg	10/11/03	AM
8260B	1,1-Dichloroethene	ND		50	250.0	0.43	ug/Kg	10/11/03	AM
8260B	1,1-Dichloropropene	ND		50	250.0	1.30	ug/Kg	10/11/03	AM
8260B	1,2,3-Trichlorobenzene	ND		50	250.0	0.54	ug/Kg	10/11/03	AM
8260B	1,2,3-Trichloropropane	ND		50	250.0	0.65	ug/Kg	10/11/03	AM
8260B	1,2,4-Trichlorobenzene	ND		50	250.0	0.54	ug/Kg	10/11/03	AM
8260B	1,2,4-Trimethylbenzene	165	J	50	250.0	0.60	ug/Kg	10/11/03	AM
8260B	1,2-Dibromo-3-chloropropane	ND		50	250.0	1.92	ug/Kg	10/11/03	AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467844 **Client Sample ID:** T5 Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:41

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8260B	1,2-Dibromoethane	ND	50	250.0	0.43	ug/Kg	10/11/03	AM
8260B	1,2-Dichlorobenzene	ND	50	250.0	0.45	ug/Kg	10/11/03	AM
8260B	1,2-Dichloroethane	ND	50	250.0	0.59	ug/Kg	10/11/03	AM
8260B	1,2-Dichloropropane	ND	50	250.0	0.58	ug/Kg	10/11/03	AM
8260B	1,3,5-Trimethylbenzene	ND	50	250.0	0.55	ug/Kg	10/11/03	AM
8260B	1,3-Dichlorobenzene	ND	50	250.0	0.44	ug/Kg	10/11/03	AM
8260B	1,3-Dichloropropane	ND	50	250.0	0.51	ug/Kg	10/11/03	AM
8260B	1,4-Dichlorobenzene	ND	50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	1,4-Dioxane	ND	50	10000.0	200	ug/Kg	10/11/03	AM
8260B	1-Chlorohexane	ND	50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	2,2-Dichloropropane	ND	50	250.0	0.47	ug/Kg	10/11/03	AM
8260B	2-Butanone (MEK)	ND	50	5000.0	0.98	ug/Kg	10/11/03	AM
8260B	2-Chloroethyl vinyl ether	ND	50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	2-Chlorotoluene	ND	50	250.0	0.92	ug/Kg	10/11/03	AM
8260B	2-Hexanone	ND	50	250.0	4.7	ug/Kg	10/11/03	AM
8260B	4-Chlorotoluene	ND	50	250.0	0.52	ug/Kg	10/11/03	AM
8260B	4-Methyl -2- Pentanone	ND	50	250.0	0.49	ug/Kg	10/11/03	AM
8260B	Acetone	11900	50	2500.0	3.81	ug/Kg	10/11/03	AM
8260B	Acetonitrile	ND	50	250.0	0.7	ug/Kg	10/11/03	AM
8260B	Acrolein	ND	50	10000.0	172	ug/Kg	10/11/03	AM
8260B	Acrylonitrile	ND	50	250.0	1.3	ug/Kg	10/11/03	AM
8260B	Allyl chloride	ND	50	250.0	0.4	ug/Kg	10/11/03	AM
8260B	Benzene	ND	50	250.0	0.39	ug/Kg	10/11/03	AM
1311/8260	Benzene TCLP	ND	10	0.05	0.00008	mg/L	10/25/03	AM
8260B	Benzyl chloride	ND	50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	Bromobenzene	ND	50	250.0	0.65	ug/Kg	10/11/03	AM
8260B	Bromochloromethane	ND	50	250.0	0.36	ug/Kg	10/11/03	AM
8260B	Bromodichloromethane	ND	50	250.0	0.48	ug/Kg	10/11/03	AM
8260B	Bromoform	ND	50	250.0	0.53	ug/Kg	10/11/03	AM
8260B	Bromomethane	ND	50	250.0	2.07	ug/Kg	10/11/03	AM
8260B	Carbon Disulfide	ND	50	250.0	0.8	ug/Kg	10/11/03	AM
8260B	Carbon tetrachloride	ND	50	250.0	0.40	ug/Kg	10/11/03	AM
8260B	Chlorobenzene	ND	50	250.0	0.42	ug/Kg	10/11/03	AM
8260B	Chloroethane	ND	50	250.0	1.1	ug/Kg	10/11/03	AM
8260B	Chloroform	ND	50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	Chloromethane	ND	50	250.0	0.25	ug/Kg	10/11/03	AM
8260B	cis-1,2-Dichloroethene	ND	50	250.0	0.79	ug/Kg	10/11/03	AM
8260B	cis-1,3-Dichloropropene	ND	50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	cis-1,4-Dichloro-2-butene	ND	50	250.0	0.59	ug/Kg	10/11/03	AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467844 **Client Sample ID:** T5 Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:41

Method	Analyte	Result		DF	EQL	MDL	Units	Date/Analyst	
8260B	Dibromochloromethane	ND		50	250.0	0.44	ug/Kg	10/11/03	AM
8260B	Dibromomethane	ND		50	250.0	0.46	ug/Kg	10/11/03	AM
8260B	Dichlorodifluoromethane	ND		50	250.0	0.16	ug/Kg	10/11/03	AM
8260B	Ethyl benzene	ND		50	250.0	0.41	ug/Kg	10/11/03	AM
8260B	Ethyl methacrylate	ND		50	250.0	1.8	ug/Kg	10/11/03	AM
8260B	Hexachlorobutadiene	ND		50	250.0	0.29	ug/Kg	10/11/03	AM
8260B	Iodomethane	ND		50	250.0	0.6	ug/Kg	10/11/03	AM
8260B	Isopropylbenzene (Cumene)	ND		50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	m and p-Xylene	78	J	50	250.0	0.67	ug/Kg	10/11/03	AM
8260B	Methacrylonitrile	ND		50	250.0	2.70	ug/Kg	10/11/03	AM
8260B	Methyl methacrylate	ND		50	250.0	0.21	ug/Kg	10/11/03	AM
8260B	Methyl-tert-butylether (MTBE)	ND		50	250.0	0.51	ug/Kg	10/11/03	AM
8260B	Methylene chloride	ND		50	250.0	0.91	ug/Kg	10/11/03	AM
8260B	n-Butylbenzene	ND		50	250.0	0.38	ug/Kg	10/11/03	AM
8260B	n-Propylbenzene	ND		50	250.0	0.32	ug/Kg	10/11/03	AM
8260B	Naphthalene	ND		50	250.0	0.60	ug/Kg	10/11/03	AM
8260B	o-Xylene	33	J	50	250.0	0.35	ug/Kg	10/11/03	AM
8260B	p-Isopropyltoluene	ND		50	250.0	0.32	ug/Kg	10/11/03	AM
8260B	Pentachloroethane	ND		50	250.0	0.6	ug/Kg	10/11/03	AM
8260B	Propionitrile	ND		50	250.0	5	ug/Kg	10/11/03	AM
8260B	sec-Butylbenzene	ND		50	250.0	0.31	ug/Kg	10/11/03	AM
8260B	Styrene	ND		50	250.0	0.37	ug/Kg	10/11/03	AM
8260B	tert-Butylbenzene	ND		50	250.0	0.41	ug/Kg	10/11/03	AM
8260B	Tetrachloroethene	ND		50	250.0	0.49	ug/Kg	10/11/03	AM
8260B	Toluene	ND		50	250.0	0.42	ug/Kg	10/11/03	AM
8260B	trans-1,2-Dichloroethene	ND		50	250.0	0.48	ug/Kg	10/11/03	AM
8260B	trans-1,3-Dichloropropene	ND		50	250.0	0.44	ug/Kg	10/11/03	AM
8260B	trans-1,4-Dichloro-2-butene	ND		50	250.0	2.35	ug/Kg	10/11/03	AM
8260B	Trichloroethene	ND		50	250.0	0.43	ug/Kg	10/11/03	AM
8260B	Trichlorofluoromethane	ND		50	250.0	0.40	ug/Kg	10/11/03	AM
8260B	Vinyl acetate	ND		50	2500.0	10.2	ug/Kg	10/11/03	AM
8260B	Vinyl chloride	ND		50	250.0	0.47	ug/Kg	10/11/03	AM
8260B	Xylenes, total	112	J	50	250.0	0.8	ug/Kg	10/11/03	AM

