REDACTED VERSION

OKD070040589

SITE ASSESSMENT REPORT
FOR
TRI CONTAINER
TULSA, ROGERS CO., OK

AUGUST 31, 1995

Prepared for:

J. Chris Petersen
Deputy Project Officer
Response and Prevention Branch
EPA - REGION 6

Contract Number: 68-WO-0037

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Date: August 31, 1995

To: John Martin, OSC
EPA Region 6, Response and Prevention Branch

Thru: J. Chris Petersen, DPO
EPA Region 6, Response and Prevention Branch

Thru: Chris Quina, TATL
Region 6, Technical Assistance Team

From: Richard A. Neeley
Region 6, Technical Assistance Team

Subj: Site Assessment: TRI Container
Tulsa, Rogers Co., OK
TDD#: T06-9503-004
PAN : EOK0419SC
Longitude: 95° 47′ 30" N
Latitude: 36° 11′ 20" W

I. INTRODUCTION

On March 2, 1995, the Region 6 Technical Assistance Team (TAT) was tasked to conduct soil sampling at the TRI Container facility in Tulsa, Rogers County, Oklahoma. The TAT developed a sampling plan and contracted a laboratory for sample analysis.

The site occupies approximately five acres in Sec. 26, T20N, R14E at 17400 East Young Street, Tulsa, Rogers Co., Oklahoma. Latitude and Longitude coordinates were obtained from the USGS 7.5 minute Mingo quadrangle, 1982.

The TAT performed two previous site assessments, a preliminary site assessment (TDD No. T06-9311-011), and a records search (TDD No. T06-9407-023). The TAT is currently conducting Removal activities under TDD No. T06-9410-120.

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II. BACKGROUND

TRI Container (formerly Tulsa Recon) operated as a drum manufacturing and a refurbishing facility for 18 years. It was abandoned approximately two and a half years prior to the date of this report. The property contains a large warehouse divided into a north and south bay, two sheds, a large unlined waste water pond, ten storage tanks with 44,000 gallons of waste oil, a large vat of sludge waste, nearly 2000 drums with contents, and an estimated 10,000 empty drums.

III. ACTIONS TAKEN

On March 16, 1995, the TAT collected fourteen soil samples (Attachment C). Four of these samples were taken at a depth of approximately 18 inches, and ten were collected from the 0-2 inch depth interval. All samples were judgemental samples of visibly contaminated soil collected for screening purposes. Many areas of the north and south yards have oil stained, green and red colored soils. The samples were sent to an analytical laboratory for analysis of TCL metals and cyanide, TCL semivolatiles, and TOC. Analytical results for samples high in total lead and chromium are as follows: The first letter of the sample number refers to the location. The second letter S refers to a surface sample collected from the 0-2 inch depth interval. B-S = 9000 ppm Pb, 1580 ppm Cr; G-S = 1040 ppm Pb, 247 ppm Cr; H-S = 540 ppm Pb, 113 ppm Cr; I-S = 9100 ppm Pb, 423 ppm Cr. Results for cyanide, semivolatiles, and TOC are either below detection limits or action levels.

On May 8, 1995, the TAT collected twenty-four surface soil samples. Analytical results from samples collected on March 16, 1995, suggested that the site was contaminated with high levels of lead and cadmium. The sample area was expanded to include all visibly contaminated areas primarily in the south and north yards. Samples were collected and analyzed by the TAT for total metals analysis using the Spectrace 6000, a transportable laboratory grade energy dispersive XRF instrument. Eleven samples exhibited lead concentrations greater than 1000 ppm, and fifteen samples exhibited chromium levels greater than 200 ppm.

On May 10, 1995, the TAT collected a total of five samples for analysis of eight TCLP metals by an analytical laboratory. Two samples of stained soil (one red, one green), and a sample from each of two piles created by the ERCS contractor for stabilization studies were collected. The two piles were mixtures of kiln dust, cement, stained soils, and water. One sample was collected from oil stained soil stockpiled on-site. The soil stockpile was generated during the initial emergency response and left on-site by the cleanup contractor. Information regarding the emergency response may be obtained from the report for TDD No. T06-9311-011. All samples passed TCLP except the green stained soil (Sample No. TRI-Grn) which failed TCLP for lead. The result was 6.07 mg/L, slightly elevated above the maximum limit of 5.0 mg/L.

On June 6, 1995, the TAT collected and analyzed ten surface soil samples for total metals using the Spectrace 6000. The sample locations were based upon results from samples collected on May 8, 1995, and were limited to areas surrounding the vat, the south side of the south warehouse, and selected areas in the south yard. These areas exhibited high levels of lead and chromium and further information was needed to delimit the area. Areas were divided into grids and five-point composite samples were collected (Attachment C). All samples except number B9 had lead concentrations greater than 1000 ppm, and chromium concentrations greater than 300 ppm.

On July 26, 1995, the ERCS contractor began removing visibly contaminated soil to a depth of one to two feet from the five areas discussed in the previous paragraph. On July 28, 1995, the TAT collected five, five-point composite soil samples, one from each area, to determine if cleanup objectives were achieved. Samples were analyzed by the TAT for total metals using the Spectrace 6000. Analytical results were below action levels for lead and chromium.

On August 5, 1995, the TAT was tasked to perform an extent of contamination survey. Depending upon the depth of contamination, a ground water study may be required. The study was limited to the cement slab, vat, and western edge of the waste water pond. Depth samples were collected from intervals ranging from 6 inches to four feet below the surface with a subsurface soil probe. Areas where samples were collected at the two to four foot depth were first excavated to a depth of two feet by a back hoe. Each two-foot sample interval was logged to note visual contamination and depth. Contaminated intervals were sampled and analyzed by the TAT for total metals using the Spectrace 6000. Sample results were all below action levels for lead and chromium, therefore, a groundwater study was determined to be unnecessary at this time.

ATTACHMENTS:

A. Site Location Map
B. Site Sketch
C. Sample Location Maps
D. Copy of Site Assessment Logbook pages 1-8
E. Copy of Removal Logbooks pages #3 (21-23), #4 (29,31,39,40), #5 (8-10)
F. Analytical Results
G. Analytical QA/QC (TAT file only, under separate cover)
H. Environmental Justice Report (1 and 50 mile radius)
I. Copy of TDD# T06-9503-004 and Amendments A and B

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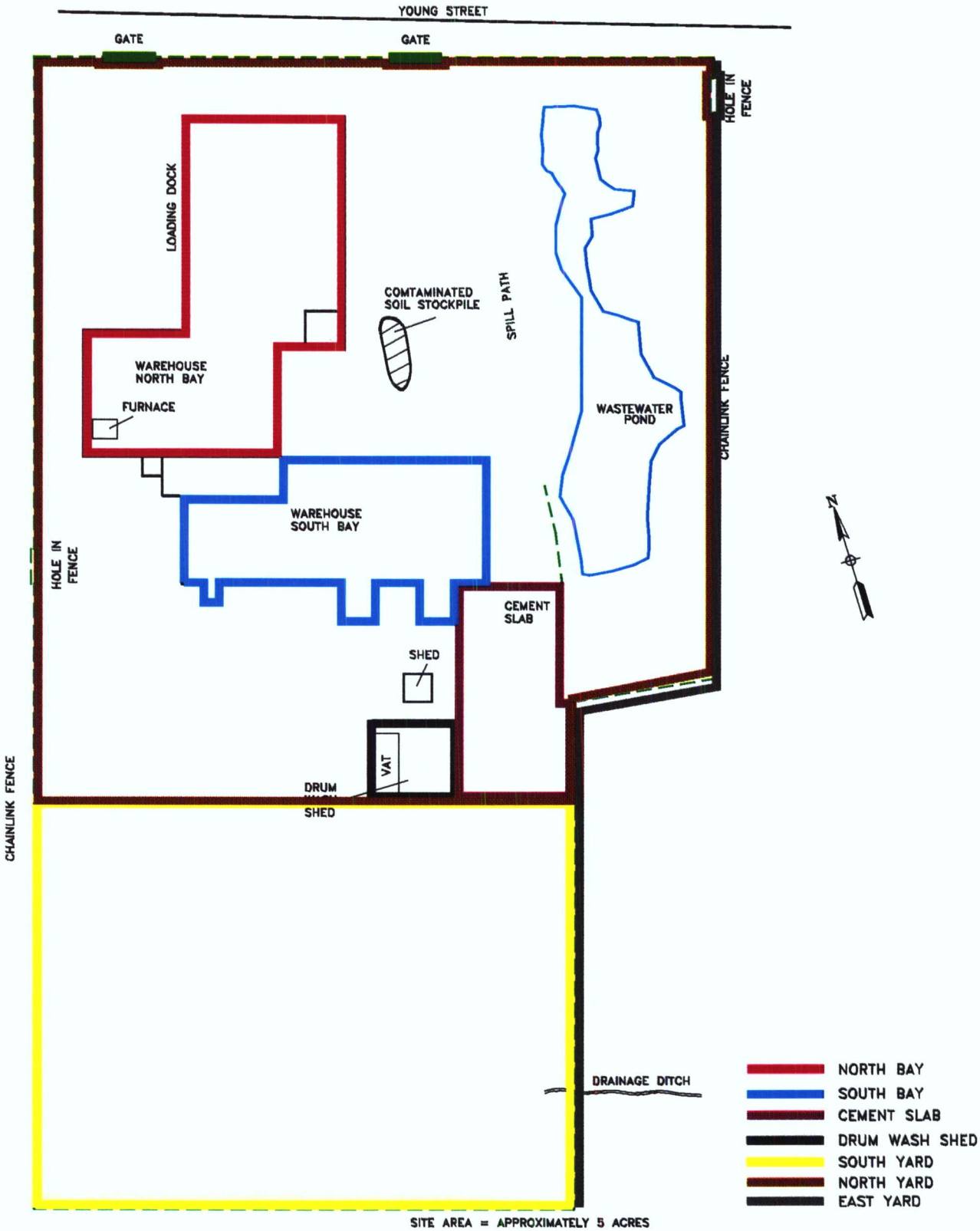
ATTACHMENT A

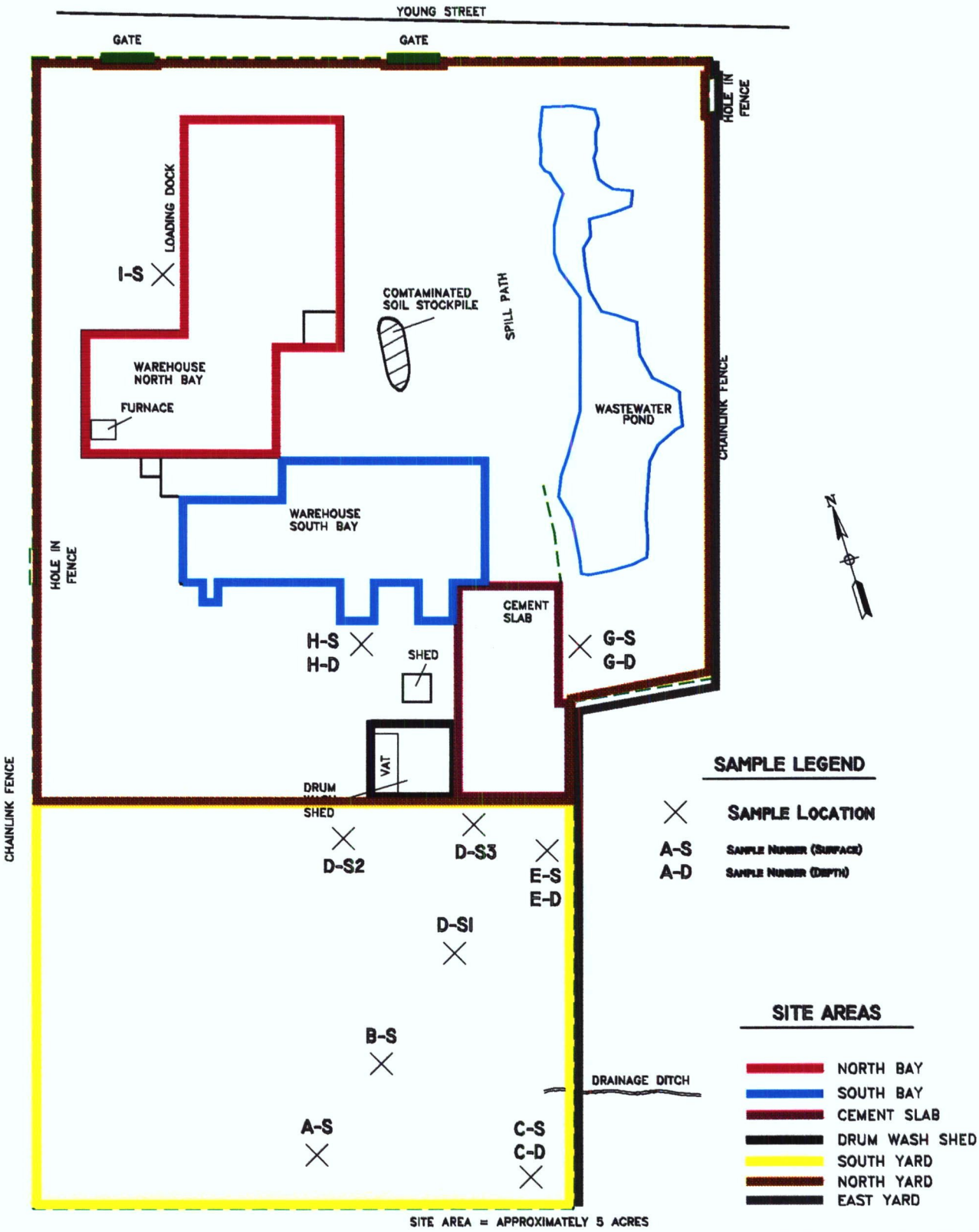
Ecology and Environment, Inc. Technical Assistance Team Region 6	CERCLIS/CASE# OKD070040589	TDD# T06-9503-004
	SOURCE: ROAD MAP	

ATTACHMENT B



Ecology and Environment, Inc. Technical Assistance Team Region 6	TDD# T06-9503-004	PAN EOK0419SC
	TRI CONTAINER, INC. 17400 E. YOUNG STREET TULSA, OK 74116	