Surrogates			Units	Control Limits
8260B	Surr1 - Dibromofluoromethane	101	%	70 - 135
8260B	Surr2 - 1,2-Dichloroethane-d4	105	%	70 - 135
8260B	Surr3 - Toluene-d8	101	%	70 - 135
8260B	Surr4 - p-Bromofluorobenzene	108	%	70 - 135

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467844 **Client Sample ID:** T5 Liquid

Matrix: SOLID

Date Sampled: 10/02/2003
Time Sampled: 12:41

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8081A	4,4-DDD	ND	1	0.005	0.0006	mg/Kg	10/14/03	SD
8081A	4,4-DDE	ND	1	0.004	0.0007	mg/Kg	10/14/03	SD
8081A	4,4-DDT	ND	1	0.005	0.0009	mg/Kg	10/14/03	SD
8081A	Aldrin	ND	1	0.004	0.0004	mg/Kg	10/14/03	SD
8081A	Alpha BHC	ND	1	0.002	0.0004	mg/Kg	10/14/03	SD
8081A	Beta BHC	ND	1	0.003	0.0004	mg/Kg	10/14/03	SD
8081A	Chlordane	ND	1	0.025	0.025	mg/Kg	10/14/03	SD
8081A	Delta BHC	ND	1	0.005	0.0004	mg/Kg	10/14/03	SD
8081A	Dieldrin	ND	1	0.003	0.0006	mg/Kg	10/14/03	SD
8081A	Endosulfan I	ND	1	0.004	0.0004	mg/Kg	10/14/03	SD
8081A	Endosulfan II	ND	1	0.004	0.0007	mg/Kg	10/14/03	SD
8081A	Endosulfan sulfate	ND	1	0.004	0.0005	mg/Kg	10/14/03	SD
8081A	Endrin	ND	1	0.004	0.0007	mg/Kg	10/14/03	SD
8081A	Endrin aldehyde	ND	1	0.004	0.0006	mg/Kg	10/14/03	SD
8081A	Heptachlor	ND	1	0.004	0.0021	mg/Kg	10/14/03	SD
8081A	Heptachlor epoxide	ND	1	0.003	0.0003	mg/Kg	10/14/03	SD
8081A	Lindane	ND	1	0.003	0.0004	mg/Kg	10/14/03	SD
8081A	Methoxychlor	ND	1	0.025	0.0045	mg/Kg	10/14/03	SD
8082	PCB-1016	ND	1	0.03	0.003	mg/Kg	10/12/03	RB
8082	PCB-1221	ND	1	0.06	0.006	mg/Kg	10/12/03	RB
8082	PCB-1232	ND	1	0.05	0.004	mg/Kg	10/12/03	RB
8082	PCB-1242	ND	1	0.05	0.002	mg/Kg	10/12/03	RB
8082	PCB-1248	ND	1	0.08	0.008	mg/Kg	10/12/03	RB
8082	PCB-1254	ND	1	0.03	0.001	mg/Kg	10/12/03	RB
8082	PCB-1260	ND	1	0.03	0.002	mg/Kg	10/12/03	RB
8081A	Toxaphene	ND	1	0.250	0.250	mg/Kg	10/14/03	SD

Surrogates			Units	Control Limits
8082	DCB(Sur)	14 S	%	50 - 135
8081A	DCB(Sur2)	15 S	%	55 - 135
8081A	TCMX (Sur1)	58	%	50 - 125

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467846 **Client Sample ID:** Laboratory Method Blank-S

Matrix: SOLID

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
6010B	Antimony	ND	1	3.00	0.62	mg/Kg	10/10/03	KN
6010B	Arsenic	ND	1	1.00	0.72	mg/Kg	10/10/03	KN
6010B	Barium	ND	1	1.00	0.05	mg/Kg	10/10/03	KN
6010B	Beryllium	ND	1	0.50	0.16	mg/Kg	10/10/03	KN
6010B	Cadmium	ND	1	0.50	0.06	mg/Kg	10/10/03	KN
6010B	Chromium	ND	1	1.00	0.14	mg/Kg	10/10/03	KN
6010B	Cobalt	ND	1	0.50	0.06	mg/Kg	10/10/03	KN
6010B	Copper	ND	1	1.00	0.10	mg/Kg	10/10/03	KN
6010B	Lead	ND	1	0.50	0.16	mg/Kg	10/10/03	KN
6010B	Molybdenum	ND	1	1.00	0.38	mg/Kg	10/10/03	KN
6010B	Nickel	ND	1	1.50	0.29	mg/Kg	10/10/03	KN
6010B	Selenium	ND	1	1.00	0.55	mg/Kg	10/10/03	KN
6010B	Silver	ND	1	0.50	0.12	mg/Kg	10/10/03	KN
6010B	Thallium	ND	1	1.00	0.33	mg/Kg	10/10/03	KN
6010B	Vanadium	ND	1	0.50	0.17	mg/Kg	10/10/03	KN
6010B	Zinc	ND	1	5.00	0.07	mg/Kg	10/10/03	KN
1030	Ignitability of Solids	N/A	1			P/F		
7471A	Mercury	ND	1	0.14	0.015	mg/Kg	10/08/03	MDJ
418.1	Total Recoverable Petroleum Hy	ND	1	10	10	mg/Kg	10/08/03	TN
8270C	1,2,4-Trichlorobenzene	ND	1	333	32.1	ug/Kg	10/13/03	DP
8270C	1,2-Dichlorobenzene	ND	1	333	69.1	ug/Kg	10/13/03	DP
8270C	1,3-Dichlorobenzene	ND	1	333	133.5	ug/Kg	10/13/03	DP
8270C	1,4-Dichlorobenzene	ND	1	333	58.0	ug/Kg	10/13/03	DP
8270C	2,4,5-Trichlorophenol	ND	1	1665	33.6	ug/Kg	10/13/03	DP
8270C	2,4,6-Trichlorophenol	ND	1	1665	31.9	ug/Kg	10/13/03	DP
8270C	2,4-Dichlorophenol	ND	1	333	35.3	ug/Kg	10/13/03	DP
8270C	2,4-Dimethylphenol	ND	1	333	37.1	ug/Kg	10/13/03	DP
8270C	2,4-Dinitrophenol	ND	1	1665	60.5	ug/Kg	10/13/03	DP
8270C	2,4-Dinitrotoluene	ND	1	333	58.4	ug/Kg	10/13/03	DP
8270C	2,6-Dinitrotoluene	ND	1	333	50.4	ug/Kg	10/13/03	DP
8270C	2-Chloronaphthalene	ND	1	333	18.2	ug/Kg	10/13/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467846 **Client Sample ID:** Laboratory Method Blank-S