ATTACHMENT C



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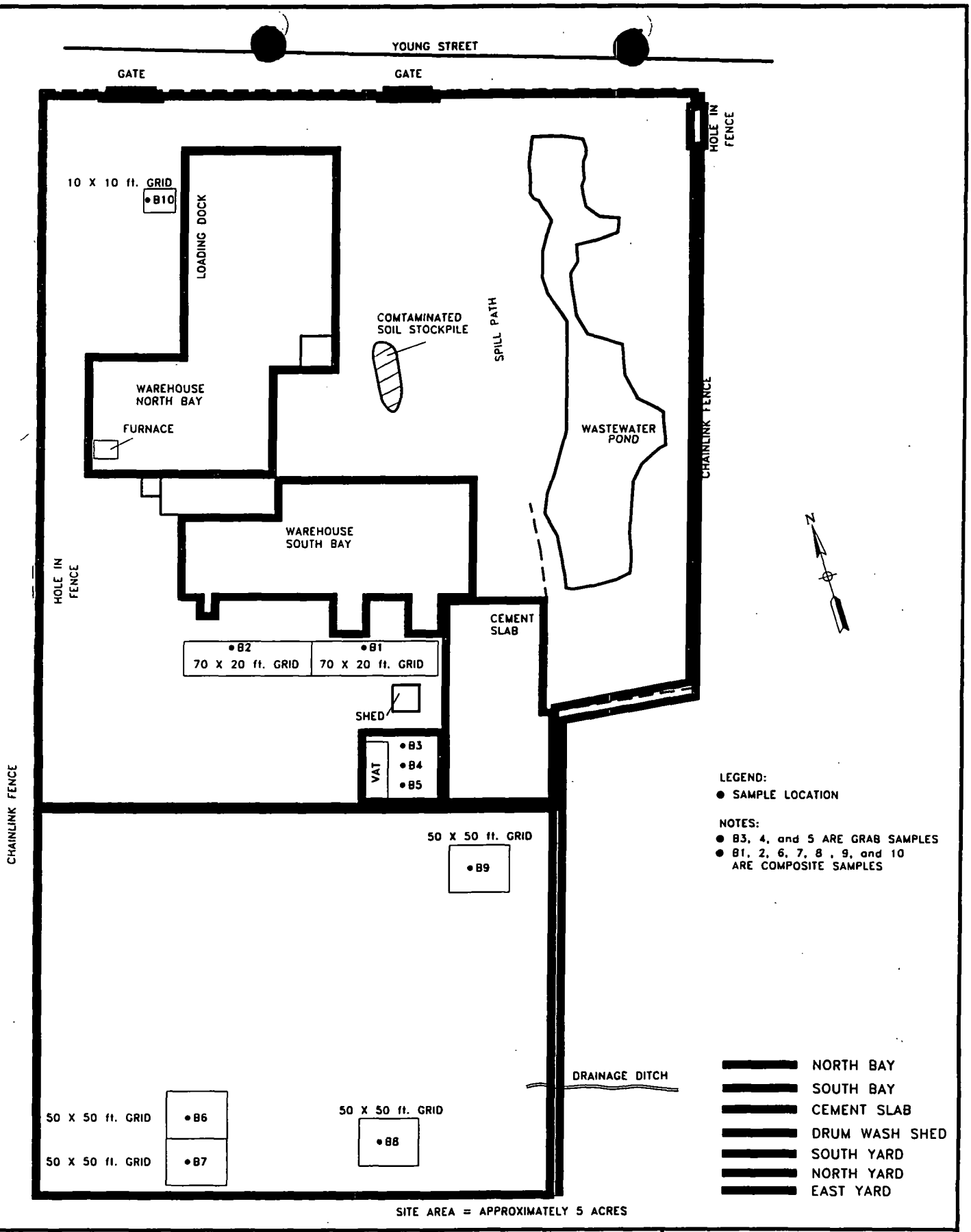

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ATTACHMENT D

E & E Job Number _____

Telephone Code Number _____

Site Name Tri Container Site

City/State Tulsa, Oklahoma

TDD T06-9503-004

PAN EØK0419SCA

SSID _____

Start/Finish Date _____ / _____

Book _____ of _____

E & E Emergency Response Center: (716) 684-8940
E & E Corporate Center: (716) 684-8060
MEDTOX Hotline: (501) 370-8263
E & E Safety Director (Home): (716) 655-1260

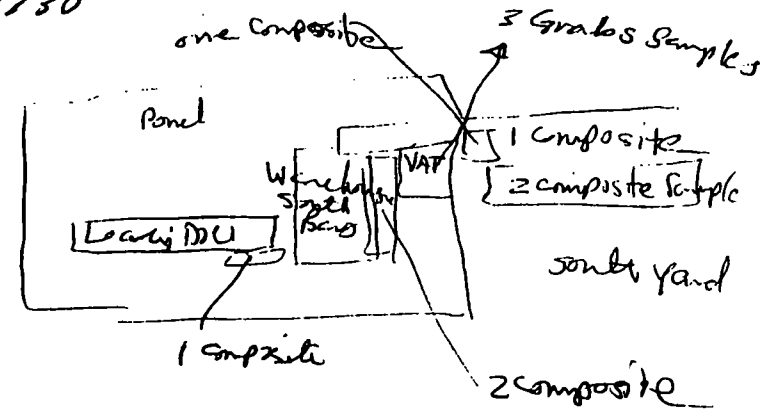
06/4/95 Tri Container T06-9503-004
0600 TAT Maher Tanbouz at warehouse in Houston, Tx, to load EPA Truck to go to Tri container site in Tulsa Oklahoma. TAT expect to meet with EPA - OSC John Martin and ERCS/P.M. Leroy cassiday to discuss future Removal plans and TAT expect to collect soil samples for TCLP and XRF ——.
0630 TAT depart warehouse ——
2000 TAT arrive at Hotel in Tulsa Oklahoma ——

Maher Tanbouz

06/5/95 Tri Container T06-9503-004
0700 TAT Maher Tanbouz at Tri Container site waiting for OSC and Cassiday —— work plans: - to tour site and collect several soil samples ——
Weather Cloudy expect Rain and Thunder thoughout the day ——
1030 OSC Martin at site ——
OSC informed TAT that TAT will collect soil samples ——
1130 OSC place a call to ERCS mobil office to find when Cassiday expect at site. He was told that plane was cancelled but he will arrive around 3 p.m. Today ——
1510 ERCS Cassiday on-site ——
1530 OSC, TAT, and Cassiday tour site. ——
1700 OSC told TAT that he need 10 soil samples be collected for XRF and be sent to TAT Creek site in Miami Oklahoma for Metal Test.

Maher

06/5/95 Tri Container TOC-9503-004
1730



Total 10 Soil Samples
Samples will be collected tommorrow
1800 TAT, OSC Ercs depart Site

06/6/95 Tri Container TOC-9503-004
0700 TAT Tanbarz OSC Martin and Ercs Cassidy on-site
work plans: TAT will collect 10 soil samples and then drive to Tar Creek Site to drop off Sample for XRF Screening
Samples will be collected in level C
Leroy Cassidy will help TAT to Grid the Site
1030 TAT Collected 10 soil samples (See next page)
1100 TAT check out from Hotel then drive to TAR Creek to drop off samples
1230 TAT at TAR Creek left 10 Soil Samples in Zip Lock Bags
1300 TAT Tanbarz depart to Houston
1930 TAT Stop in Dallas for Rest to depart to Houston tommorrow
TAT will stay with Relatives in Dallas

6/6/95 Tri Container TOC-9503-004

Soil Samples

Samples I.D.	Time	Matrix	Location and comment -
B1	0730	5 point composite	in South Yard (70x20 ft Area)
B2	0740	5 point composite	= = = = = =
B3	0800	Grab	in the VAT Area under
B4	0805	Grab	~~[illegible]~~ the Shed.
B5	0810	Grab	50x50 Area in South
B6	0820	Composite	Yard Area
B7	0840	Composite	
B8	0850	Composite	
B9	0920	Composite	50x50 Area in South Yard
B10	0930	Composite	10x10 Area in loading Dock Area

make two

6/8/95 Tri Container TOC-9503-004

0700 TAT Tanbry depart to Houston.

1230 TAT at warehouse to unload and Clean Truck

1500 TAT depart warehouse for the day

make two

8/22/95 TRI container TOC-5503-004
<1410> Lake entry. Additional site
assessment activity was on 3/16 and 3/17/95.
~~[illegible]~~ See Removal logbook #3 pgs
21-23. TAT collected 14 Soil Samples
for lab analysis.
Other site assessment Soil Sampling is
noted in logbook 4 (Removal TDD TOC-9410-120)
on: 5/8/95 pg 29, 5/10/95 pg. 31,
7/28/95 pg 39-40.
Additional Site assessment activity is
noted in removal logbook #5 for
TDD TOC-9410-120 on 8/5/95 pgs 8-10.

ATTACHMENT E

March 16, 95 — Sample Log — TOC-9410-120

#	Sample #	Time	G/C	Pre.	Location	Comments	# of Jars
1	A-S	1605	G	Ice	South yard	South central Area	43
2	B-S	1535	G			S.E. central area	43
3	C-S	1540	G			S.E. corner	43
4	C-D	1545				"	43
5	D-S1	1450				N.E. center	43
6	D-S2	1440				N central	43
7	D-S3	1455				N.E. corner	43
8	E-S	1500				N.E. corner along fence	43
9	E-D	1510				"	43
10	G-S	1520			North yard	E. of cement slap in drainage ditch	43
11	G-D	1530				"	43
12	H-S	1415				S. side of S. bay warehouse	43
13	H-D	1415				"	43
14	I-S	1400				NW corner of loading dock of N. bay warehouse	43

Fourteen soil samples collected at locations A-I, water sample (F) was not collected. Depth samples (approx. 18 inches) were collected at four of the locations (C, E, G, and H). Three 8 oz jars were filled for each sample to perform the following analyses:
(1) TCL metals (23 + CN), EPA 6010
(2) TCL Semivolatiles, EPA 8270
(3) TOC, EPA 9060

3/17/95 — TRI container — TOC-9410-120

0700 TAT Rick Neeley, Anan Hammad on-site. ERCS Cassidy, Larry Lee, Frankie Godwin, Keith Stedman, Joey Pitman, Cornelius Miles, Chris Robinson, Mike Patton, Tim Fernandez, Mike Murphy.

0710 Site Safety: stay clear of drum staging, inventory, sampling hazardous activities. Slip, Trip, fall hazards, contaminants of concern are: [illegible], coaches, waste oil all points. Weather today is clear, temp 70's.

0715 TAT workplan today is to continue sample paperwork and prepare soil samples collected yesterday for shipment to: Inchcape Testing Services. Dallas, Tx 214-238-5591.

0930 TAT (2) finish sample paperwork and packaging for Fed Ex. Airbill # 4125765766.

1000 TAT Neeley and Hammad off-site to hotel and then airport

1045 TAT Neeley drop off soil samples at Fed. Ex.

1110 TAT Neeley on-site.

1130 Perma Fix representatives on-site to discuss disposal options with ERCS Cassidy and Lee.

1220 TAT off-site for lunch

1320 TAT on-site.

1340 This morning ERCS crew de-headed 40 drums in south yard. Other crew applied Flammable stickers to drums in North Bay. ERCS preparing to continue labeling drums in North Bay. Other crew will begin sorting drums in South Yard. Foreman Frankie Godwin off-site for rest of day. Labeling of drums for transport off-site monday 3/27/95 for Heat Disposal. ERCS crew checking drums / lids labels etc. to prepare for transport and disposal.

1520 ERCS crew opening drums in north Bay checking contents for garbage / % full and 5-gal pails etc then staging for transport off-site. Cassidy and Lee checking analytical data with drum samples.

1730 ERCS crew preparing to end the days work - bring indoors equipment air hoses etc.

1800 TAT, ERCS off-site. [signature]

Wed. March 15, 95 T06 9410 920

0700 TAT Anan Hammad, ERCS: Leroy Cassidy, Larry Lee, Frankie Godwin, Keith Stedman, Joey Pittman, Cornelius Myles, Chris Robinson, Mike Patton, Tim Bermuda & Mike Murphy onsite.

0716 Site Safety meeting & Scope of work: Today's weather is RC with a chance of rain & temp in the upper 60's. Safety issues: Slip/trip/fall & stay clear of drum operations areas & the forklifts. TAT will perform contractor monitoring. ERCS should continue to: ① Sort drums in the south yard & prepare drums for shipping ② & De-head sampled drums

1025 ERCS Lee, Cassidy, Murphy & OSC Martin off-site, to tour the Waste Management landfill.

1300 ERCS crew on lunch break

1325 ERCS Lee, Cassidy, Murphy & OSC Martin onsite.

30 ERCS crew preparing to continue today's activities.

1425 ERCS Murphy & Lee off-site. Lee is sick & needed to go to hotel to rest

1600 ERCS Murphy onsite

1715 Security onsite, ERCS preparing for tomorrow's activities.

1745 Summary of the day:

1) 21 drums were sorted in the South yard.

2) 42 drums were deheaded & composited.

1800 TAT, OSC & ERCS off-site

AH

Thursday March 16, 95 T06 9410 12

0700 TAT Anan Hammad, ERCS Leroy Cassidy, Frankie Godwin, Keith Sted Joey Pittman, Cornelius Myles, Chris Robinson, Mike Patton, Tim Ber Mike Murphy & OSC John Martin onsite. Security guard off-site. ERCS Larry Lee will be working today due to illness.

0735 S.S.M. & Scope of work: The weather today is sunny & temp in mid 70 Safety issues: Slip/trip/fall stay clear of drum operation areas forklifts, wear proper PPE during soil sampling (level C). TAT will perfo contractor monitoring & collect soil samples. ERCS should continue prepare for shipping four groups (flammable paint sludge/liquids/Ch Ash and flammable liquids) [signature] 1336 hours

0830 Lampton welding supply onsite to deliver ~~bre~~ breathing air

0855 Lampton off-site.

1135 Sooner Drum on site to supply drum lids & rings.

1138 Sooner off-site.

1215 TAT Hammad off-site, in route to airport to pickup TAT Rick Neel

1320 TAT Anan Hammad & Rick Neeley on site

1350 TAT are preparing to start collecting soil samples. 14 (RN 8/24/

1600 TAT collected all soil samples, a total of ~~56~~ soil sam were collected by Anan Hammad & Rick Neeley — AH

TAT 1700 TAT(2) started sample paperwork. Security guard on-site.

1800 TAT(2), ERCS off-site.

* Note the 56 soil samples refers to the number of jars used to collect the 14 individual samples (RN 8/24/95)

[signature]

5/9/95 TRI Container TOC-9410-120

0800 TAT Rick Neeley, OSC John Martin at TRI Container site.
0830 TAT begin preparing samples collected yesterday. Put samples into 4oz. jars/label jars. Ten samples still too wet, will place outside in sunlight to dry. Noted color of samples.
0940 TAT finish 14 samples out of 24.
1000 TAT, OSC off-site to Colinsville
1430 TAT, OSC on-site. TAT puts remaining 10 samples that have been drying outside in sunlight into 4oz jars.
1515 TAT, OSC off-site to Miami, ok. Tar Creek site. to drop off the 24 samples collected at TRI container and the two samples collected at the Acme Brick site in Collinsville, ok. Samples will be run on the Spectrace 6000 for Total metals.
1[illegible] TAT, OSC arrive back in Tulsa, ok for the evening.

[signature]

5/10/95 TRI Container TOC-9410-120

0730 TAT Rick Neeley arrives to site. Workplan today is to collect a few samples for TCLP metals (8) analysis by Inchcape Testing Services in Richardson, TX. TAT begins preparing to demobilize site - will load monitoring equipment, sample equipment, computers, site files into EPA suburban and drive back to Dallas, TX this morning.
0815 OSC John Martin on-site.
0845 TAT, OSC collect samples. Samples are as follows:

TRI-RED	Red/Brn stained soil in South yard - Grab
TRI-GRN	Green stained soil in South yard - Grab
Pile-1N	Kiln dust pile 1 - mix area on cement slab
Pile-2N	Kiln dust pile 2 " " " " "
ERS	ERS stockpile of soil from initial ER.

All samples will be tested for TCLP-metals (8).
0930 TAT off-site. TAT will drive EPA vehicle to Dallas, TX
1630 TAT arrives Dallas.

[signature]

5/6/95 TRI Container TOC-9410-120

0700 TAT Rick Neeley packing to check out of motel.

0745 TAT on-site, ERCS Frankie Godwin, Chris Robinson, Mike Murphy on-site

0800 ERCS Workplan: Decontaminate heavy equipment and PPE. Will use steam cleaner.

0805 Site Safety: Stay clear of decontamination activities, heavy machinery. Weather today cloudy rain possible, Temps mid. 60°F. Slip, Trip, Fall hazards.

0900 ERCS Leroy Cassidy, Mike Murphy. Cassidy told TAT he and Murphy on-site at 0700 hours. Left site at 0730 hours.

1030 Raining heavy, ERCS crew in North Bay decanning and performing equipment maintenance.

1100 Leroy Cassidy and Frankie Godwin off-site to pick up a Ryder Truck to load equipment and PPE for demobilization from site next week.

1130 Cassidy and Godwin on-site. Raining heavy, thunderstorm.

1150 ERCS loading 24 gen, 6 closed top steel drums into Truck. Will take off-site to ERCS warehouse and credit EPA. Sooner Container who supplied drums would not take drums back for credit as agreed.

1300 TAT, RM off-site.

5/8/95 TRI Container TOC-9410-12

0845 TAT Neeley leaves home for airport. Flight to Tulsa, OK.

1000 Flight delayed due to weather

1130 TAT arrive airport OSC John Martin at airport to pick-up TAT.

1315 TAT, OSC arrive TRI Container. ERCS crew have equipment loaded trailer CP cleaned up, warehouse bays secured, site secured.

1400 OSC, TAT, ERCS collected 24 soil grab samples (0-2in). Pin flags labeled with sample number at each location. Sample numbers are as follows: TRI 1 - TRI 24. Samples collected in pie tins and stored in warehouse (north bay) to dry before transferring to jars. Samples will be analyzed for total metals using the SpecTrace 6000 Instrument is currently being used at Tar Creek site in Miami, OK. TAT and OSC will drive samples to Tar Creek.

1615 ERCS Leroy Cassidy, Frankie Godwin, Chris Robinson, Mike Murphy, and Tim Bernader demobilized the site. Waste Management (WM) truck on-site to pick-up roll-off container of RCRA ~~Empty~~ crushed drums. Could not copy manifest - copy machine picked up by vendor earlier today. Manifest number is 58, there are 47 drums.

1700 Security guard on-site

1730 TAT off-site.

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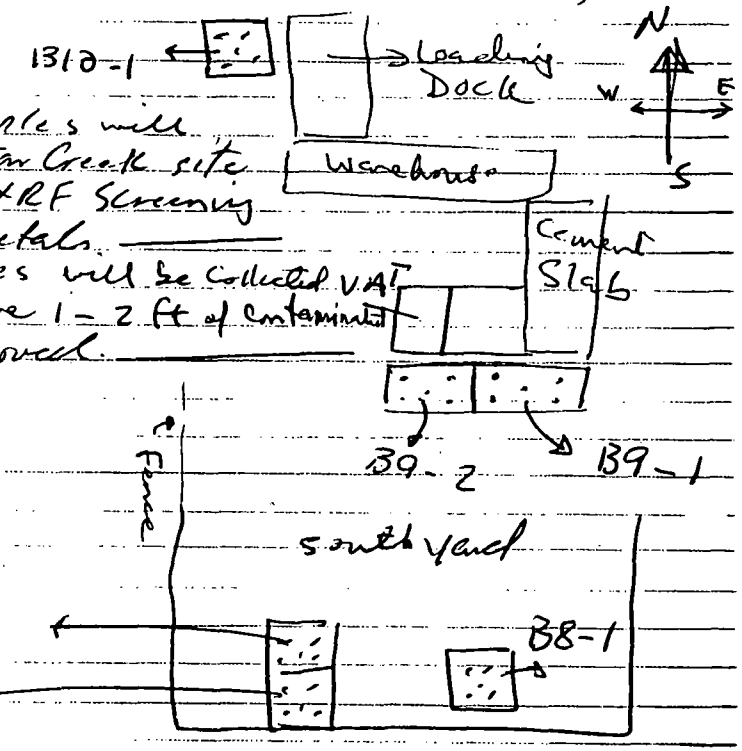
7-27-95 TRI Container Site 106-9410-120

1525 Hertz Rental Rep. deliver Backhoe to site —
1630 Encs finish Digging Area Next to Loading Dock —
1645 Encs digging Contaminated soil stockpile —
All dug soil are pile all together for later disposal as non-hazard pending TCLP Results. —
1730 Encs, TAT, OSC depart site for the day —

1-28-95 TRI Container Site 106-9410-120

0700 TAT Mike Tanbouz, OSC John Martin, Encs Leroy Cassidey, Charles McDonald, Randall Gurgan Tim Bermuda, Cornelius Myles and Tim Henry on-site.

0710 Encs Cassidey Conducts Safety Meeting and Prepare work plans for the day. Safety Concerns:- Metal (lead) in soil. Heat Stress (Temp 110°), Fall Trip/slip, watch for Heavy equipment while in operation. Work plans:- ① Ship Heat load ② USPCI load (Drums) ③ USPCI load (Tanks) ④ Set up area in soil pile for Sludge ⑤ Remove water from behind warehouse. TAT will collect 6 Confirmation Samples (soil) from the following Area: (5 Point Composite Samples)



All soil samples will be sent to Tar Creek site to conduct XRF Screening for Total metals. —
The soil samples will be collected by TAT in Areas where 1-2 ft of contaminated soil were removed. —

7-28-95 Tri Container Site T06-9410-120

0720 Ercs Crew Continue to remove Contaminated Soil into one pile Behind VAT Area, Sludge and water and fly Ash to mix all with excavated Soil for late to take one TCLP Samples. (MD)

0730 TAT Turbony depart site to Buy Trowels ~~and~~ for Sampling Soil

0830 TAT Back on site. Truck Haz & Non-Haz waste Service (HEAT) onsite to Load overpack Drums

0840 TAT start collecting Soil Samples

Sample #	Time
B9-2	0845
B9-1	0848
B8-1	855
B7-1	0900
B6-1	0905

make tracks

0910 2nd Heat Truck on-site

total load Shiped on first Truck = 46(55g) = 2530g and 7(55g) = 358g (Manifest # 00773174

0930 1st Heat Truck depart site, 2nd Truck loading overpacked Drums. (MD)

0935 Sample # B10-1 was not collected Because the Area is Gravel Area, more Digging needed Before Collecting the Soil Sample. (MD)

1025 Ercs Completed loading VSPCI (Drums) Total 58 Drums (3190 Gallons)

Manifest # 89009 (MD)

1040 2nd Truck depart Site (MD)

Area Next to loading Dock, was Dry 2ft, Sample (Soil) Can not be taken because it is gravel Backfill OSC informed TAT Not to take a sample Because soil is gravel (MD)

make tracks

7-28-95 Tri Container Site T06-9410-1

1100 Ercs Removing Contaminated Soil into one pile utilizing Back hoe (MD)

1215: Gurganis, Bermuda, Henry dp site for lunch (OSC maintain logbook

1220: Vac truck arrives. Myles stops lunch to help pump tanks

1310: Crew returned from lunch

1315: OSC, Cassidey, & McDonald dp for lunch & to discuss site operations

1430: Returned from lunch/briefing. Perma-Fix vendor @ CP. They will conduct onsite treatment of the caustics mat'ls next WED.

1535: Vac Truck dp w/ 5500 gal of T1B & T4 remainder

1550: TAT make turbony Back onsite. TAT Turbo Delivered 5 Soil samples to Tar Creek site to run XRF (Metals) screening (MD)

1830 TAT, OSC, Ercs depart site

make tracks

10

08/05/95 T.R.I CONTAINER TOC-9410-120

SAMPLE LOG FOR 8/5/95

NOTE: ALL SAMPLES ARE GRAB (SLAM BAR) SOIL

SAMPLE ID	TIME	SAMPLE LOCATION	COMMENTS
ECS-1A	1000	TOP 6"-12"	Greenish colored
ECS-1B	10.00	BOTTOM 13"-24"	Greenish-brown fine
ECS-2A	1007	BOTTOM 2" Layer	Sample has compacted
~~ECS-2B~~	~~1007~~	~~MIDDLE 14"-15"~~	confining layer
ECS-2B	1007	MIDDLE 14"-15"	Green colored fine
ECS-2C	1007	BOTTOM 2"	Black/dark grey clay
ECS-3	1015	4' DEPTH SAMPLE	Greyish-green fine
ECS-4	1020	3' DEPTH SAMPLE	Greyish-green
ECS-5A	1025	BOTTOM 15" sample	black compacted
ECS-5B	1025	TOP 4"	Green colored
ECS-6	1030	2' sample	Greyish brown
ECS-7A	1035	Bottom 9" sample	greyish brown
ECS-7B	1035	TOP 11" sample	brown sample
ECS-8	1040	2' DEPTH Sample	Greyish brown

1300 ERCS Cassidey & McDonald depart site for the day.

1330 TAT Leshi departs CP for TAR CREEK to deliver samples to crew for XRF analysis.

1330 OSC Martin will maintain logbook

1400 Henry & Myles go to lunch

1430 Henry & Myles return from lunch

1530 OSC Site walk

1600 Returned. Crews are moving solid waste debris from front of S. Bay to back, consolidating contaminated soil from back of S. Yard to the large pile of soil.

1630 TAT Leshi rtns to site. Security guard on-site.

1700 OSC Martin, TAT Leshi & ERCS crew depart site for day.

TOC-9410-120

8/06/95: No site work

08/07/95: No TAT onsite today. Martin will maintain site log book. Weather forecast: clear skies & hot (97°)

0700 ERCS crew onsite except McDonald. ERCS will finish up remainding activities; move rock to shed area, consolidate metal debris to back, crush empty drums, clean out two remaining tanks, & decontn equipment when steam cleaner arrives.

0715: ERCS McDonald arrives.

0805: Martin & Cassidey tour site to discuss needed tasks to complete the project before demob

1155: Martin, Cassidey & McDonald to lunch

1300: Returned from lunch & site discussions. Crew on lunch

1315: Crew returned to outside activities.

1715: Activities progressing well. CP is scheduled to be demob FRI. Partial crew will demob Thurs w/ Smith Equipment. Only remaining task will be to profile the waste pile for disposal. Crew working cleaning the concrete pad area w/ shovels/brooms.

1730: Repair arrives to work on Perma-Fix's forklift that broke down earlier today (∴ their crew dp from site).

815: Crew to CP to fill out Time Sheets & discussed tomorrow's activities

830: Crew dp site.

John Martin

08/05/95 T.R.I CONTAINERS TO6-9410-120

0700 ERCS crew - Cassidey, Gurganis, McDonald, Bermuda, Henry and Myles arive at site. TAT Leshi arrives at site

0705 ERCS Safety meeting conducted by Cassidey. ERCS will continue to pump sludges out of various tanks on site for mixing with the pile staged at SE portion via vac truck transportation, continue mixing the acid vat with Kiln dust, continue mixing pile, crush empty drums, and completely clean out the interahome. TAT continue contractor monitoring, photodocumentation, soil sampling. Physical hazards - slip/trip/fall, uneven terrain, heat stress. Chemical hazards incl: Acids, contaminated sludges, paint chips/waste, caustics/bases. Avoid getting sludge on skin, wear proper PPE to perform functions around tanks. Drink fluids adequately to prevent heat stress. Weather report: Temp is 77°F, 79% humidity, NE wind at 5-10 mph, barometric pressure at 29.90 and rising, high for today in low 90s

0735 ERCS begin site activities.

0800 ERCS Cassidey, TAT Leshi monitor tank T-1C for potential organic vapors prior to pumping activities. OVM monitoring records approximately 10 ppm. Techs to dress in level C to work in tank.

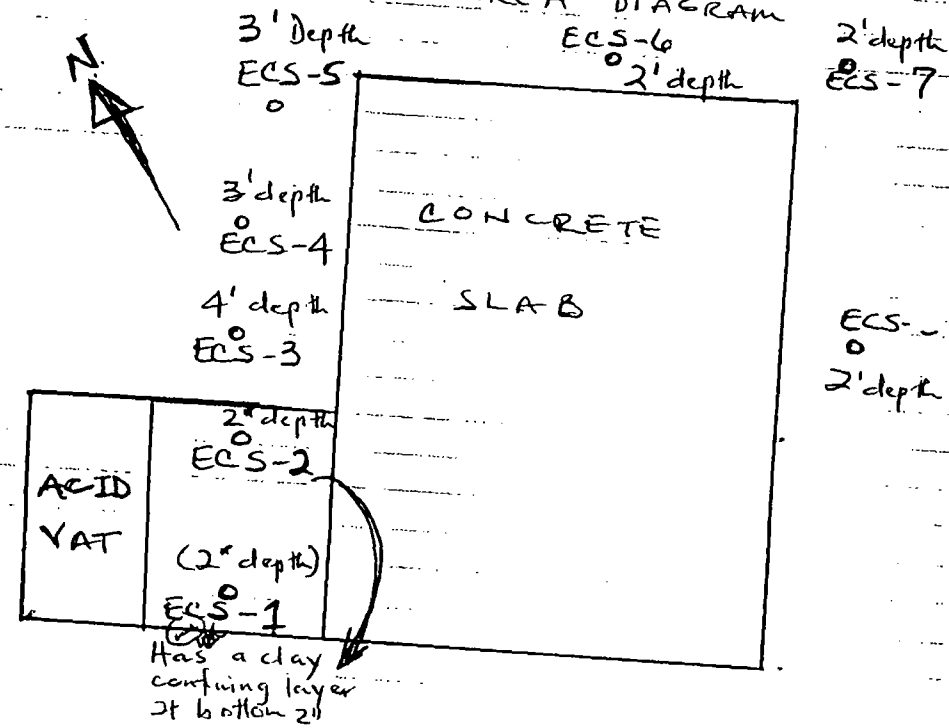
0825 OSC Martin on-site

0900 TAT Leshi, OSC Martin discuss sampling plan (depth) around the concrete slabs by the acid vat and cement slab to survey for potential extent of contamination and ground water gradient. Depth samples will be collected starting from the slab by the VAT area and clockwise to the area by cement slab.

08/05/95 T.R.I. CONTAINER TO6-9410-12

1000 TAT Leshi prepares to collect slam bar depth samples for extent of contamination survey (ECS) towards the downgradient of potential ground water & contamination movement direction.

PROPOSED SAMPLING AREA DIAGRAM



1050 TAT Leshi completes slambar sample collection. OSC Martin assists to segregate samples to distinctive profile using soil color - visual observation in soil sleeves.

ATTACHMENT F

Samples No.	(Pb) PPM	(Cr) PPM	(Ba) PPM	Color Description
TRI 1	134	97	232	Red/Magneta
TRI 2	260	95	286	Red-Brown
TRI 3	397	7045	203	Black Tarry/Oily
TRI 4	70080	10981	1676	Green
TRI 5	355	146	777	Dark Brown
TRI 6	171	73	295	Brown
TRI 7	813	270	615	Brown
TRI 8	67	55	409	Buff/Lt. Tan
TRI 9	2917	679	2258	DG/Black Oily
TRI 10	6608	1450	1675	Grey
TRI 11	374	127	337	Brown
TRI 12	273	135	266	Dark Blue
TRI 13	83	59	241	Brown
TRI 14	249	106	437	Red/Brown
TRI 15	16047	2492	1757	Grey
TRI 16	5755	2466	880	G/Stain On Brn Clay
TRI 17	9070	1927	1111	Grey
TRI 17D	9881	2036	1091	Same As # 17
TRI 18	8110	2347	5528	Green
TRI 19	785	418	214	Rust
TRI 20	451	188	428	B/G/R Multi Colored
TRI 21	6909	1478	3655	Green
TRI 22	809	201	290	Brown
TRI 23	5880	1724	546	Lt. Brown
TRI 23D	7877	2251	683	Same As # 23
TRI 24	26	50	378	Tan

TRI CONTAINER SITE

Concentration Level

Samples No.	(Pb) PPM	(Cr) PPM	(Ba) PPM	Color Description
B1	4173	1864	653	Tan-Brown
B2	5686	1909	585	Tan-Brown
B3	1327	669	1196	Black Tarry/Oily
B4	1273	959	1467	Black Tarry/oily
B5	2731	921	1799	Black Tarry/oily
B6	1042	364	654	Brown
B7	1842	713	925	Brown
B8	5935	2003	784	Brown
B9	355	150	363	Brown
B10	4686	1336	1987	Brown/Black

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : 6+7+8 RUN UNKNOWNS
FILTER USED : PD .05MM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : FUN. PARAMS.