Matrix: SOLID

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	2-Chlorophenol	ND	1	333	230.8	ug/Kg	10/13/03	DP
8270C	2-Methylnaphthalene	ND	1	333	31.6	ug/Kg	10/13/03	DP
8270C	2-Methylphenol	ND	1	333	194.3	ug/Kg	10/13/03	DP
8270C	2-Nitroaniline	ND	1	1665	30.8	ug/Kg	10/13/03	DP
8270C	2-Nitrophenol	ND	1	333	63.4	ug/Kg	10/13/03	DP
8270C	3,3-Dichlorobenzidine	ND	1	333	52.3	ug/Kg	10/13/03	DP
8270C	3-Methylphenol	ND	1	333	211.4	ug/Kg	10/13/03	DP
8270C	3-Nitroaniline	ND	1	1665	31.1	ug/Kg	10/13/03	DP
8270C	4,6-Dinitro-2-methylphenol	ND	1	1665	44.9	ug/Kg	10/13/03	DP
8270C	4-Bromophenyl-phenylether	ND	1	333	29.6	ug/Kg	10/13/03	DP
8270C	4-Chloro-3-methylphenol	ND	1	333	48.8	ug/Kg	10/13/03	DP
8270C	4-Chloroaniline	ND	1	333	19.2	ug/Kg	10/13/03	DP
8270C	4-Chlorophenyl-phenylether	ND	1	333	38.1	ug/Kg	10/13/03	DP
8270C	4-Methylphenol	ND	1	333	211.4	ug/Kg	10/13/03	DP
8270C	4-Nitroaniline	ND	1	1665	134.9	ug/Kg	10/13/03	DP
8270C	4-Nitrophenol	ND	1	1665	84.8	ug/Kg	10/13/03	DP
8270C	Acenaphthene	ND	1	333	17.4	ug/Kg	10/13/03	DP
8270C	Acenaphthylene	ND	1	333	14.8	ug/Kg	10/13/03	DP
8270C	Anthracene	ND	1	333	9.9	ug/Kg	10/13/03	DP
8270C	Benzidine	ND	1	333	260	ug/Kg	10/13/03	DP
8270C	Benzo(a)anthracene	ND	1	333	26.2	ug/Kg	10/13/03	DP
8270C	Benzo(a)pyrene	ND	1	333	20.0	ug/Kg	10/13/03	DP
8270C	Benzo(b)fluoranthene	ND	1	333	29.9	ug/Kg	10/13/03	DP
8270C	Benzo(g,h,i)perylene	ND	1	333	13.9	ug/Kg	10/13/03	DP
8270C	Benzo(k)fluoranthene	ND	1	333	23.7	ug/Kg	10/13/03	DP
8270C	Benzoic Acid	ND	1	333	70.0	ug/Kg	10/13/03	DP
8270C	Benzyl alcohol	ND	1	333	197.0	ug/Kg	10/13/03	DP
8270C	bis(2-Chloroethoxy)methane	ND	1	333	22.6	ug/Kg	10/13/03	DP
8270C	bis(2-Chloroethyl)ether	ND	1	333	291.5	ug/Kg	10/13/03	DP
8270C	bis(2-Chloroisopropyl) ether	ND	1	333	275.3	ug/Kg	10/13/03	DP
8270C	bis(2-Ethylhexyl)phthalate	ND	1	333	36.1	ug/Kg	10/13/03	DP
8270C	Butylbenzylphthalate	ND	1	333	25.9	ug/Kg	10/13/03	DP
8270C	Chrysene	ND	1	333	38.0	ug/Kg	10/13/03	DP
8270C	Di-n-butylphthalate	ND	1	333	30.7	ug/Kg	10/13/03	DP
8270C	Di-n-octylphthalate	ND	1	333	66.3	ug/Kg	10/13/03	DP
8270C	Dibenz(a,h)anthracene	ND	1	333	32.3	ug/Kg	10/13/03	DP
8270C	Dibenzofuran	ND	1	333	16.4	ug/Kg	10/13/03	DP
8270C	Diethylphthalate	ND	1	333	43.8	ug/Kg	10/13/03	DP
8270C	Dimethylphthalate	ND	1	333	28.6	ug/Kg	10/13/03	DP

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467846 **Client Sample ID:** Laboratory Method Blank-S

Matrix: SOLID

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8270C	Fluoranthene	ND	1	333	28.2	ug/Kg	10/13/03	DP
8270C	Fluorene	ND	1	333	19.3	ug/Kg	10/13/03	DP
8270C	Hexachlorobenzene	ND	1	333	49.4	ug/Kg	10/13/03	DP
8270C	Hexachlorobutadiene	ND	1	333	40.1	ug/Kg	10/13/03	DP
8270C	Hexachlorocyclopentadiene	ND	1	333	48.3	ug/Kg	10/13/03	DP
8270C	Hexachloroethane	ND	1	333	180.8	ug/Kg	10/13/03	DP
8270C	Indeno(1,2,3-c,d)pyrene	ND	1	333	36.1	ug/Kg	10/13/03	DP
8270C	Isophorone	ND	1	333	30.4	ug/Kg	10/13/03	DP
8270C	N-Nitroso-di-n-propylamine	ND	1	333	221.8	ug/Kg	10/13/03	DP
8270C	N-Nitrosodiphenylamine	ND	1	333	29.1	ug/Kg	10/13/03	DP
8270C	Naphthalene	ND	1	333	15.6	ug/Kg	10/13/03	DP
8270C	Nitrobenzene	ND	1	333	60.6	ug/Kg	10/13/03	DP
8270C	Pentachlorophenol	ND	1	1665	38.0	ug/Kg	10/13/03	DP
8270C	Phenanthrene	ND	1	333	19.4	ug/Kg	10/13/03	DP
8270C	Phenol	ND	1	333	229.8	ug/Kg	10/13/03	DP
8270C	Pyrene	ND	1	333	28.2	ug/Kg	10/13/03	DP

Surrogates			Units	Control Limits
8270C	2,4,6-Tribromophenol (sur)	70	%	17 - 122
8270C	2-Fluorobiphenyl (sur)	56	%	30 - 115
8270C	2-Fluorophenol (sur)	68	%	25 - 121
8270C	Nitrobenzene-d5 (sur)	51	%	23 - 120
8270C	Phenol-d5 (sur)	62	%	24 - 113
8270C	Terphenyl-d14 (sur)	67	%	18 - 137

8260B	1,1,1,2-Tetrachloroethane	ND	1	5	2.19	ug/Kg	10/10/03	AM
8260B	1,1,1-Trichloroethane	ND	1	5	0.47	ug/Kg	10/10/03	AM
8260B	1,1,2,2-Tetrachloroethane	ND	1	5	0.50	ug/Kg	10/10/03	AM
8260B	1,1,2-Trichloroethane	ND	1	5	0.57	ug/Kg	10/10/03	AM
8260B	1,1,2-Trichlorotrifluoroethane	ND	1	5	0.10	ug/Kg	10/10/03	AM
8260B	1,1-Dichloroethane	ND	1	5	0.74	ug/Kg	10/10/03	AM
8260B	1,1-Dichloroethene	ND	1	5	0.43	ug/Kg	10/10/03	AM
8260B	1,1-Dichloropropene	ND	1	5	1.30	ug/Kg	10/10/03	AM
8260B	1,2,3-Trichlorobenzene	ND	1	5	0.54	ug/Kg	10/10/03	AM
8260B	1,2,3-Trichloropropane	ND	1	5	0.65	ug/Kg	10/10/03	AM
8260B	1,2,4-Trichlorobenzene	ND	1	5	0.54	ug/Kg	10/10/03	AM
8260B	1,2,4-Trimethylbenzene	ND	1	5	0.60	ug/Kg	10/10/03	AM
8260B	1,2-Dibromo-3-chloropropane	ND	1	5	1.92	ug/Kg	10/10/03	AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467846 **Client Sample ID:** Laboratory Method Blank-S

Matrix: SOLID

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8260B	1,2-Dibromoethane	ND	1	5	0.43	ug/Kg	10/10/03	AM
8260B	1,2-Dichlorobenzene	ND	1	5	0.45	ug/Kg	10/10/03	AM
8260B	1,2-Dichloroethane	ND	1	5	0.59	ug/Kg	10/10/03	AM
8260B	1,2-Dichloropropane	ND	1	5	0.58	ug/Kg	10/10/03	AM
8260B	1,3,5-Trimethylbenzene	ND	1	5	0.55	ug/Kg	10/10/03	AM
8260B	1,3-Dichlorobenzene	ND	1	5	0.44	ug/Kg	10/10/03	AM
8260B	1,3-Dichloropropane	ND	1	5	0.51	ug/Kg	10/10/03	AM
8260B	1,4-Dichlorobenzene	ND	1	5	0.46	ug/Kg	10/10/03	AM
8260B	1,4-Dioxane	ND	1	200	200	ug/Kg	10/10/03	AM
8260B	1-Chlorohexane	ND	1	5	0.38	ug/Kg	10/10/03	AM
8260B	2,2-Dichloropropane	ND	1	5	0.47	ug/Kg	10/10/03	AM
8260B	2-Butanone (MEK)	ND	1	100	0.98	ug/Kg	10/10/03	AM
8260B	2-Chloroethyl vinyl ether	ND	1	5	0.46	ug/Kg	10/10/03	AM
8260B	2-Chlorotoluene	ND	1	5	0.92	ug/Kg	10/10/03	AM
8260B	2-Hexanone	ND	1	5	4.7	ug/Kg	10/10/03	AM
8260B	4-Chlorotoluene	ND	1	5	0.52	ug/Kg	10/10/03	AM
8260B	4-Methyl -2- Pentanone	ND	1	5	0.49	ug/Kg	10/10/03	AM
8260B	Acetone	ND	1	50	3.81	ug/Kg	10/10/03	AM
8260B	Acetonitrile	ND	1	5	0.7	ug/Kg	10/10/03	AM
8260B	Acrolein	ND	1	200	172	ug/Kg	10/10/03	AM
8260B	Acrylonitrile	ND	1	5	1.3	ug/Kg	10/10/03	AM
8260B	Allyl chloride	ND	1	5	0.4	ug/Kg	10/10/03	AM
8260B	Benzene	ND	1	5	0.39	ug/Kg	10/10/03	AM
8260B	Benzyl chloride	ND	1	5	0.38	ug/Kg	10/10/03	AM
8260B	Bromobenzene	ND	1	5	0.65	ug/Kg	10/10/03	AM
8260B	Bromochloromethane	ND	1	5	0.36	ug/Kg	10/10/03	AM
8260B	Bromodichloromethane	ND	1	5	0.48	ug/Kg	10/10/03	AM
8260B	Bromoform	ND	1	5	0.53	ug/Kg	10/10/03	AM
8260B	Bromomethane	ND	1	5	2.07	ug/Kg	10/10/03	AM
8260B	Carbon Disulfide	ND	1	5	0.8	ug/Kg	10/10/03	AM
8260B	Carbon tetrachloride	ND	1	5	0.40	ug/Kg	10/10/03	AM
8260B	Chlorobenzene	ND	1	5	0.42	ug/Kg	10/10/03	AM
8260B	Chloroethane	ND	1	5	1.1	ug/Kg	10/10/03	AM
8260B	Chloroform	ND	1	5	0.46	ug/Kg	10/10/03	AM
8260B	Chloromethane	ND	1	5	0.25	ug/Kg	10/10/03	AM
8260B	cis-1,2-Dichloroethene	ND	1	5	0.79	ug/Kg	10/10/03	AM
8260B	cis-1,3-Dichloropropene	ND	1	5	0.38	ug/Kg	10/10/03	AM
8260B	cis-1,4-Dichloro-2-butene	ND	1	5	0.59	ug/Kg	10/10/03	AM
8260B	Dibromochloromethane	ND	1	5	0.44	ug/Kg	10/10/03	AM

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467846 **Client Sample ID:** Laboratory Method Blank-S