TUBE VOLTAGE : 30 KV
TUBE CURRENT : 0.02 MA
LIVETIME : 100 SEC
PRESET COUNT : 0 K

TIME : 12:52 pm

DATE : 7/31/95

SAMPLE	ELEMENT	CONCENTRATION			ERROR
36-1					
	K	21643.357	PPM	+/-	301.0151
	CA	5344.603	PPM	+/-	127.9329
	TI	5511.781	PPM	+/-	61.2415
	CR	56.362	PPM	+/-	11.2707
	MN	532.970	PPM	+/-	12.8938
	FE	34459.688	PPM	+/-	166.7263
	CO	91.721	PPM	+/-	53.6023
	NI	10.587	PPM	+/-	10.1722
	CU	30.400	PPM	+/-	7.2263
	AS	15.076	PPM	+/-	3.5175
	SE	N D			
	ZN	106.397	PPM	+/-	6.6141
	PB	48.940	PPM	+/-	3.9500
	HG	3.861	PPM	+/-	3.3679
	SB	2.636	PPM	+/-	1.2466
	AG	1.177	PPM	+/-	0.8753
	CD	0.628	PPM	+/-	0.8154
	BA	718.820	PPM	+/-	8.6601
	SIO5	93.142	DIFF		
6-1D					
	K	19247.654	PPM	+/-	288.2531
	CA	7162.875	PPM	+/-	136.4767
	TI	6391.023	PPM	+/-	65.4751
	CR	178.037	PPM	+/-	12.0349
	MN	587.838	PPM	+/-	13.2763
	FE	35365.719	PPM	+/-	1[illegible]4523

Should be B7-1D

NI	29.135	PPM	+/-	.049
CU	36.666	PPM	+/-	.32
AS	21.615	PPM	+/-	2.16
SE	4.757	PPM	+/-	.7901
ZN	139.424	PPM	+/-	7.9045
PB	351.265	PPM	+/-	7.0259
HG	3.189	PPM	+/-	3.5451
SB	4.037	PPM	+/-	1.2816
AG	N D			
CD	4.575	PPM	+/-	0.8086
BA	714.628	PPM	+/-	8.9172
SIO5	92.961	DIFF		

37-1

K	18314.016	PPM	+/-	286.4205
CA	6917.203	PPM	+/-	136.4150
TI	6276.956	PPM	+/-	65.5960
CR	176.193	PPM	+/-	11.8525
MN	516.132	PPM	+/-	12.6769
FE	34720.078	PPM	+/-	167.8084
CO	109.460	PPM	+/-	54.4364
NI	2.765	PPM	+/-	10.7203
CU	45.223	PPM	+/-	7.4698
AS	24.938	PPM	+/-	7.6353
SE	N D			
ZN	147.709	PPM	+/-	7.7050
PB	388.012	PPM	+/-	7.2852
HG	1.600	PPM	+/-	3.5089
SB	4.662	PPM	+/-	1.2481
AG	N D			
CD	N D			
BA	662.223	PPM	+/-	8.6088
SIO5	93.169	DIFF		

39-1

K	12410.258	PPM	+/-	241.5529
CA	7942.088	PPM	+/-	138.3178
TI	4032.585	PPM	+/-	52.4626
CR	57.687	PPM	+/-	10.1432
MN	1353.121	PPM	+/-	16.5614
FE	31730.143	PPM	+/-	158.4347
CO	169.108	PPM	+/-	51.2680
NI	20.581	PPM	+/-	9.7908
CU	19.930	PPM	+/-	6.7156
AS	12.992	PPM	+/-	3.2847
SE	N D			
ZN	66.194	PPM	+/-	6.0381
PB	34.442	PPM	+/-	3.6376
HG	2.356	PPM	+/-	3.3472
SB	0.435	PPM	+/-	1.1824
AG	0.606	PPM	+/-	0.7694
CD	1.833	PPM	+/-	0.7419
BA	573.999	PPM	+/-	7.8354
SIO5	94.157	DIFF		

38-1

K	17510.902	PPM	+/-	280.3728
CA	3881.689	PPM	+/-	113.1503
TI	4682.161	PPM	+/-	56.4107
CR	71.716	PPM	+/-	11.2132
MN	1515.832	PPM	+/-	17.8553
FE	39593.426	PPM	+/-	177.6663
CO	61.810	PPM	+/-	57.0563
NI	9.622	PPM	+/-	10.2831

AS	17.790 PPM	+/-	4.5089
SE	N D		
ZN	67.773 PPM	+/-	6.6447
PB	104.716 PPM	+/-	4.8480
HG	N D		
SB	1.372 PPM	+/-	1.2724
AG	1.083 PPM	+/-	0.8778
CD	N D		
BA	542.219 PPM	+/-	8.4673
SIO5	93.191 DIFF		

9-2

K	12866.773 PPM	+/-	250.5318
CA	11846.939 PPM	+/-	158.1638
TI	4330.650 PPM	+/-	54.1068
CR	51.074 PPM	+/-	10.6204
MN	1126.473 PPM	+/-	15.6700
FE	36477.141 PPM	+/-	171.0063
CO	143.047 PPM	+/-	54.7827
NI	26.717 PPM	+/-	9.6463
CU	0.329 PPM	+/-	7.2763
AS	6.086 PPM	+/-	2.9289
SE	3.146 PPM	+/-	1.6777
ZN	71.991 PPM	+/-	5.9289
PB	20.827 PPM	+/-	3.3788
HG	0.042 PPM	+/-	3.2807
SB	1.364 PPM	+/-	1.2386
AG	0.992 PPM	+/-	0.8524
CD	0.130 PPM	+/-	0.7806
BA	549.186 PPM	+/-	8.1832
SIO5	93.248 DIFF		

Tricon Samples!
Extent of contamination Survey

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : LOW KV UNKNOWNS
FILTER USED : ALUMINUM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : NO ANALYSIS

TUBE VOLTAGE : 15 KV
TUBE CURRENT : 0.12 MA
LIVETIME : 100 SEC
PRESET COUNT : 0 K

TIME 11:15 am

DATE : 8/8/95

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : MID KV UNKNOWNS
FILTER USED : PD .127MM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : NO ANALYSIS

TUBE VOLTAGE : 30 KV
TUBE CURRENT : 0.26 MA
LIVETIME : 100 SEC
PRESET COUNT : 0 K

TIME : 11:15 am

DATE : 8/8/95

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : HIGH KV UNKNOWNS
FILTER USED : CU .63MM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : NO ANALYSIS

TUBE VOLTAGE : 50 KV
TUBE CURRENT : 0.36 MA
LIVETIME : 200 SEC
PRESET COUNT : 0 K

TIME : 11:15 am

DATE : 8/8/95

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : 6+7+8 RUN UNKNOWNS
FILTER USED : PD .05MM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : FUN. PARAMS.

TUBE VOLTAGE : 30 KV
TUBE CURRENT : 0.02 MA
LIVETIME : 100 SEC
PRESET COUNT : 0 K

TIME : 11:15 am

DATE : 8/8/95

recycled paper
ecology and environment

SRM2711

K	25520.518	PPM	+/-	335.875
CA	30033.998	PPM	+/-	2[illegible].0556
TI	3107.874	PPM	+/-	49.9049
CR	51.791	PPM	+/-	11.0271
MN	675.592	PPM	+/-	14.3593
FE	29629.629	PPM	+/-	163.1109
CO	30.587	PPM	+/-	51.6076
NI	2.945	PPM	+/-	11.0617
CU	121.158	PPM	+/-	9.3256
AS	88.395	PPM	+/-	13.2226
SE	0.078	PPM	+/-	2.0963
ZN	342.155	PPM	+/-	10.5884
PB	1162.460	PPM	+/-	12.4584
HG	2.470	PPM	+/-	4.0145
SB	18.247	PPM	+/-	1.3548
AG	2.832	PPM	+/-	0.9479
CD	42.669	PPM	+/-	1.2311
BA	825.677	PPM	+/-	8.7909
SIO5	90.834	DIFF		

ECS-1A

K	14131.344	PPM	+/-	258.7442
CA	2657.200	PPM	+/-	102.6540
TI	4667.612	PPM	+/-	56.2883
CR	42.603	PPM	+/-	10.7030
MN	553.686	PPM	+/-	13.3723
FE	38590.234	PPM	+/-	172.2695
CO	96.570	PPM	+/-	53.1355
NI	2.898	PPM	+/-	10.5980
CU	12.101	PPM	+/-	6.9475
AS	0.696	PPM	+/-	2.6772
SE	N D			
ZN	58.450	PPM	+/-	5.7289
PB	18.072	PPM	+/-	3.0523
HG	N D			
SB	0.724	PPM	+/-	1.2460
AG	N D			
CD	1.030	PPM	+/-	0.7678
BA	439.491	PPM	+/-	8.2328
SIO5	93.873	DIFF		

ECS-1B

K	17931.240	PPM	+/-	283.3061
CA	3863.499	PPM	+/-	112.9608
TI	5099.112	PPM	+/-	58.0843
CR	52.193	PPM	+/-	10.3314
MN	474.256	PPM	+/-	12.7152
FE	33133.258	PPM	+/-	161.4449
CO	N D			
NI	N D			
CU	28.090	PPM	+/-	6.7631
AS	6.251	PPM	+/-	2.6088
SE	N D			
ZN	47.928	PPM	+/-	5.8432
PB	10.730	PPM	+/-	3.0006
HG	1.653	PPM	+/-	3.2097
SB	N D			
AG	1.128	PPM	+/-	0.8170
CD	N D			
BA	421.672	PPM	+/-	8.0075
SIO5	93.893	DIFF		

ECS-1B DUP

TI	4633.730	PPM	+/-	36.3023
CR	40.074	PPM	+/-	10.1260
MN	436.219	PPM	+/-	12.0481
FE	31666.498	PPM	+/-	1[illegible].5431
CO	10.545	PPM	+/-	4[illegible].1704
NI	N D			
CU	3.206	PPM	+/-	6.9473
AS	3.895	PPM	+/-	2.5556
SE	N D			
ZN	49.315	PPM	+/-	5.4956
PB	9.770	PPM	+/-	3.0418
HG	N D			
SB	1.605	PPM	+/-	1.0444
AG	0.315	PPM	+/-	0.7177
CD	1.263	PPM	+/-	0.6599
BA	286.135	PPM	+/-	6.7697
SIO5	94.308	DIFF		

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : LOW KV UNKNOWNS
FILTER USED : ALUMINUM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : NO ANALYSIS

TUBE VOLTAGE : 15 KV
TUBE CURRENT : 0.12 MA
LIVETIME : 100 SEC
PRESET COUNT : 0 K

TIME : 1:33 pm

DATE : 8/8/95

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : MID KV UNKNOWNS
FILTER USED : PD .127MM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : NO ANALYSIS

TUBE VOLTAGE : 30 KV
TUBE CURRENT : 0.26 MA
LIVETIME : 100 SEC
PRESET COUNT : 0 K

TIME : 1:33 pm

DATE : 8/8/95

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : HIGH KV UNKNOWNS
FILTER USED : CU .63MM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : NO ANALYSIS

TUBE VOLTAGE : 50 KV
TUBE CURRENT : 0.36 MA
LIVETIME : 200 SEC
PRESET COUNT : 0 K

TIME : 1:33 pm

DATE : 8/8/95

SPECTRACE INSTRUMENTS

PROCEDURE : 6+7+8 RUN UN .OWNS
FILTER USED : PD .05MM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : FUN. PARAMS.

TUBE VOLTAGE : 30 KV
TUBE CURRENT : 0.02 MA
LIVETIME : 100 SEC
PRESET COUNT : 0 K

TIME : 1:33 pm

DATE : 8/8/95

SAMPLE	ELEMENT	CONCENTRATION		ERROR
ECS-2A				
	K	15347.133	PPM	+/- 259.5100
	CA	4336.696	PPM	+/- 112.5481
	TI	4422.204	PPM	+/- 55.2848
	CR	42.280	PPM	+/- 10.1743
	MN	563.985	PPM	+/- 13.0956
	FE	33572.816	PPM	+/- 160.5563
	CO	N D		
	NI	N D		
	CU	19.060	PPM	+/- 7.2331
	AS	2.283	PPM	+/- 2.5948
	SE	0.447	PPM	+/- 1.6033
	ZN	56.665	PPM	+/- 5.6888
	PB	12.093	PPM	+/- 2.9594
	HG	1.606	PPM	+/- 3.2360
	SB	2.385	PPM	+/- 1.1762
	AG	N D		
	CD	N D		
	BA	381.125	PPM	+/- 7.9216
	SIO5	94.124	DIFF	
ECS-2A				
	K	16539.256	PPM	+/- 266.7321
	CA	2913.505	PPM	+/- 103.3487
	TI	4772.379	PPM	+/- 55.8381
	CR	50.483	PPM	+/- 9.7386
	MN	348.307	PPM	+/- 11.7501
	FE	32951.766	PPM	+/- 159.5781
	CO	51.807	PPM	+/- 49.5759
	NI	2.719	PPM	+/- 10.4761
	CU	40.955	PPM	+/- 6.6417
	AS	15.271	PPM	+/- 2.4262
	SE	N D		
	ZN	52.026	PPM	+/- 5.6054
	PB	N D		
	HG	N D		
	SB	0.146	PPM	+/- 1.1831
	AG	0.959	PPM	+/- 0.8230
	CD	N D		
	BA	348.274	PPM	+/- 8.0976
	SIO5	94.191	DIFF	
ECS-2C				
	K	14032.371	PPM	+/- 266.9782
	CA	29446.518	PPM	+/- 240.3850
	TI	4543.276	PPM	+/- 59.7819
	CR	151.607	PPM	+/- 13.6411
	MN	938.306	PPM	+/- 17.1441
	FE	49085.969	PPM	+/- 207.6689
	CO	N D		
	NI	N D		
	CU	130.064	PPM	+/- 10.6453
	AS	N D		

PB	406.109	PPM	+/-	8.3940
HG	14.210	PPM	+/-	[illegible].0664
SB	51.384	PPM	+/-	1.9536
AG	0.948	PPM	+/-	[illegible].0122
CD	0.410	PPM	+/-	0.9526
BA	758.637	PPM	+/-	10.3081
SIO5	89.901	DIFF		

ECS-3

K	18651.676	PPM	+/-	278.3680
CA	3702.844	PPM	+/-	112.4201
TI	4803.006	PPM	+/-	56.6475
CR	49.376	PPM	+/-	10.0394
MN	414.076	PPM	+/-	12.5304
FE	33355.281	PPM	+/-	161.3982
CO	N D			
NI	N D			
CU	38.539	PPM	+/-	7.2977
AS	3.527	PPM	+/-	2.7750
SE	N D			
ZN	63.511	PPM	+/-	6.1323
PB	24.006	PPM	+/-	3.3442
HG	2.729	PPM	+/-	3.3548
SB	N D			
AG	0.359	PPM	+/-	0.8533
CD	0.735	PPM	+/-	0.3082
BA	423.231	PPM	+/-	8.4117
SIO5	93.847	DIFF		

ECS-4

K	13131.336	PPM	+/-	243.0955
CA	3808.504	PPM	+/-	106.9697
TI	4208.627	PPM	+/-	52.6975
CR	68.013	PPM	+/-	10.6849
MN	1084.463	PPM	+/-	16.1419
FE	35621.988	PPM	+/-	165.8676
CO	N D			
NI	N D			
CU	23.327	PPM	+/-	6.9658
AS	7.169	PPM	+/-	3.0588
SE	1.473	PPM	+/-	1.6668
ZN	65.690	PPM	+/-	5.9335
PB	32.646	PPM	+/-	3.3160
HG	3.900	PPM	+/-	3.1817
SB	1.100	PPM	+/-	1.2225
AG	N D			
CD	0.191	PPM	+/-	0.7800
BA	495.453	PPM	+/-	8.5599
SIO5	94.145	DIFF		

ECS-5A

K	11409.820	PPM	+/-	225.8240
CA	3839.756	PPM	+/-	101.7788
TI	3936.313	PPM	+/-	50.9425
CR	33.616	PPM	+/-	9.2770
MN	687.391	PPM	+/-	13.2498
FE	26434.414	PPM	+/-	141.1808
CO	N D			
NI	N D			
CU	18.749	PPM	+/-	6.8320
AS	5.998	PPM	+/-	2.5761
SE	N D			
ZN	57.377	PPM	+/-	5.3100
PB	15.625	PPM	+/-	3.0699

AG	N D			
CD	N D			
BA	415.068	PPM	+/-	0330
SIO5	95.314	DIFF		

ECS-5B

K	17606.961	PPM	+/-	279.1252
CA	4103.879	PPM	+/-	114.0775
TI	5036.420	PPM	+/-	58.3524
CR	56.792	PPM	+/-	10.7999
MN	881.566	PPM	+/-	15.0866
FE	33103.141	PPM	+/-	162.2963
CO	N D			
NI	N D			
CU	23.627	PPM	+/-	6.9523
AS	0.443	PPM	+/-	3.0070
SE	1.402	PPM	+/-	1.6982
ZN	58.087	PPM	+/-	6.2260
PB	29.048	PPM	+/-	3.1925
HG	1.900	PPM	+/-	3.2542
SB	1.427	PPM	+/-	1.2148
AG	N D			
CD	N D			
BA	486.050	PPM	+/-	8.4012
SIO5	93.861	DIFF		

ECS-6

K	14508.979	PPM	+/-	280.4988
CA	79399.641	PPM	+/-	380.7884
TI	5006.124	PPM	+/-	64.8510
CR	95.713	PPM	+/-	11.8195
MN	731.262	PPM	+/-	15.8999
FE	25578.277	PPM	+/-	164.9963
CO	N D			
NI	8.015	PPM	+/-	11.6332
CU	12.055	PPM	+/-	8.2023
AS	7.545	PPM	+/-	4.8601
SE	N D			
ZN	132.934	PPM	+/-	8.3289
PB	109.233	PPM	+/-	5.2140
HG	1.463	PPM	+/-	3.8398
SB	1.522	PPM	+/-	1.3829
AG	0.341	PPM	+/-	0.9645
CD	0.579	PPM	+/-	0.8726
BA	388.332	PPM	+/-	9.1531
SIO5	87.402	DIFF		

ECS-7A

K	15598.253	PPM	+/-	297.1617
CA	83243.578	PPM	+/-	389.8055
TI	5801.656	PPM	+/-	72.8131
CR	100.455	PPM	+/-	14.0918
MN	1843.734	PPM	+/-	23.5893
FE	40506.578	PPM	+/-	209.5754
CO	N D			
NI	N D			
CU	23.002	PPM	+/-	9.4111
AS	14.462	PPM	+/-	6.2691
SE	N D			
ZN	192.583	PPM	+/-	9.5298
PB	168.636	PPM	+/-	6.4027
HG	N D			
SB	3.248	PPM	+/-	1.4924
AG	0.613	PPM	+/-	1.0456

SIO5	85.203	DIFF		

SRM2709

K	18899.127	PPM	+/-	[illegible].7820
CA	18202.500	PPM	+/-	197.3721
TI	3350.183	PPM	+/-	51.0133
CR	89.901	PPM	+/-	11.8939
MN	507.500	PPM	+/-	13.6405
FE	34139.531	PPM	+/-	168.7616
CO	N D			
NI	43.543	PPM	+/-	11.7384
CU	42.332	PPM	+/-	7.8200
AS	17.926	PPM	+/-	3.1384
SE	0.181	PPM	+/-	1.8442
ZN	106.516	PPM	+/-	6.8048
PB	28.115	PPM	+/-	3.4136
HG	3.187	PPM	+/-	3.5463
SB	6.106	PPM	+/-	1.1790
AG	N D			
CD	0.268	PPM	+/-	0.7150
BA	800.125	PPM	+/-	8.9304
SIO5	92.376	DIFF		

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : LOW KV UNKNOWNS
FILTER USED : ALUMINUM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : NO ANALYSIS

TUBE VOLTAGE : 15 KV
TUBE CURRENT : 0.12 MA
LIVETIME : 100 SEC
PRESET COUNT : 0 K

TIME : 3:49 pm

DATE : 8/8/95

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : MID KV UNKNOWNS
FILTER USED : PD .127MM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : NO ANALYSIS

TUBE VOLTAGE : 30 KV
TUBE CURRENT : 0.26 MA
LIVETIME : 100 SEC
PRESET COUNT : 0 K

TIME : 3:49 pm

DATE : 8/8/95

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : HIGH KV UNKNOWNS
FILTER USED : CU .63MM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : NO ANALYSIS

TUBE VOLTAGE : 50 KV
TUBE CURRENT : 0.36 MA
LIVETIME : 200 SEC
PRESET COUNT : 0 K

TIME : 3:49 pm

DATE : 8/8/95

EDXRF ANALYSIS
SPECTRACE INSTRUMENTS

PROCEDURE : 6+7+8 RUN UNKNOWNS
FILTER USED : PD .05MM
ATMOSPHERE : AIR
COUNT RATE RANGE : MED
ANALYSIS METHOD : FUN. PARAMS.

TUBE VOLTAGE : 30 KV
TUBE CURRENT : 0.02 MA
LIVETIME : 100 SEC
PRESET COUNT : 0 K

TIME : 3:49 pm

DATE : 8/8/95

SAMPLE ELEMENT CONCENTRATION ERROR

CS-7B

K	12579.793	PPM	+/-	279.8760
CA	87579.430	PPM	+/-	399.5453
TI	4496.116	PPM	+/-	63.0091
CR	61.715	PPM	+/-	11.1456
MN	514.987	PPM	+/-	14.0208
FE	22945.502	PPM	+/-	157.8467
CO	N D			
NI	N D			
CU	21.468	PPM	+/-	7.7285
AS	2.193	PPM	+/-	4.6050
SE	N D			
ZN	70.271	PPM	+/-	6.9352
PB	93.051	PPM	+/-	4.8439
HG	1.659	PPM	+/-	3.8962
SB	2.680	PPM	+/-	1.3817
AG	1.205	PPM	+/-	1.0048
CD	0.539	PPM	+/-	0.9217
BA	477.967	PPM	+/-	9.6062
SIO5	87.115	DIFF		

CS-8

K	15456.372	PPM	+/-	273.1753
CA	26955.318	PPM	+/-	230.0965
TI	8226.588	PPM	+/-	76.1921
CR	243.243	PPM	+/-	13.0596
MN	1128.314	PPM	+/-	18.1791
FE	36056.996	PPM	+/-	178.1850
CO	N D			
NI	N D			
CU	57.847	PPM	+/-	7.9152
AS	N D			
SE	N D			
ZN	319.415	PPM	+/-	10.3583
PB	604.365	PPM	+/-	9.2033
HG	N D			
SB	10.275	PPM	+/-	1.4822
AG	N D			
CD	0.435	PPM	+/-	0.8919
BA	733.894	PPM	+/-	9.8703
SIO5	91.021	DIFF		

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DATE RECEIVED : 11-MAY-1995

REPORT NUMBER : D95-4270-1
REPORT DATE : 16-MAY-1995

SAMPLE SUBMITTED BY : Ecology and Environment Inc.
ADDRESS : 1999 Bryan St. Ste.2000
: Dallas, TX. 75201
ATTENTION : Mr. Richard Neeley

SAMPLE MATRIX : Soil
ID MARKS : TRI-Red
PURCHASE ORDER NO : 101530
DATE SAMPLED : 9-MAY-1995

TCLP METALS			
TEST REQUESTED		DETECTION LIMIT	RESULTS
Silver	/1	0.01 mg/L	< 0.01 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Arsenic	/1	0.2 mg/L	< 0.2 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by MPE QC Batch No : 10790			
Barium	/1	0.5 mg/L	0.8 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Cadmium	/1	0.010 mg/L	0.012 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Chromium	/1	0.010 mg/L	< 0.010 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			

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TCLP METALS

TEST REQUESTED		DETECTION LIMIT	RESULTS
Mercury	/1	0.001 mg/L	< 0.001 mg/L
Dilution Factor : 1 Prepared using EPA 1311/7470 on 12-MAY-1995 by A_O Analyzed using EPA 7470 on 15-MAY-1995 by CGJ QC Batch No : HG-1472			
Lead	/1	0.050 mg/L	0.124 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Selenium	/1	0.250 mg/L	< 0.250 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by MPE QC Batch No : 10790			

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DATE RECEIVED : 11-MAY-1995

REPORT NUMBER : D95-4270-2
REPORT DATE : 16-MAY-1995

SAMPLE SUBMITTED BY : Ecology and Environment Inc.
ADDRESS : 1999 Bryan St. Ste.2000
: Dallas, TX. 75201
ATTENTION : Mr. Richard Neeley

SAMPLE MATRIX : Soil
ID MARKS : TRI-Grn
PURCHASE ORDER NO : 101530
DATE SAMPLED : 9-MAY-1995

TCLP METALS

TEST REQUESTED		DETECTION LIMIT	RESULTS
Silver	/1	0.01 mg/L	< 0.01 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Arsenic	/1	0.2 mg/L	< 0.2 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by MPE QC Batch No : 10790			
Barium	/1	0.5 mg/L	6.5 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Cadmium	/1	0.010 mg/L	0.065 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Chromium	/1	0.010 mg/L	0.053 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			

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TCLP METALS

TEST REQUESTED		DETECTION LIMIT	RESULTS
Mercury	/1	0.001 mg/L	< 0.001 mg/L
Dilution Factor : 1 Prepared using EPA 1311/7470 on 12-MAY-1995 by A_O Analyzed using EPA 7470 on 15-MAY-1995 by CGJ QC Batch No : HG-1472			
Lead	/1	0.050 mg/L	6.07 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Selenium	/1	0.250 mg/L	< 0.250 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by MPE QC Batch No : 10790			

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DATE RECEIVED : 11-MAY-1995

REPORT NUMBER : D95-4270-3
REPORT DATE : 16-MAY-1995

SAMPLE SUBMITTED BY : Ecology and Environment Inc.
ADDRESS : 1999 Bryan St. Ste.2000
: Dallas, TX. 75201
ATTENTION : Mr. Richard Neeley

SAMPLE MATRIX : Soil
ID MARKS : Pile-1N
PURCHASE ORDER NO : 101530
DATE SAMPLED : 9-MAY-1995

TCLP METALS			
TEST REQUESTED		DETECTION LIMIT	RESULTS
Silver	/1	0.01 mg/L	< 0.01 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Arsenic	/1	0.2 mg/L	< 0.2 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by MPE QC Batch No : 10790			
Barium	/1	0.5 mg/L	0.5 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Cadmium	/1	0.010 mg/L	0.013 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Chromium	/1	0.010 mg/L	< 0.010 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			

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TCLP METALS

TEST REQUESTED		DETECTION LIMIT		RESULTS
Mercury	/1	0.001 mg/L	<	0.001 mg/L
Dilution Factor : 1 Prepared using EPA 1311/7470 on 12-MAY-1995 by A_O Analyzed using EPA 7470 on 15-MAY-1995 by CGJ QC Batch No : HG-1472				
Lead	/1	0.050 mg/L	<	0.050 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790				
Selenium	/1	0.250 mg/L	<	0.250 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by MPE QC Batch No : 10790				

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DATE RECEIVED : 11-MAY-1995

REPORT NUMBER : D95-4270-4
REPORT DATE : 16-MAY-1995

SAMPLE SUBMITTED BY : Ecology and Environment Inc.
ADDRESS : 1999 Bryan St. Ste.2000
: Dallas, TX. 75201
ATTENTION : Mr. Richard Neeley

SAMPLE MATRIX : Soil
ID MARKS : Pile-2S
PURCHASE ORDER NO : 101530
DATE SAMPLED : 9-MAY-1995

TCLP METALS

TEST REQUESTED		DETECTION LIMIT	RESULTS
Silver	/1	0.01 mg/L	< 0.01 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Arsenic	/1	0.2 mg/L	< 0.2 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by MPE QC Batch No : 10790			
Barium	/1	0.5 mg/L	1.0 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Cadmium	/1	0.010 mg/L	0.016 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Chromium	/1	0.010 mg/L	< 0.010 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			

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TCLP METALS

TEST REQUESTED		DETECTION LIMIT		RESULTS
Mercury	/1	0.001 mg/L	<	0.001 mg/L
Dilution Factor : 1 Prepared using EPA 1311/7470 on 12-MAY-1995 by A_O Analyzed using EPA 7470 on 15-MAY-1995 by CGJ QC Batch No : HG-1472				
Lead	/1	0.050 mg/L	<	0.050 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790				
Selenium	/1	0.250 mg/L	<	0.250 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by MPE QC Batch No : 10790				

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DATE RECEIVED : 11-MAY-1995

REPORT NUMBER : D95-4270-5
REPORT DATE : 16-MAY-1995

SAMPLE SUBMITTED BY : Ecology and Environment Inc.
ADDRESS : 1999 Bryan St. Ste.2000
: Dallas, TX. 75201
ATTENTION : Mr. Richard Neeley

SAMPLE MATRIX : Soil
ID MARKS : ERS
PURCHASE ORDER NO : 101530
DATE SAMPLED : 9-MAY-1995

TCLP METALS			
TEST REQUESTED		DETECTION LIMIT	RESULTS
Silver	/1	0.01 mg/L	< 0.01 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Arsenic	/1	0.2 mg/L	< 0.2 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by MPE QC Batch No : 10790			
Barium	/1	0.5 mg/L	0.9 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Cadmium	/1	0.010 mg/L	< 0.010 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			
Chromium	/1	0.010 mg/L	< 0.010 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790			

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TCLP METALS

TEST REQUESTED		DETECTION LIMIT		RESULTS
Mercury	/1	0.001 mg/L	<	0.001 mg/L
Dilution Factor : 1 Prepared using EPA 1311/7470 on 12-MAY-1995 by A_O Analyzed using EPA 7470 on 15-MAY-1995 by CGJ QC Batch No : HG-1472				
Lead	/1	0.050 mg/L		0.057 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by LSS QC Batch No : 10790				
Selenium	/1	0.250 mg/L	<	0.250 mg/L
Dilution Factor : 1 Prepared using EPA 1311/3015 on 12-MAY-1995 by A_O Analyzed using EPA 6010A on 15-MAY-1995 by MPE QC Batch No : 10790				