Matrix: SOLID

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst
8260B	Dibromomethane	ND	1	5	0.46	ug/Kg	10/10/03 AM
8260B	Dichlorodifluoromethane	ND	1	5	0.16	ug/Kg	10/10/03 AM
8260B	Ethyl benzene	ND	1	5	0.41	ug/Kg	10/10/03 AM
8260B	Ethyl methacrylate	ND	1	5	1.8	ug/Kg	10/10/03 AM
8260B	Hexachlorobutadiene	ND	1	5	0.29	ug/Kg	10/10/03 AM
8260B	Iodomethane	ND	1	5	0.6	ug/Kg	10/10/03 AM
8260B	Isopropylbenzene (Cumene)	ND	1	5	0.38	ug/Kg	10/10/03 AM
8260B	m and p-Xylene	ND	1	5	0.67	ug/Kg	10/10/03 AM
8260B	Methacrylonitrile	ND	1	5	2.70	ug/Kg	10/10/03 AM
8260B	Methyl methacrylate	ND	1	5	0.21	ug/Kg	10/10/03 AM
8260B	Methyl-tert-butylether (MTBE)	ND	1	5	0.51	ug/Kg	10/10/03 AM
8260B	Methylene chloride	ND	1	5	0.91	ug/Kg	10/10/03 AM
8260B	n-Butylbenzene	ND	1	5	0.38	ug/Kg	10/10/03 AM
8260B	n-Propylbenzene	ND	1	5	0.32	ug/Kg	10/10/03 AM
8260B	Naphthalene	ND	1	5	0.60	ug/Kg	10/10/03 AM
8260B	o-Xylene	ND	1	5	0.35	ug/Kg	10/10/03 AM
8260B	p-Isopropyltoluene	ND	1	5	0.32	ug/Kg	10/10/03 AM
8260B	Pentachloroethane	ND	1	5	0.6	ug/Kg	10/10/03 AM
8260B	Propionitrile	ND	1	5	5	ug/Kg	10/10/03 AM
8260B	sec-Butylbenzene	ND	1	5	0.31	ug/Kg	10/10/03 AM
8260B	Styrene	ND	1	5	0.37	ug/Kg	10/10/03 AM
8260B	tert-Butylbenzene	ND	1	5	0.41	ug/Kg	10/10/03 AM
8260B	Tetrachloroethene	ND	1	5	0.49	ug/Kg	10/10/03 AM
8260B	Toluene	ND	1	5	0.42	ug/Kg	10/10/03 AM
8260B	trans-1,2-Dichloroethene	ND	1	5	0.48	ug/Kg	10/10/03 AM
8260B	trans-1,3-Dichloropropene	ND	1	5	0.44	ug/Kg	10/10/03 AM
8260B	trans-1,4-Dichloro-2-butene	ND	1	5	2.35	ug/Kg	10/10/03 AM
8260B	Trichloroethene	ND	1	5	0.43	ug/Kg	10/10/03 AM
8260B	Trichlorofluoromethane	ND	1	5	0.40	ug/Kg	10/10/03 AM
8260B	Vinyl acetate	ND	1	50	10.2	ug/Kg	10/10/03 AM
8260B	Vinyl chloride	ND	1	5	0.47	ug/Kg	10/10/03 AM
8260B	Xylenes, total	ND	1	5	0.8	ug/Kg	10/10/03 AM

Surrogates			Units	Control Limits
8260B	Surr1 - Dibromofluoromethane	105	%	70 - 135
8260B	Surr2 - 1,2-Dichloroethane-d4	109	%	70 - 135
8260B	Surr3 - Toluene-d8	107	%	70 - 135
8260B	Surr4 - p-Bromofluorobenzene	110	%	70 - 135

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

Order #: 467846 **Client Sample ID:** Laboratory Method Blank-S

Matrix: SOLID

Method	Analyte	Result	DF	EQL	MDL	Units	Date/Analyst	
8081A	4,4-DDD	ND	1	0.005	0.0006	mg/Kg	10/15/03	SD
8081A	4,4-DDE	ND	1	0.004	0.0007	mg/Kg	10/15/03	SD
8081A	4,4-DDT	ND	1	0.005	0.0009	mg/Kg	10/15/03	SD
8081A	Aldrin	ND	1	0.004	0.0004	mg/Kg	10/15/03	SD
8081A	Alpha BHC	ND	1	0.002	0.0004	mg/Kg	10/15/03	SD
8081A	Beta BHC	ND	1	0.003	0.0004	mg/Kg	10/15/03	SD
8081A	Chlordane	ND	1	0.025	0.025	mg/Kg	10/15/03	SD
8081A	Delta BHC	ND	1	0.005	0.0004	mg/Kg	10/15/03	SD
8081A	Dieldrin	ND	1	0.003	0.0006	mg/Kg	10/15/03	SD
8081A	Endosulfan I	ND	1	0.004	0.0004	mg/Kg	10/15/03	SD
8081A	Endosulfan II	ND	1	0.004	0.0007	mg/Kg	10/15/03	SD
8081A	Endosulfan sulfate	ND	1	0.004	0.0005	mg/Kg	10/15/03	SD
8081A	Endrin	ND	1	0.004	0.0007	mg/Kg	10/15/03	SD
8081A	Endrin aldehyde	ND	1	0.004	0.0006	mg/Kg	10/15/03	SD
8081A	Heptachlor	ND	1	0.004	0.0021	mg/Kg	10/15/03	SD
8081A	Heptachlor epoxide	ND	1	0.003	0.0003	mg/Kg	10/15/03	SD
8081A	Lindane	ND	1	0.003	0.0004	mg/Kg	10/15/03	SD
8081A	Methoxychlor	ND	1	0.025	0.0045	mg/Kg	10/15/03	SD
8082	PCB-1016	ND	1	0.03	0.003	mg/Kg	10/13/03	RB
8082	PCB-1221	ND	1	0.06	0.006	mg/Kg	10/13/03	RB
8082	PCB-1232	ND	1	0.05	0.004	mg/Kg	10/13/03	RB
8082	PCB-1242	ND	1	0.05	0.002	mg/Kg	10/13/03	RB
8082	PCB-1248	ND	1	0.08	0.008	mg/Kg	10/13/03	RB
8082	PCB-1254	ND	1	0.03	0.001	mg/Kg	10/13/03	RB
8082	PCB-1260	ND	1	0.03	0.002	mg/Kg	10/13/03	RB
8081A	Toxaphene	ND	1	0.250	0.250	mg/Kg	10/15/03	SD

Surrogates			Units	Control Limits
8082	DCB(Sur)	108	%	50 - 135
8081A	DCB(Sur2)	110	%	55 - 135
8081A	TCMX (Sur1)	93	%	50 - 125

EQL = Estimated Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace, S=Surrogate Outside Control Limits

ATTACHMENT 4

CONFINED SPACE ENTRY PROCEDURE

Sample form

CONSOLIDATED WASTE INDUSTRIES, INC.

Permit-Required Confined Space Entry Program

General Company Policy

The purpose of this program is to inform interested persons, including employees, that Consolidated Waste Industries, Inc. is complying with the OSHA Confined Space Standard, Title 29 Code of Federal Regulations 1910.146. We have determined that this workplace needs written procedures for the evaluation of confined spaces, and where permit-required spaces are identified, we have developed and implemented a permit-required confined space entry program. This program applies to all work operations of Consolidated Waste Industries, Inc. where employees must enter a permit-required confined space as part of their job duties.

The Compliance Manager has overall responsibility for coordinating safety and health programs in this company. The Compliance Manager is the person having overall responsibility for the Permit-Required Confined Space Program. The Compliance Manager, or their designee, will review and update the program, as necessary.

Copies of the written program may be obtained from the Compliance Manager in the Compliance Office at the Montclair Terminal Facility.

Under this program, we identify permit-required spaces that may be encountered at Consolidated Waste Industries, Inc., and provide training for our field employees according to their responsibilities with regards to permit space. These employees receive instructions for safe entry into our specific type of confined spaces, including testing and monitoring, appropriate personal protective equipment, rescue procedures, and attendant responsibilities.

This program is designed to ensure that safe work practices are utilized during all activities regarding the permit space to prevent personal injuries and illnesses that could occur.

If, after reading this program, you find that improvements can be made, please contact Jennifer Crompton, Compliance Manager. We encourage all suggestions because we are committed to creating a safe workplace for all our employees and a safe and effective permit-required confined space entry program is an important component of our overall safety plan. We strive for clear understanding, safe work practices, and involvement in the program from every level of the company.

Hazard Evaluation for Permit Spaces

To determine if there are permit-required confined spaces at the Consolidated Waste Industries, Inc. terminal the Compliance Manager has conducted a hazard evaluation of our workplace, in addition each Project Manager conducts a hazard evaluation of each project site. This evaluation provides us with the information necessary to identify the existence and location of permit-required confined spaces in our workplaces that must be covered by the Permit-Required Confined Space Entry Program. This written hazard evaluation is kept in each respective project file.

Preventing Unauthorized Entry

To provide a safe work environment and to prevent exposed employees from accidentally entering a permit space, we have implemented the following procedures to inform all employees of the existence, location, and danger posed by permit spaces in Consolidated Waste Industries, Inc. To inform employees of the existence of a permit space, we post appropriate signage bearing the words, "DANGER - PERMIT-REQUIRED CONFINED SPACE, DO NOT ENTER" at each space. To ensure that unauthorized employees do not enter and work in permit spaces, we clearly mark and close off access points to all confined spaces.

Safe Permit Space Entry Procedures

The Project Manager will act in the capacity of Entry Supervisor responsible for authorizing entry and issuing entry permits for work in permit spaces. The file of permits and related documents are kept in the appropriate project file in the Customer Service Department.

The procedures we follow for preparing, issuing, and canceling entry permits include the following elements:

1. Hazard evaluation is completed.
2. The Permit is developed which shall include, at a minimum, the following information:
   a. Location and detailed description of the space, including identified hazards; and work to be performed.
   b. List of the participants in the entry, their entry functions, and signatures.
   c. The anticipated duration of the entry.
   d. Monitoring intervals and area for test result entries.
   e. Check list for safety procedure requirements.
   f. Emergency contacts.
   g. Isolation techniques employed.
   h. Name and signature of the Entry Supervisor.
3. Cancellation of the Permit will occur under the following conditions:
   a. The confined space entry is completed.
   b. A condition that is not allowed under the Permit arises in or near the permit space.

These employees have current authorization to work in or near permit spaces. This list also includes the work activities they are expected to perform.

Montclair Supervisor:	Sean Evans Tabor Nelson Jeanne Delperdang	Mark Freeman Ed McGlothlin	Oakland Supervisor:	Lee Barfield Joseph Brown
Entrant/Attendant:	Sal Luna Tony Ruiz Isidro Aguilera Manuel Ramirez	Juan Gonzalez Johnny Mendoza Ruben Ramirez Andres Gonzalez	Entrant/Attendant:	Edwin Avila Gerardo Romero Sal Rodriguez

Pre-Entry Evaluation

To ensure the safety and health of our employees, before allowing authorized workers to enter a permit space, we evaluate conditions in that space to determine if the conditions are safe for entry. Any employee who enters the space has the opportunity to observe the pre-entry and any subsequent testing. The authorized entrant or that employee's representative also has the option of requesting a reevaluation of the space if they feel that the evaluation was not adequate.

Our company follows the procedures to evaluate each permit space before entry according to 1910.146(c)(5)(ii)(C). This includes testing the internal atmosphere with a calibrated direct-reading instrument for oxygen content, flammable gases and vapors, and potential toxic air contaminants. We also periodically test the atmosphere of the space to ensure that the continuous ventilation is preventing the accumulation of a hazardous atmosphere.

Certification

According to 1910.146(c)(5)(ii)(H), our company verifies that the space is safe for entry and that the pre-entry measures required by 1910.146(c)(5)(ii) have been taken, through a written certification that contains the date, location of the space, and signature of the person providing the certification. At our company, the Project Manager is responsible for verifying these procedures. The certification is made before entry and is available to each employee entering the space.
According to 1910.146(c)(5)(iii), our company documents the basis for determining that all hazards in a permit space have been eliminated, through a certification that contains the date, location of the space, and signature of the person making the determination. At our company, the Project Manager is responsible for documenting this information. The certification is available to each employee entering the space.

Equipment

To ensure the safety and health of our employees, Consolidated Waste Industries, Inc. provides appropriate equipment to all employees who work in or near permit spaces. According to 1910.146(k)(3)(i), each authorized entrant will use a chest or full body harness, with a retrieval line attached at the center of the entrant's back near shoulder level, above the entrant's head, or at another point which Consolidated Waste Industries, Inc. can establish presents a profile small enough for the successful removal of the entrant. Wristlets may be used instead of the chest or full body harness if Consolidated Waste Industries, Inc. can demonstrate that the use of a chest or full body harness is infeasible or creates a greater hazard and that the use of wristlets is the safest and most effective alternative.

We provide the following additional equipment to all employees who work in or near permit spaces:

1. Safety lines and harnesses.
2. All required P.P.E.
3. Extraction Devices and any other retrieval equipment
4. First Aid Equipment
5. Emergency Warning Devices
6. Any required engineering control mechanisms
7. Lockout/Tag Out Equipment as necessary
8. Appropriate Signs and warning tape
9. Respiratory Equipment appropriate to the project

We maintain all equipment in excellent working condition, train the entrants in the correct usage of this equipment, and ensure that all equipment, including that used for personal protection, is used properly.

The Project Manager/Entry Supervisor determines the space to be entered and the work to be performed. He develops the list of equipment to be used on the project and ensures its proper use at the job site.

Duties: Authorized Entrants

Those persons who have completed the training and are authorized to enter our permit spaces (authorized entrants) are assigned specific duties and responsibilities which they must perform when they work in the permit space. Their duties and responsibilities include:

1. Follow the requirements of the Confined Space Program and all entry procedures.
2. Carry out all entry team functions as defined in the Site Specific Health and Safety Plan.
3. Keep regular communication with the Attendant while occupying the confined space.

4. Keep training up to date
5. Report all work related injuries or illness immediately to the Entry Supervisor, and
6. Use appropriate safety and personal protective equipment as provided

The elements covered in the training program for authorized entrants includes: 24 Hours of Initial Confined Space Entry training including case histories, regulations governing confined space work, atmospheric hazards, ventilation, respiratory protection, the entry permit system, hot work, confined space rescue. Review training is provided whenever there are significant changes in the scope of the confined spaces CWI personnel will be asked to enter, changes occur in regulatory requirements, and/or whenever an authorized entrant develops actions which indicate that the work is not being performed in a safe manner consistent with entry policies and practices

Duties: Attendants

Those persons who have completed the training and have been designated as permit space attendants are assigned specific duties and responsibilities which they must perform in permit space job duties.

Their duties and responsibilities include:

1. Watch the area around the space entered,
2. Keep people and hazards away,
3. Monitor and communicate with entrants,
4. Know signs of a problem,
5. Summon the rescue team,
6. Begin non-entry rescue,
7. Never enter the confined space.

The elements covered in the training program for permit space attendants include: (Same as Entrant training requirements. CWI trains employees occupying these positions to be used in either role.)

Duties: Entry Supervisors

Those persons who have completed the training and have been designated as permit space entry supervisors are assigned specific duties and responsibilities which they must perform in permit space job duties.