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SUMMARY REPORT

CLIENT : [redacted]
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	A-S	Soil	16-MAR-1995
2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

ACID EXTRACTABLE ORGANICS, EPA 8270		1	2	3	4
Phenol	µg/Kg	< 9900	< 49500	< 990	< 330
2-Chlorophenol	µg/Kg	< 9900	< 49500	< 990	< 330
2-Methylphenol	µg/Kg	< 9900	< 49500	< 990	< 330
4-Methylphenol	µg/Kg	< 9900	< 49500	< 990	< 330
2-Nitrophenol	µg/Kg	< 9900	< 49500	< 990	< 330
2,4-Dimethylphenol	µg/Kg	< 9900	< 49500	< 990	< 330
Benzoic acid	µg/Kg	< 49500	< 248000	< 4950	< 1650
2,4-Dichlorophenol	µg/Kg	< 9900	< 49500	< 990	< 330
4-Chloro-3-methylphenol	µg/Kg	< 19500	< 97500	< 1950	< 650
2,4,6-Trichlorophenol	µg/Kg	< 9900	< 49500	< 990	< 330
2,4,5-Trichlorophenol	µg/Kg	< 49500	< 248000	< 4950	< 1650
2,4-Dinitrophenol	µg/Kg	< 49500	< 248000	< 4950	< 1650
4-Nitrophenol	µg/Kg	< 49500	< 248000	< 4950	< 1650
4,6-Dinitro-2-methylphenol	µg/Kg	< 49500	< 248000	< 4950	< 1650
Pentachlorophenol	µg/Kg	< 49500	< 248000	< 4950	< 1650

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	A-S	Soil	16-MAR-1995
2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

ACID EXTRACTABLE ORGANICS, EPA 8270		1	2	3	4
Phenol	µg/Kg	< 990	-	-	-
2-Chlorophenol	µg/Kg	< 990	-	-	-
2-Methylphenol	µg/Kg	< 990	-	-	-
4-Methylphenol	µg/Kg	< 990	-	-	-
2-Nitrophenol	µg/Kg	< 990	-	-	-
2,4-Dimethylphenol	µg/Kg	< 990	-	-	-
Benzoic acid	µg/Kg	< 4950	-	-	-
2,4-Dichlorophenol	µg/Kg	< 990	-	-	-
4-Chloro-3-methylphenol	µg/Kg	< 1950	-	-	-
2,4,6-Trichlorophenol	µg/Kg	< 990	-	-	-
2,4,5-Trichlorophenol	µg/Kg	< 4950	-	-	-
2,4-Dinitrophenol	µg/Kg	< 4950	-	-	-
4-Nitrophenol	µg/Kg	< 4950	-	-	-
4,6-Dinitro-2-methylphenol	µg/Kg	< 4950	-	-	-
Pentachlorophenol	µg/Kg	< 4950	-	-	-

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270		1	2	3	4
Bis(2-chloroethyl)ether	µg/Kg	< 9900	< 49500	< 990	< 330
1,3-Dichlorobenzene	µg/Kg	< 9900	< 49500	< 990	< 330
1,4-Dichlorobenzene	µg/Kg	< 9900	< 49500	< 990	< 330

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	A-S	Soil	16-MAR-1995
2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		1	2	3	4
Benzyl alcohol	µg/Kg	< 19500	< 97500	< 1950	< 650
1,2-Dichlorobenzene	µg/Kg	< 9900	< 49500	< 990	< 330
Bis(2-chloroisopropyl)ether	µg/Kg	< 9900	< 49500	< 990	< 330
N-Nitroso-di-n-propylamine	µg/Kg	< 9900	< 49500	< 990	< 330
Hexachloroethane	µg/Kg	< 9900	< 49500	< 990	< 330
Nitrobenzene	µg/Kg	< 9900	< 49500	< 990	< 330
Isophorone	µg/Kg	< 9900	< 49500	< 990	< 330
Bis(2-chloroethoxy)methane	µg/Kg	< 9900	< 49500	< 990	< 330
1,2,4-Trichlorobenzene	µg/Kg	< 9900	< 49500	< 990	< 330
Naphthalene	µg/Kg	< 9900	< 49500	< 990	< 330
4-Chloroaniline	µg/Kg	< 19500	< 97500	< 1950	< 650
Hexachlorobutadiene	µg/Kg	< 9900	< 49500	< 990	< 330
2-Methylnaphthalene	µg/Kg	< 9900	< 49500	< 990	< 330
Hexachlorocyclopentadiene	µg/Kg	< 9900	< 49500	< 990	< 330
2-Chloronaphthalene	µg/Kg	< 9900	< 49500	< 990	< 330
2-Nitroaniline	µg/Kg	< 49500	< 248000	< 4950	< 1650
Dimethylphthalate	µg/Kg	< 9900	< 49500	< 990	< 330
Acenaphthylene	µg/Kg	< 9900	< 49500	< 990	< 330
2,6-Dinitrotoluene	µg/Kg	< 9900	< 49500	< 990	< 330

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	A-S	Soil	16-MAR-1995
2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		1	2	3	4
3-Nitroaniline	µg/Kg	< 49500	< 248000	< 4950	< 1650
Acenaphthene	µg/Kg	< 9900	< 49500	< 990	< 330
Dibenzofuran	µg/Kg	< 9900	< 49500	< 990	< 330
2,4-Dinitrotoluene	µg/Kg	< 9900	< 49500	< 990	< 330
Diethylphthalate	µg/Kg	< 9900	< 49500	< 990	< 330
4-Chlorophenylphenyl ether	µg/Kg	< 9900	< 49500	< 990	< 330
Fluorene	µg/Kg	< 9900	< 49500	< 990	< 330
4-Nitroaniline	µg/Kg	< 49500	< 248000	< 4950	< 1650
N-Nitrosodiphenylamine	µg/Kg	< 9900	< 49500	< 990	< 330
4-Bromophenylphenyl ether	µg/Kg	< 9900	< 49500	< 990	< 330
Hexachlorobenzene	µg/Kg	< 9900	< 49500	< 990	< 330
Phenanthrene	µg/Kg	< 9900	< 49500	< 990	< 330
Anthracene	µg/Kg	< 9900	< 49500	< 990	< 330
Di-n-butylphthalate	µg/Kg	< 9900	< 49500	< 990	< 330
Fluoranthene	µg/Kg	< 9900	< 49500	< 990	< 330
Pyrene	µg/Kg	< 9900	< 49500	< 990	< 330
Butyl benzyl phthalate	µg/Kg	< 9900	< 49500	< 990	< 330
3,3'-Dichlorobenzidine	µg/Kg	< 19500	< 97500	< 1950	< 650
Benzo(a)anthracene	µg/Kg	< 9900	< 49500	< 990	< 330

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	A-S	Soil	16-MAR-1995
2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		1	2	3	4
Chrysene	µg/Kg	< 9900	< 49500	< 990	< 330
Bis(2-ethylhexyl)phthalate	µg/Kg	< 9900	< 49500	< 990	< 330
Di-n-octylphthalate	µg/Kg	< 9900	< 49500	< 990	< 330
Benzo(b)fluoranthene	µg/Kg	< 9900	< 49500	< 990	< 330
Benzo(k)fluoranthene	µg/Kg	< 9900	< 49500	< 990	< 330
Benzo(a)pyrene	µg/Kg	< 9900	< 49500	< 990	< 330
Indeno(1,2,3-cd)pyrene	µg/Kg	< 9900	< 49500	< 990	< 330
Dibenzo(a,h)anthracene	µg/Kg	< 9900	< 49500	< 990	< 330
Benzo(g,h,i)perylene	µg/Kg	< 9900	< 49500	< 990	< 330

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270		1	2	3	4
Bis(2-chloroethyl)ether	µg/Kg	< 990	-	-	-
1,3-Dichlorobenzene	µg/Kg	< 990	-	-	-
1,4-Dichlorobenzene	µg/Kg	< 990	-	-	-
Benzyl alcohol	µg/Kg	< 1950	-	-	-
1,2-Dichlorobenzene	µg/Kg	< 990	-	-	-
Bis(2-chloroisopropyl)ether	µg/Kg	< 990	-	-	-
N-Nitroso-di-n-propylamine	µg/Kg	< 990	-	-	-
Hexachloroethane	µg/Kg	< 990	-	-	-

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
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2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		1	2	3	4
Nitrobenzene	µg/Kg	< 990	-	-	-
Isophorone	µg/Kg	< 990	-	-	-
Bis(2-chloroethoxy)methane	µg/Kg	< 990	-	-	-
1,2,4-Trichlorobenzene	µg/Kg	< 990	-	-	-
Naphthalene	µg/Kg	1930	-	-	-
4-Chloroaniline	µg/Kg	< 1950	-	-	-
Hexachlorobutadiene	µg/Kg	< 990	-	-	-
2-Methylnaphthalene	µg/Kg	< 990	-	-	-
Hexachlorocyclopentadiene	µg/Kg	< 990	-	-	-
2-Chloronaphthalene	µg/Kg	< 990	-	-	-
2-Nitroaniline	µg/Kg	< 4950	-	-	-
Dimethylphthalate	µg/Kg	< 990	-	-	-
Acenaphthylene	µg/Kg	< 990	-	-	-
2,6-Dinitrotoluene	µg/Kg	< 990	-	-	-
3-Nitroaniline	µg/Kg	< 4950	-	-	-
Acenaphthene	µg/Kg	< 990	-	-	-
Dibenzofuran	µg/Kg	< 990	-	-	-
2,4-Dinitrotoluene	µg/Kg	< 990	-	-	-
Diethylphthalate	µg/Kg	< 990	-	-	-

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SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	A-S	Soil	16-MAR-1995
2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		1	2	3	4
4-Chlorophenylphenyl ether	µg/Kg	< 990	-	-	-
Fluorene	µg/Kg	< 990	-	-	-
4-Nitroaniline	µg/Kg	< 4950	-	-	-
N-Nitrosodiphenylamine	µg/Kg	< 990	-	-	-
4-Bromophenylphenyl ether	µg/Kg	< 990	-	-	-
Hexachlorobenzene	µg/Kg	< 990	-	-	-
Phenanthrene	µg/Kg	< 990	-	-	-
Anthracene	µg/Kg	< 990	-	-	-
Di-n-butylphthalate	µg/Kg	< 990	-	-	-
Fluoranthene	µg/Kg	< 990	-	-	-
Pyrene	µg/Kg	< 990	-	-	-
Butyl benzyl phthalate	µg/Kg	< 990	-	-	-
3,3'-Dichlorobenzidine	µg/Kg	< 1950	-	-	-
Benzo(a)anthracene	µg/Kg	< 990	-	-	-
Chrysene	µg/Kg	< 990	-	-	-
Bis(2-ethylhexyl)phthalate	µg/Kg	6580	-	-	-
Di-n-octylphthalate	µg/Kg	< 990	-	-	-
Benzo(b)fluoranthene	µg/Kg	< 990	-	-	-
Benzo(k)fluoranthene	µg/Kg	< 990	-	-	-

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JOB NUMBER : D95-2402
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2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		1	2	3	4
Benzo(a)pyrene	µg/Kg	< 990	-	-	-
Indeno(1,2,3-cd)pyrene	µg/Kg	< 990	-	-	-
Dibenzo(a,h)anthracene	µg/Kg	< 990	-	-	-
Benzo(g,h,i)perylene	µg/Kg	< 990	-	-	-

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SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
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JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
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2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

TENTATIVELY IDENTIFIED COMPOUNDS		1	2	3	4
04.54 Isopropylbenzene	ug/Kg	18000	-	-	-
04.65 Dimethyloctane	ug/Kg	18000	-	-	-
04.75 Unknown alkane	ug/Kg	18000	-	-	-
05.03 Ethylmethylbenzene	ug/Kg	29000	-	-	-
05.14 Trimethylbenzene	ug/Kg	17000	-	-	[illegible]
05.41 Unknown chloride	ug/Kg	-	-	5700	1500
05.47 Trimethylbenzene	ug/Kg	51000	-	-	[illegible]
06.32 Diethylbenzene	ug/Kg	18000	-	-	-
07.38 Unknown acid	ug/Kg	29000	-	-	-
09.19 Methylbenzoic acid	ug/Kg	14000	-	-	[illegible]
09.26 Unknown cyclic hydrocarbon	ug/Kg	10000	-	-	[illegible]
16.59 Unknown cyclic hydrocarbon	ug/Kg	24000	-	-	[illegible]
16.74 Unknown cyclic hydrocarbon	ug/Kg	17000	-	-	[illegible]
20.53 Unknown hydrocarbons (oil)	ug/Kg	-	24000000	-	[illegible]
21.00 Unknown hydrocarbons (oil)	ug/Kg	510000	-	16000	17000
21.26 Unknown alkane	ug/Kg	-	-	1200	-
22.62 Unknown cyclic hydrocarbon	ug/Kg	28000	-	-	-
23.09 Methoxyfriedooleanene	ug/Kg	-	-	1800	-

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2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

TOTAL METALS		1	2	3	4
Aluminum	mg/Kg	12900	8250	12000	10400
Antimony	mg/Kg	< 5.0	41.7	< 5.0	< 5.0
Arsenic	mg/Kg	7.2	3.1	3.3	4.9
Barium	mg/Kg	91.3	835	89.5	104
Beryllium	mg/Kg	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	mg/Kg	0.18	4.22	0.32	0.27
Calcium	mg/Kg	4650	53500	20100	6310
Chromium	mg/Kg	55.1	1580	12.2	19.0
Cobalt	mg/Kg	15.0	95.5	< 2.0	12.9
Copper	mg/Kg	24.8	162	9.1	13.1
Iron	mg/Kg	26900	35800	11500	21600
Lead	mg/Kg	124	9000	16.4	39
Magnesium	mg/Kg	3890	4690	1660	2380
Manganese	mg/Kg	338	580	321	802
Mercury	mg/Kg	< 0.10	70.5	< 0.10	< 0.10
Nickel	mg/Kg	25.9	32.9	14.4	22.9
Potassium	mg/Kg	1770	840	950	1860
Selenium	mg/Kg	< 0.5	0.5	< 0.5	< 0.5
Silver	mg/Kg	< 1.0	< 1.0	< 1.0	< 1.0

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1	A-S	Soil	16-MAR-1995
2	B-S	Soil	16-MAR-1995
3	C-S	Soil	16-MAR-1995
4	C-D	Soil	16-MAR-1995

TOTAL METALS (Continued..)		1	2	3	4
Sodium	mg/Kg	159	3430	< 100	< 100
Thallium	mg/Kg	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	mg/Kg	15.3	5.2	16.5	15.2
Zinc	mg/Kg	80.8	1350	62.6	49.1

MISCELLANEOUS ANALYSES		1	2	3	4
Total Organic Carbon	mg/Kg	15400	73000	27800	15300
Total Solids	%	84.0	68.3	61.2	74.6

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JOB NUMBER : D95-2402
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SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
5	D-S1	Soil	16-MAR-1995
6	D-S3	Soil	16-MAR-1995
7	D-S2	Soil	16-MAR-1995
8	E-S	Soil	16-MAR-1995

ACID EXTRACTABLE ORGANICS, EPA 8270		5	6	7	8
Phenol	µg/Kg	< 49500	< 4950	< 49500	< 99000
2-Chlorophenol	µg/Kg	< 49500	< 4950	< 49500	< 99000
2-Methylphenol	µg/Kg	< 49500	< 4950	< 49500	< 99000
4-Methylphenol	µg/Kg	< 49500	< 4950	< 49500	< 99000
2-Nitrophenol	µg/Kg	< 49500	< 4950	< 49500	< 99000
2,4-Dimethylphenol	µg/Kg	< 49500	< 4950	< 49500	< 99000
Benzoic acid	µg/Kg	< 248000	< 24800	< 248000	< 495000
2,4-Dichlorophenol	µg/Kg	< 49500	< 4950	< 49500	< 99000
4-Chloro-3-methylphenol	µg/Kg	< 97500	< 9750	< 97500	< 195000
2,4,6-Trichlorophenol	µg/Kg	< 49500	< 4950	< 49500	< 99000
2,4,5-Trichlorophenol	µg/Kg	< 248000	< 24800	< 248000	< 495000
2,4-Dinitrophenol	µg/Kg	< 248000	< 24800	< 248000	< 495000
4-Nitrophenol	µg/Kg	< 248000	< 24800	< 248000	< 495000
4,6-Dinitro-2-methylphenol	µg/Kg	< 248000	< 24800	< 248000	< 495000
Pentachlorophenol	µg/Kg	< 248000	< 24800	< 248000	< 495000

Preliminary report based upon incomplete data.