Their duties and responsibilities include:

1. Authorized the confined space entry,
2. Makes sure the permit is complete,
3. Sees that all tests and procedures are done,
4. Determines that all team members and equipment are in place and ready,
5. Oversees follow-up tests done during the entry,
6. Terminates the entry permit when work is done or if a problem develops

The elements covered in the training program for permit space entry supervisors include: (Same as Entrant and Attendant requirements with added emphasis on decision making and hazard assessment)

Training Program

Every employee at Consolidated Waste Industries, Inc. who faces the risk of confined space entry is provided with training so that each designated employee acquires the understanding, knowledge and skills necessary for the safe performance of the duties assigned to them.

Michael Cleveland, MSPH, CIH conducts our permit-required confined space training. All training related materials, documents, and signed certificates are kept in the Compliance/Personnel Office. In our company, all field employees receive training for entry into permit spaces.

When we conduct the training, we use a classroom format including audio/visual, demonstration, and lecture/discussion. This is followed by a practical application portion where each person actually takes part in mock entries. New employees are always trained before their initial assignment of duties.

New employees must go through the initial 24 Hour confined space class curriculum. When changes occur in permit-required confined space areas of our company, we conduct refresher training sessions to bring the confined space entry team members up to date. If we have reason to believe that an employee has deviated from a previously trained procedure or that their knowledge seems inadequate, we either retrain the employee or remove them from the authorized confined space entry team member list.

Upon successful completion of Consolidated Waste Industries, Inc. permit-required confined space training program, each participant receives a certificate signifying their successful completion and understanding of the course elements.

Rescue and Emergency Services

Consolidated Waste Industries, Inc. utilizes its own employees whenever possible to perform immediate rescue services in the event of a permit space incident. This group of employees have been trained, at a minimum, to:

- Perform the assigned rescue duties;
- Correctly use personal protective equipment (PPE) required for the job;
- Establish proficiency as an authorized entrant, as provided by 1910.146(g) and (h), and
- Perform basic first-aid and cardiopulmonary resuscitation (CPR)

Consolidated Waste Industries, Inc. also ensures that at least one member of the rescue team holds a current certification in first-aid and CPR, and that affected employees practice making permit space rescues at least once every 12 months, by means of simulated rescue operations in which they remove dummies, mankins, or actual persons from the actual permit spaces or from representative permit spaces. Representative permit spaces will, with respect to opening size, configuration, and accessibility, simulate the types of permit spaces from which rescue is to be performed.

Whenever possible Apex Safety and Health Consultants or Safety Unlimited conducts our rescue and emergency training. Any employee trained as an Entry Supervisor, Entrant or Attendant has been trained to respond in the capacity as a rescuer.

Post-operations Procedures

Upon completion of work in a permit space the Entry Supervisor account for all entrants and attendants before the physical closing of the confined space, initializing reactivation of affected equipment, and finishing out the permit.

Review-Procedures

To ensure that all employees participating in entry operations are protected from permit space hazards, Consolidated Waste Industries, Inc. reviews the Permit-Required Confined Space Entry Program on a regular basis. We use the retained canceled permits from the past 12 months within one year after each entry and revise the program as necessary. Consolidated Waste Industries, Inc. performs a single annual review covering all entries performed during a 12 month period. If no entry is performed during a 12 month period, no review will be performed.

Enforcement

Constant awareness of and respect for permit-required confined space entry hazards, and compliance with all safety rules are considered conditions of employment. Supervisors and individuals in the Safety and Personnel Department reserve the right to issue disciplinary warnings to employees, up to and including termination, for failure to follow the guidelines of this permit entry program.

ATTACHMENT A

CONFINED SPACE ENTRY PERMIT

DATE _____ PROJECT NO. _____ CONFINED SPACE ENTRY PERMIT NO. _____

JOB LOCATION: _____

WORK OBJECTIVE(S): _____

CONFINED SPACE PREPARATION: _____

CONFINED SPACE ISOLATION: _____

ATMOSPHERE TESTING:

Test	Location	Reading	Time	Initials
1 OXYGEN (%)				
FLAMABILITY (% LEL)				
TOXIC, GASES VAPORS, DUSTS				
Specify				
2 OXYGEN (%)				
FLAMABILITY (% LEL)				
TOXIC, GASES VAPORS, DUSTS				
Specify				

CONFINED SPACE CLASS: ☐ A ☐ B ☐ C

RESPIRATORY PROTECTION REQUIRED: _____

PROTECTIVE EQUIPMENT REQUIRED: _____

PERSONNEL ENTERING: _____ (print name) _____ (signature)

STANDBY PERSON: _____

ATMOSPHERE TESTER: _____

PROJECT MANAGER: _____

OPERATIONS MANAGER: _____

EMERGENCY TELEPHONE _____ OTHER _____

GUIDELINES MUST BE ADDRESSED

1. IS THE PRODUCT REMOVED ?

☐ YES ☐ NOT NECESSARY

2. IS THE CONFINED SPACE CLEANED, WASHED, AND PURGED ?

☐ YES ☐ NOT NECESSARY

3. IS ALL ELECTRICAL, MECHANICAL, AND PNEUMATIC SYSTEMS PROPERLY LOCKED AND TAGGED ?

☐ YES ☐ NOT NECESSARY

4. ARE ALL PRODUCT LINES ENTERING THE CONFINED SPACE DISCONNECTED, BLINDED, OR BLOCKED OFF ?

☐ YES ☐ NOT NECESSARY

5. IS A COMPETENT PERSON ASSIGNED TO THE ATMOSPHERE TESTING DUTIES ? IF NOT, DO NOT PROCEED WIT

CHECK LIST. ☐ YES

6. WAS THE SURROUNDING AREA CHECKED FOR FLAMMABLE GASES, VAPORS, OR DUSTS ?

☐ YES TIME: _____ ☐ NOT NECESSARY

FOR OXYGEN DEFICIENCY ?

☐ YES TIME: _____ ☐ NOT NECESSARY

7. IS THE STANDBY OBSERVER ASSIGNED PROPERLY INSTRUCTED IN OPERATIONS AND RESCUE PROCEDURES ?

IF NOT, DO NOT PROCEED WITH CHECK LIST. ☐ YES NAME: _____

8. ARE ALL EMPLOYEES ASSIGNED ENTRY TRAINED IN EMERGENCY PROCEDURES ? IF NOT, DO NOT PROCEED WIT

CHECK LIST. ☐ YES

9. IS A SELF CONTAINED BREATHING APPARATUS READILY AVAILABLE FOR EMERGENCY ? IF NOT, DO NOT PROCEE

WITH CHECK LIST. ☐ YES

10. IS LIFELINE, HARNESS, EXTRACTION DEVICE PRESENT AND IN GOOD WORKING ORDER ?

☐ YES ☐ NOT NECESSARY

REMARKS:

ATTACHMENT B

STANDBY OBSERVER'S CHECK LIST

1. Valid confined space entry permit posted _____ ☐
2. Harness and life line present and in good condition _____ ☐
3. Instructed in use of life line and harness _____ ☐
4. Location of telephone or two-way radio known _____ ☐
5. Knows location of work at the job site _____ ☐
6. Knows how to report an emergency _____ ☐
7. Knows not to leave site when employee(s) are inside, except to make emergency call _____ ☐
8. Knows NOT TO ENTER CONFINED SPACE FOR ANY REASON other than rescue after informing others of intent _____ ☐
9. Knows location of safety shower, eye wash _____ ☐
10. Knows location of fire extinguisher and instructed in use _____ ☐
11. Understands operation of air mover or other ventilating equipment _____ ☐
12. Understands operation of supplied air respirators (air line and self contained) _____ ☐
13. Informed of the potential hazards present and work to be performed _____ ☐
14. Has necessary safety equipment for rescue _____ ☐

SUPPLEMENTAL ATMOSPHERE TESTING DATA SHEET FOR CONFINED SPACE ENTRY PERMIT

DATE _____ PROJECT NO. _____ CONFINED SPACE ENTRY PERMIT NO. _____

	Test	Location	Reading	Time	In
1	OXYGEN (%)				
	FLAMABILITY (% LEL)				
	TOXIC, GASES, VAPORS, DUSTS				
	Specify				
2	OXYGEN (%)				
	FLAMABILITY (% LEL)				
	TOXIC, GASES, VAPORS, DUSTS				
	Specify				
3	OXYGEN (%)				
	FLAMABILITY (% LEL)				
	TOXIC, GASES, VAPORS, DUSTS				
	Specify				
4	OXYGEN (%)				
	FLAMABILITY (% LEL)				
	TOXIC, GASES, VAPORS, DUSTS				
	Specify				
5	OXYGEN (%)				
	FLAMABILITY (% LEL)				
	TOXIC, GASES, VAPORS, DUSTS				
	Specify				

Location Diagram:

ATTACHMENT 5

TAILGATE SAFETY MEETING
(SAMPLE FORM)

SITE SAFETY BRIEFING

Job Name _____ Number _____

Date _____ Start Time _____ Completed _____

Site Location _____

Type of Work (General) _____

Safety Issues

Tasks (this shift) _____

Protective Clothing/Equipment _____

Chemical Hazards _____

Physical Hazards _____

Control Methods _____

Special Equipment/Techniques _____

Hazard Communication Overview _____

Nearest Phone _____

Hospital Name/Address _____

Special Topics (incidents, actions taken, etc.) _____

ATTENDEES

Print Name	Sign Name

Meeting conducted by _____

Sitepln.doc

ATTACHMENT 6

CERCLA APPROVAL, Demenno Kerdoon

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

FEB 2 5 2001

N. Bonnie Booth
Manager, Environmental Affairs
DeMenno/Kerdoon
2000 N. Alameda Street
Compton, CA 90222

RE: EPA Determination of Acceptability under the CERCLA Off-Site Rule

Dear Ms. Booth;

In response to your request for approval to accept CERCLA waste at your facility, this letter serves to inform you that the U.S. Environmental Protection Agency (EPA), Region 9 has made an affirmative determination regarding the DeMenno/Kerdoon facility's status under the CERCLA Off-Site Rule, 40 CFR. §300.440. As of the date of this letter, DeMenno/Kerdoon may accept CERCLA waste generated as a result of remedial or removal action, provided that such receipt is in accordance with the facility's RCRA permit and the facility's Industrial Wastewater Discharge Permit.

On September 16, 1993, EPA amended the National Oil and Hazardous Substance Pollution Contingency Plan (NCP), 40 CFR Part 300, by adding Section 300.440, now known as the Off-Site Rule ("Rule"). The Rule codifies the requirements contained in Section 121(d)(3) of CERCLA, 42 U.S.C. §9621(d)(3), and incorporates many provisions of EPA's former Off-Site Policy . The Rule established criteria and procedures for determining whether facilities are acceptable for the receipt of CERCLA waste.

In accordance with the Rule, EPA reserves the right to re-evaluate the acceptability of DeMenno/Kerdoon to receive CERCLA waste should any new information affecting this determination be obtained in the future.

If you have any questions concerning this matter, please contact Kandice Bellamy, Region 9's CERCLA Off-Site Rule Coordinator, at (415) 972-3304.

Sincerely,

Kandice Bellamy

cc: Medhi Nobari, DTSC Glendale

---Revised July 6, 2001—

Hazardous Wastes Accepted by D/K	California Waste Codes	RCRA Waste Codes
Used Oil Includes: Used Lubricating Oil and Industrial Oil, Contaminated Fuels, Gasoline, Jet Fuel, Petroleum Tank Bottoms, Diesel, Crude Oil, Cutting Oil, Hydrocarbon Solvents, Stoddard Solvent, Mineral Spirits, Oil Field Wastes, Refinery Wastes, Oil Spill Clean-up, Waste Ink and Used Heat Transfer Fluids.	121, 122, 123, 131, 132, 133, 134, 135, 161, 211, 212, 213, 214, 221, 222, 223, 241, 251, 252, 271, 272, 281, 291, 331, 341, 342, 343, 451, 461, 481, 491, 561, 611, 612, 721, 722, 723, 724, 726, 728, 741, 751.	D001, D005, D006, D007, D008, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, D043.
Oily Water Includes: Contaminated Rain Water, Oil Spill Clean-up, Bilge Water, Clarifier Clean-out, Water Based Cutting oil, Industrial Waste Waters contaminated with Oil and Sludge, Tank Bottoms and Rinseate from Underground Tank Removal and Testing, Tank Cleaning Wastes, and Hazardous Waste Water contaminated with other hydrocarbons.	121, 122, 123, 131, 132, 133, 134, 135, 141, 161, 211, 212, 213, 214, 221, 222, 223, 241, 251, 252, 271, 272, 281, 291, 331, 341, 342, 343, 411, 421, 441, 451, 461, 491, 521, 561, 571, 611, 612, 721, 722, 723, 724, 726, 728, 741, 751.	D001, D002, D005, D006, D007, D008, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, D043.
Waste Antifreeze and Glycol Includes: Antifreeze Coolant, Used Glycols, Waste Glycol from Polyester Production, Used Glycol Heat Transfer Fluids, Waste Glycol from Gas Dehydration, and other Automobile and Industrial Antifreeze and Glycol.	121, 122, 123, 131, 132, 133, 134, 135, 212, 214, 221, 222, 223, 241, 252, 271, 272, 331, 341, 342, 343, 611, 612, 721, 722, 723, 724, 726, 728, 741, 751.	D001, D002, D005, D006, D007, D008, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, D043.
Waste RCRA Fuels Includes: Used Solvents, Paint related Materials, Contaminated Used Oil, Oil Spill Clean-up, Metal working Waste, Dry Cleaning Waste, and other Industrial Wastes.	133, 161, 211, 212, 213, 214, 221, 222, 223, 241, 251, 252, 271, 272, 281, 291, 331, 341, 342, 343, 451, 461, 481, 491, 611, 612, 721, 722, 723, 724, 725, 726, 727, 728, 741, 751.	D001, D005, D006, D007, D008, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, D043, F001, F002, F003, F004, F005, F037, F038, K048, K049, K050, K051, K052, K086, K087.
Waste Solids Includes: Dirt from Petroleum spills, Used Oil Dry, and Well Drilling Cuttings.	221, 222, 223, 241, 521, 611, 612.	D005, D006, D007, D008.