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6	D-S3	Soil	16-MAR-1995
7	D-S2	Soil	16-MAR-1995
8	E-S	Soil	16-MAR-1995

ACID EXTRACTABLE ORGANICS, EPA 8270		5	6	7	8
Phenol	µg/Kg	-	-	-	< 9900
2-Chlorophenol	µg/Kg	-	-	-	< 9900
2-Methylphenol	µg/Kg	-	-	-	< 9900
4-Methylphenol	µg/Kg	-	-	-	< 9900
2-Nitrophenol	µg/Kg	-	-	-	< 9900
2,4-Dimethylphenol	µg/Kg	-	-	-	< 9900
Benzoic acid	µg/Kg	-	-	-	< 49500
2,4-Dichlorophenol	µg/Kg	-	-	-	< 9900
4-Chloro-3-methylphenol	µg/Kg	-	-	-	< 19500
2,4,6-Trichlorophenol	µg/Kg	-	-	-	< 9900
2,4,5-Trichlorophenol	µg/Kg	-	-	-	< 49500
2,4-Dinitrophenol	µg/Kg	-	-	-	< 49500
4-Nitrophenol	µg/Kg	-	-	-	< 49500
4,6-Dinitro-2-methylphenol	µg/Kg	-	-	-	< 49500
Pentachlorophenol	µg/Kg	-	-	-	< 49500

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270		5	6	7	8
Bis(2-chloroethyl)ether	µg/Kg	< 49500	< 4950	< 49500	< 99000
1,3-Dichlorobenzene	µg/Kg	< 49500	< 4950	< 49500	< 99000
1,4-Dichlorobenzene	µg/Kg	< 49500	< 4950	< 49500	< 99000

Preliminary report based upon incomplete data.

SUMMARY REPORT

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PROJECT : 101530 TRI Container

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SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
5	D-S1	Soil	16-MAR-1995
6	D-S3	Soil	16-MAR-1995
7	D-S2	Soil	16-MAR-1995
8	E-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		5	6	7	8
Benzyl alcohol	µg/Kg	< 97500	< 9750	< 97500	< 195000
1,2-Dichlorobenzene	µg/Kg	< 49500	< 4950	< 49500	< 99000
Bis(2-chloroisopropyl)ether	µg/Kg	< 49500	< 4950	< 49500	< 99000
N-Nitroso-di-n-propylamine	µg/Kg	< 49500	< 4950	< 49500	< 99000
Hexachloroethane	µg/Kg	< 49500	< 4950	< 49500	< 99000
Nitrobenzene	µg/Kg	< 49500	< 4950	< 49500	< 99000
Isophorone	µg/Kg	< 49500	< 4950	< 49500	< 99000
Bis(2-chloroethoxy)methane	µg/Kg	< 49500	< 4950	< 49500	< 99000
1,2,4-Trichlorobenzene	µg/Kg	< 49500	< 4950	< 49500	< 99000
Naphthalene	µg/Kg	< 49500	< 4950	< 49500	< 99000
4-Chloroaniline	µg/Kg	< 97500	< 9750	< 97500	< 195000
Hexachlorobutadiene	µg/Kg	< 49500	< 4950	< 49500	< 99000
2-Methylnaphthalene	µg/Kg	< 49500	< 4950	< 49500	< 99000
Hexachlorocyclopentadiene	µg/Kg	< 49500	< 4950	< 49500	< 99000
2-Chloronaphthalene	µg/Kg	< 49500	< 4950	< 49500	< 99000
2-Nitroaniline	µg/Kg	< 248000	< 24800	< 248000	< 495000
Dimethylphthalate	µg/Kg	< 49500	< 4950	< 49500	< 99000
Acenaphthylene	µg/Kg	< 49500	< 4950	< 49500	< 99000
2,6-Dinitrotoluene	µg/Kg	< 49500	< 4950	< 49500	< 99000

Preliminary report based upon incomplete data.

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3,3'-Dichlorobenzidine	µg/Kg	< 97500	< 9750	< 97500	< 195000
Benzo(a)anthracene	µg/Kg	< 49500	< 4950	< 49500	< 99000

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SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
5	D-S1	Soil	16-MAR-1995
6	D-S3	Soil	16-MAR-1995
7	D-S2	Soil	16-MAR-1995
8	E-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		5	6	7	8
Chrysene	µg/Kg	< 49500	< 4950	< 49500	< 99000
Bis(2-ethylhexyl)phthalate	µg/Kg	< 49500	< 4950	< 49500	< 99000
Di-n-octylphthalate	µg/Kg	< 49500	< 4950	< 49500	< 99000
Benzo(b)fluoranthene	µg/Kg	< 49500	< 4950	< 49500	< 99000
Benzo(k)fluoranthene	µg/Kg	< 49500	< 4950	< 49500	< 99000
Benzo(a)pyrene	µg/Kg	< 49500	< 4950	< 49500	< 99000
Indeno(1,2,3-cd)pyrene	µg/Kg	< 49500	< 4950	< 49500	< 99000
Dibenzo(a,h)anthracene	µg/Kg	< 49500	< 4950	< 49500	< 99000
Benzo(g,h,i)perylene	µg/Kg	< 49500	< 4950	< 49500	< 99000

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270		5	6	7	8
Bis(2-chloroethyl)ether	µg/Kg	-	-	-	< 9900
1,3-Dichlorobenzene	µg/Kg	-	-	-	< 9900
1,4-Dichlorobenzene	µg/Kg	-	-	-	< 9900
Benzyl alcohol	µg/Kg	-	-	-	< 19500
1,2-Dichlorobenzene	µg/Kg	-	-	-	< 9900
Bis(2-chloroisopropyl)ether	µg/Kg	-	-	-	< 9900
N-Nitroso-di-n-propylamine	µg/Kg	-	-	-	< 9900
Hexachloroethane	µg/Kg	-	-	-	< 9900

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PROJECT : 101530 TRI Container

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SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
5	D-S1	Soil	16-MAR-1995
6	D-S3	Soil	16-MAR-1995
7	D-S2	Soil	16-MAR-1995
8	E-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		5	6	7	8
Nitrobenzene	µg/Kg	-	-	-	< 9900
Isophorone	µg/Kg	-	-	-	< 9900
Bis(2-chloroethoxy)methane	µg/Kg	-	-	-	< 9900
1,2,4-Trichlorobenzene	µg/Kg	-	-	-	< 9900
Naphthalene	µg/Kg	-	-	-	< 9900
4-Chloroaniline	µg/Kg	-	-	-	< 19500
Hexachlorobutadiene	µg/Kg	-	-	-	< 9900
2-Methylnaphthalene	µg/Kg	-	-	-	< 9900
Hexachlorocyclopentadiene	µg/Kg	-	-	-	< 9900
2-Chloronaphthalene	µg/Kg	-	-	-	< 9900
2-Nitroaniline	µg/Kg	-	-	-	< 49500
Dimethylphthalate	µg/Kg	-	-	-	< 9900
Acenaphthylene	µg/Kg	-	-	-	< 9900
2,6-Dinitrotoluene	µg/Kg	-	-	-	< 9900
3-Nitroaniline	µg/Kg	-	-	-	< 49500
Acenaphthene	µg/Kg	-	-	-	< 9900
Dibenzofuran	µg/Kg	-	-	-	< 9900
2,4-Dinitrotoluene	µg/Kg	-	-	-	< 9900
Diethylphthalate	µg/Kg	-	-	-	< 9900

Preliminary report based upon incomplete data.

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SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
5	D-S1	Soil	16-MAR-1995
6	D-S3	Soil	16-MAR-1995
7	D-S2	Soil	16-MAR-1995
8	E-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		5	6	7	8
4-Chlorophenylphenyl ether	µg/Kg	-	-	-	< 9900
Fluorene	µg/Kg	-	-	-	< 9900
4-Nitroaniline	µg/Kg	-	-	-	< 49500
N-Nitrosodiphenylamine	µg/Kg	-	-	-	< 9900
4-Bromophenylphenyl ether	µg/Kg	-	-	-	< 9900
Hexachlorobenzene	µg/Kg	-	-	-	< 9900
Phenanthrene	µg/Kg	-	-	-	< 9900
Anthracene	µg/Kg	-	-	-	< 9900
Di-n-butylphthalate	µg/Kg	-	-	-	< 9900
Fluoranthene	µg/Kg	-	-	-	< 9900
Pyrene	µg/Kg	-	-	-	< 9900
Butyl benzyl phthalate	µg/Kg	-	-	-	< 9900
3,3'-Dichlorobenzidine	µg/Kg	-	-	-	< 19500
Benzo(a)anthracene	µg/Kg	-	-	-	< 9900
Chrysene	µg/Kg	-	-	-	< 9900
Bis(2-ethylhexyl)phthalate	µg/Kg	-	-	-	< 9900
Di-n-octylphthalate	µg/Kg	-	-	-	< 9900
Benzo(b)fluoranthene	µg/Kg	-	-	-	< 9900
Benzo(k)fluoranthene	µg/Kg	-	-	-	< 9900

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
5	D-S1	Soil	16-MAR-1995
6	D-S3	Soil	16-MAR-1995
7	D-S2	Soil	16-MAR-1995
8	E-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		5	6	7	8
Benzo(a)pyrene	µg/Kg	-	-	-	< 9900
Indeno(1,2,3-cd)pyrene	µg/Kg	-	-	-	< 9900
Dibenzo(a,h)anthracene	µg/Kg	-	-	-	< 9900
Benzo(g,h,i)perylene	µg/Kg	-	-	-	< 9900

TENTATIVELY IDENTIFIED COMPOUNDS		5	6	7	8
15.05 Tetramethylpentadecane	ug/Kg	-	6800	-	-
18.35 Unknown alkane	ug/Kg	-	-	53000	-
20.33 Unknown alkane	ug/Kg	-	-	80000	-
20.54 Unknown hydrocarbons (oil)	ug/Kg	26000000	-	28000000	-
21.00 Unknown hydrocarbons (oil)	ug/Kg	-	-	-	3200000
21.11 Unknown alkane	ug/Kg	-	15000	-	-
21.11 Unknown hydrocarbons (oil)	ug/Kg	-	4400000	-	-

TOTAL METALS		5	6	7	8
Aluminum	mg/Kg	3530	13600	2630	12300
Antimony	mg/Kg	55.9	11.3	19.2	5.9
Arsenic	mg/Kg	1.8	4.5	2.2	3.1
Barium	mg/Kg	123	85.7	118	147

Preliminary report based upon incomplete data.

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SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
5	D-S1	Soil	16-MAR-1995
6	D-S3	Soil	16-MAR-1995
7	D-S2	Soil	16-MAR-1995
8	E-S	Soil	16-MAR-1995

TOTAL METALS (Continued..)		5	6	7	8
Beryllium	mg/Kg	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	mg/Kg	0.61	0.15	0.91	0.38
Calcium	mg/Kg	231000	13900	293000	135000
Chromium	mg/Kg	38.6	16.7	78.0	36.2
Cobalt	mg/Kg	6.2	12.6	7.2	8.5
Copper	mg/Kg	19.0	19.8	19.5	15.1
Iron	mg/Kg	11700	25700	16900	14700
Lead	mg/Kg	149	18.2	273	127
Magnesium	mg/Kg	8580	3900	7680	4630
Manganese	mg/Kg	316	389	301	303
Mercury	mg/Kg	< 0.10	< 0.10	< 0.10	< 0.10
Nickel	mg/Kg	16.0	26.5	16.4	18.0
Potassium	mg/Kg	810	1380	511	1680
Selenium	mg/Kg	< 0.5	< 0.5	< 0.5	< 0.5
Silver	mg/Kg	< 1.0	< 1.0	< 1.0	< 1.0
Sodium	mg/Kg	198	128	170	140
Thallium	mg/Kg	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	mg/Kg	4.8	15.6	4.9	16.7
Zinc	mg/Kg	169	159	288	258

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
5	D-S1	Soil	16-MAR-1995
6	D-S3	Soil	16-MAR-1995
7	D-S2	Soil	16-MAR-1995
8	E-S	Soil	16-MAR-1995

MISCELLANEOUS ANALYSES		5	6	7	8
Total Organic Carbon	mg/Kg	79700	59700	75000	32800
Total Solids	%	95.9	77.7	98.0	86.3

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	E-D	Soil	16-MAR-1995
10	G-S	Soil	16-MAR-1995
11	G-D	Soil	16-MAR-1995
12	H-S	Soil	16-MAR-1995

ACID EXTRACTABLE ORGANICS, EPA 8270		9	10	11	12
Phenol	µg/Kg	< 3300	< 49500	< 3300	< 3300
2-Chlorophenol	µg/Kg	< 3300	< 49500	< 3300	< 3300
2-Methylphenol	µg/Kg	< 3300	< 49500	< 3300	< 3300
4-Methylphenol	µg/Kg	< 3300	< 49500	< 3300	< 3300
2-Nitrophenol	µg/Kg	< 3300	< 49500	< 3300	< 3300
2,4-Dimethylphenol	µg/Kg	< 3300	< 49500	< 3300	< 3300
Benzoic acid	µg/Kg	< 16500	< 248000	< 16500	< 16500
2,4-Dichlorophenol	µg/Kg	< 3300	< 49500	< 3300	< 3300
4-Chloro-3-methylphenol	µg/Kg	< 6500	< 97500	< 6500	< 6500
2,4,6-Trichlorophenol	µg/Kg	< 3300	< 49500	< 3300	< 3300
2,4,5-Trichlorophenol	µg/Kg	< 16500	< 248000	< 16500	< 16500
2,4-Dinitrophenol	µg/Kg	< 16500	< 248000	< 16500	< 16500
4-Nitrophenol	µg/Kg	< 16500	< 248000	< 16500	< 16500
4,6-Dinitro-2-methylphenol	µg/Kg	< 16500	< 248000	< 16500	< 16500
Pentachlorophenol	µg/Kg	< 16500	< 248000	< 16500	< 16500

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	E-D	Soil	16-MAR-1995
10	G-S	Soil	16-MAR-1995
11	G-D	Soil	16-MAR-1995
12	H-S	Soil	16-MAR-1995

ACID EXTRACTABLE ORGANICS, EPA 8270		9	10	11	12
Phenol	µg/Kg	< 330	-	< 330	-
2-Chlorophenol	µg/Kg	< 330	-	< 330	-
2-Methylphenol	µg/Kg	< 330	-	< 330	-
4-Methylphenol	µg/Kg	< 330	-	< 330	-
2-Nitrophenol	µg/Kg	< 330	-	< 330	-
2,4-Dimethylphenol	µg/Kg	< 330	-	< 330	-
Benzoic acid	µg/Kg	< 1650	-	< 1650	-
2,4-Dichlorophenol	µg/Kg	< 330	-	< 330	-
4-Chloro-3-methylphenol	µg/Kg	< 650	-	< 650	-
2,4,6-Trichlorophenol	µg/Kg	< 330	-	< 330	-
2,4,5-Trichlorophenol	µg/Kg	< 1650	-	< 1650	-
2,4-Dinitrophenol	µg/Kg	< 1650	-	< 1650	-
4-Nitrophenol	µg/Kg	< 1650	-	< 1650	-
4,6-Dinitro-2-methylphenol	µg/Kg	< 1650	-	< 1650	-
Pentachlorophenol	µg/Kg	< 1650	-	< 1650	-

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270		9	10	11	12
Bis(2-chloroethyl)ether	µg/Kg	< 3300	< 49500	< 3300	< 3300
1,3-Dichlorobenzene	µg/Kg	< 3300	< 49500	< 3300	< 3300
1,4-Dichlorobenzene	µg/Kg	< 3300	< 49500	< 3300	< 3300

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	G-D	Soil	16-MAR-1995
10	G-S	Soil	16-MAR-1995
11	G-D	Soil	16-MAR-1995
12	H-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		9	10	11	12
Benzyl alcohol	µg/Kg	< 6500	< 97500	< 6500	< 6500
1,2-Dichlorobenzene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Bis(2-chloroisopropyl)ether	µg/Kg	< 3300	< 49500	< 3300	< 3300
N-Nitroso-di-n-propylamine	µg/Kg	< 3300	< 49500	< 3300	< 3300
Hexachloroethane	µg/Kg	< 3300	< 49500	< 3300	< 3300
Nitrobenzene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Isophorone	µg/Kg	< 3300	< 49500	< 3300	< 3300
Bis(2-chloroethoxy)methane	µg/Kg	< 3300	< 49500	< 3300	< 3300
1,2,4-Trichlorobenzene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Naphthalene	µg/Kg	< 3300	< 49500	< 3300	< 3300
4-Chloroaniline	µg/Kg	< 6500	< 97500	< 6500	< 6500
Hexachlorobutadiene	µg/Kg	< 3300	< 49500	< 3300	< 3300
2-Methylnaphthalene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Hexachlorocyclopentadiene	µg/Kg	< 3300	< 49500	< 3300	< 3300
2-Chloronaphthalene	µg/Kg	< 3300	< 49500	< 3300	< 3300
2-Nitroaniline	µg/Kg	< 16500	< 248000	< 16500	< 16500
Dimethylphthalate	µg/Kg	< 3300	< 49500	< 3300	< 3300
Acenaphthylene	µg/Kg	< 3300	< 49500	< 3300	< 3300
2,6-Dinitrotoluene	µg/Kg	< 3300	< 49500	< 3300	< 3300

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	E-D	Soil	16-MAR-1995
10	G-S	Soil	16-MAR-1995
11	G-D	Soil	16-MAR-1995
12	H-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		9	10	11	12
3-Nitroaniline	µg/Kg	< 16500	< 248000	< 16500	< 16500
Acenaphthene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Dibenzofuran	µg/Kg	< 3300	< 49500	< 3300	< 3300
2,4-Dinitrotoluene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Diethylphthalate	µg/Kg	< 3300	< 49500	< 3300	< 3300
4-Chlorophenylphenyl ether	µg/Kg	< 3300	< 49500	< 3300	< 3300
Fluorene	µg/Kg	< 3300	< 49500	< 3300	< 3300
4-Nitroaniline	µg/Kg	< 16500	< 248000	< 16500	< 16500
N-Nitrosodiphenylamine	µg/Kg	< 3300	< 49500	< 3300	< 3300
4-Bromophenylphenyl ether	µg/Kg	< 3300	< 49500	< 3300	< 3300
Hexachlorobenzene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Phenanthrene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Anthracene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Di-n-butylphthalate	µg/Kg	< 3300	< 49500	< 3300	< 3300
Fluoranthene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Pyrene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Butyl benzyl phthalate	µg/Kg	< 3300	< 49500	< 3300	< 3300
3,3'-Dichlorobenzidine	µg/Kg	< 6500	< 97500	< 6500	< 6500
Benzo(a)anthracene	µg/Kg	< 3300	< 49500	< 3300	< 3300

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	E-D	Soil	16-MAR-1995
10	G-S	Soil	16-MAR-1995
11	G-D	Soil	16-MAR-1995
12	H-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		9	10	11	12
Chrysene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Bis(2-ethylhexyl)phthalate	µg/Kg	< 3300	< 49500	< 3300	< 3300
Di-n-octylphthalate	µg/Kg	< 3300	< 49500	< 3300	< 3300
Benzo(b)fluoranthene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Benzo(k)fluoranthene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Benzo(a)pyrene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Indeno(1,2,3-cd)pyrene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Dibenzo(a,h)anthracene	µg/Kg	< 3300	< 49500	< 3300	< 3300
Benzo(g,h,i)perylene	µg/Kg	< 3300	< 49500	< 3300	< 3300

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270		9	10	11	12
Bis(2-chloroethyl)ether	µg/Kg	< 330	-	< 330	-
1,3-Dichlorobenzene	µg/Kg	< 330	-	< 330	-
1,4-Dichlorobenzene	µg/Kg	< 330	-	< 330	-
Benzyl alcohol	µg/Kg	< 650	-	< 650	-
1,2-Dichlorobenzene	µg/Kg	< 330	-	< 330	-
Bis(2-chloroisopropyl)ether	µg/Kg	< 330	-	< 330	-
N-Nitroso-di-n-propylamine	µg/Kg	< 330	-	< 330	-
Hexachloroethane	µg/Kg	< 330	-	< 330	-

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	E-D	Soil	16-MAR-1995
10	G-S	Soil	16-MAR-1995
11	G-D	Soil	16-MAR-1995
12	H-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		9	10	11	12
Nitrobenzene	µg/Kg	< 330	-	< 330	-
Isophorone	µg/Kg	< 330	-	< 330	-
Bis(2-chloroethoxy)methane	µg/Kg	< 330	-	< 330	-
1,2,4-Trichlorobenzene	µg/Kg	< 330	-	< 330	-
Naphthalene	µg/Kg	< 330	-	< 330	-
4-Chloroaniline	µg/Kg	< 650	-	< 650	-
Hexachlorobutadiene	µg/Kg	< 330	-	< 330	-
2-Methylnaphthalene	µg/Kg	< 330	-	< 330	-
Hexachlorocyclopentadiene	µg/Kg	< 330	-	< 330	-
2-Chloronaphthalene	µg/Kg	< 330	-	< 330	-
2-Nitroaniline	µg/Kg	< 1650	-	< 1650	-
Dimethylphthalate	µg/Kg	< 330	-	< 330	-
Acenaphthylene	µg/Kg	< 330	-	< 330	-
2,6-Dinitrotoluene	µg/Kg	< 330	-	< 330	-
3-Nitroaniline	µg/Kg	< 1650	-	< 1650	-
Acenaphthene	µg/Kg	< 330	-	< 330	-
Dibenzofuran	µg/Kg	< 330	-	< 330	-
2,4-Dinitrotoluene	µg/Kg	< 330	-	< 330	-
Diethylphthalate	µg/Kg	< 330	-	< 330	-

Preliminary report based upon incomplete data.

SUMMARY REPORT

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PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	E-D	Soil	16-MAR-1995
10	G-S	Soil	16-MAR-1995
11	G-D	Soil	16-MAR-1995
12	H-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		9	10	11	12
4-Chlorophenylphenyl ether	µg/Kg	< 330	-	< 330	-
Fluorene	µg/Kg	< 330	-	< 330	-
4-Nitroaniline	µg/Kg	< 1650	-	< 1650	-
N-Nitrosodiphenylamine	µg/Kg	< 330	-	< 330	-
4-Bromophenylphenyl ether	µg/Kg	< 330	-	< 330	-
Hexachlorobenzene	µg/Kg	< 330	-	< 330	-
Phenanthrene	µg/Kg	< 330	-	< 330	-
Anthracene	µg/Kg	< 330	-	< 330	-
Di-n-butylphthalate	µg/Kg	< 330	-	< 330	-
Fluoranthene	µg/Kg	< 330	-	< 330	-
Pyrene	µg/Kg	< 330	-	< 330	-
Butyl benzyl phthalate	µg/Kg	< 330	-	< 330	-
3,3'-Dichlorobenzidine	µg/Kg	< 650	-	< 650	-
Benzo(a)anthracene	µg/Kg	< 330	-	< 330	-
Chrysene	µg/Kg	< 330	-	< 330	-
Bis(2-ethylhexyl)phthalate	µg/Kg	< 330	-	< 330	-
Di-n-octylphthalate	µg/Kg	< 330	-	< 330	-
Benzo(b)fluoranthene	µg/Kg	< 330	-	< 330	-
Benzo(k)fluoranthene	µg/Kg	< 330	-	< 330	-

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	E-D	Soil	16-MAR-1995
10	G-S	Soil	16-MAR-1995
11	G-D	Soil	16-MAR-1995
12	H-S	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		9	10	11	12
Benzo(a)pyrene	µg/Kg	< 330	-	< 330	-
Indeno(1,2,3-cd)pyrene	µg/Kg	< 330	-	< 330	-
Dibenzo(a,h)anthracene	µg/Kg	< 330	-	< 330	-
Benzo(g,h,i)perylene	µg/Kg	< 330	-	< 330	-

TENTATIVELY IDENTIFIED COMPOUNDS		9	10	11	12
20.00 Unknown hydrocarbons (oil)	ug/Kg	-	-	-	320000
21.00 Unknown hydrocarbons (oil)	ug/Kg	260000	11000000	340000	-

TOTAL METALS		9	10	11	12
Aluminum	mg/Kg	19300	10900	15900	3520
Antimony	mg/Kg	< 5.0	195	< 5.0	10.4
Arsenic	mg/Kg	5.2	7.2	3.6	[illegible]
Barium	mg/Kg	169	603	175	[illegible]
Beryllium	mg/Kg	0.5	< 0.5	< 0.5	< 0.5
Cadmium	mg/Kg	0.20	1.44	0.21	0.53
Calcium	mg/Kg	10500	22600	3640	282000
Chromium	mg/Kg	20.9	247	28.6	113
Cobalt	mg/Kg	11.6	41.8	13.6	12.9

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
9	E-D	Soil	16-MAR-1995
10	G-S	Soil	16-MAR-1995
11	G-D	Soil	16-MAR-1995
12	H-S	Soil	16-MAR-1995

TOTAL METALS (Continued..)		9	10	11	12
Copper	mg/Kg	18.2	82.8	12.8	15.4
Iron	mg/Kg	26800	41500	21900	19800
Lead	mg/Kg	21.7	1040	82	540
Magnesium	mg/Kg	3380	3020	1780	8720
Manganese	mg/Kg	787	699	923	431
Mercury	mg/Kg	< 0.10	0.35	< 0.10	< 0.10
Nickel	mg/Kg	28.3	35.0	24.1	22.6
Potassium	mg/Kg	1480	1460	1720	790
Selenium	mg/Kg	< 0.5	< 0.5	< 0.5	< 0.5
Silver	mg/Kg	< 1.0	< 1.0	< 1.0	< 1.0
Sodium	mg/Kg	< 100	186	557	207
Thallium	mg/Kg	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	mg/Kg	19.6	17.4	21.5	5.4
Zinc	mg/Kg	65.3	1440	93.2	179

MISCELLANEOUS ANALYSES		9	10	11	12
Total Organic Carbon	mg/Kg	9120	57100	8520	8780
Total Solids	%	79.5	76.7	78.8	92.7

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
13	H-D	Soil	16-MAR-1995
14	I-S	Soil	16-MAR-1995
15	MS	Soil	18-MAR-1995
16	MSD	Soil	18-MAR-1995

ACID EXTRACTABLE ORGANICS, EPA 8270		13	14	15	16
Phenol	µg/Kg	< 330	< 99000	3400	3440
2-Chlorophenol	µg/Kg	< 330	< 99000	3330	3320
2-Methylphenol	µg/Kg	< 330	< 99000	< 330	< 330
4-Methylphenol	µg/Kg	< 330	< 99000	< 330	< 330
2-Nitrophenol	µg/Kg	< 330	< 99000	< 330	< 330
2,4-Dimethylphenol	µg/Kg	< 330	< 99000	< 330	< 330
Benzoic acid	µg/Kg	< 1650	< 495000	< 1650	< 1650
2,4-Dichlorophenol	µg/Kg	< 330	< 99000	< 330	< 330
4-Chloro-3-methylphenol	µg/Kg	< 650	< 195000	3180	3210
2,4,6-Trichlorophenol	µg/Kg	< 330	< 99000	< 330	< 330
2,4,5-Trichlorophenol	µg/Kg	< 1650	< 495000	< 1650	< 1650
2,4-Dinitrophenol	µg/Kg	< 1650	< 495000	< 1650	< 1650
4-Nitrophenol	µg/Kg	< 1650	< 495000	2590	3020
4,6-Dinitro-2-methylphenol	µg/Kg	< 1650	< 495000	< 1650	< 1650
Pentachlorophenol	µg/Kg	< 1650	< 495000	3090	3220

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270		13	14	15	16
Bis(2-chloroethyl)ether	µg/Kg	< 330	< 99000	< 330	< 330
1,3-Dichlorobenzene	µg/Kg	< 330	< 99000	< 330	< 330
1,4-Dichlorobenzene	µg/Kg	< 330	< 99000	1580	1590

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
13	H-D	Soil	16-MAR-1995
14	I-5	Soil	16-MAR-1995
15	MS	Soil	18-MAR-1995
16	MSD	Soil	18-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		13	14	15	16
Benzyl alcohol	µg/Kg	< 650	< 195000	< 650	< 650
1,2-Dichlorobenzene	µg/Kg	< 330	< 99000	< 330	< 330
Bis(2-chloroisopropyl)ether	µg/Kg	< 330	< 99000	< 330	< 330
N-Nitroso-di-n-propylamine	µg/Kg	< 330	< 99000	1460	1400
Hexachloroethane	µg/Kg	< 330	< 99000	< 330	< 330
Nitrobenzene	µg/Kg	< 330	< 99000	< 330	< 330
Isophorone	µg/Kg	< 330	< 99000	< 330	< 330
Bis(2-chloroethoxy)methane	µg/Kg	< 330	< 99000	< 330	< 330
1,2,4-Trichlorobenzene	µg/Kg	< 330	< 99000	1450	1480
Naphthalene	µg/Kg	< 330	< 99000	< 330	< 330
4-Chloroaniline	µg/Kg	< 650	< 195000	< 650	< 650
Hexachlorobutadiene	µg/Kg	< 330	< 99000	< 330	< 330
2-Methylnaphthalene	µg/Kg	< 330	< 99000	< 330	< 330
Hexachlorocyclopentadiene	µg/Kg	< 330	< 99000	< 330	< 330
2-Chloronaphthalene	µg/Kg	< 330	< 99000	< 330	< 330
2-Nitroaniline	µg/Kg	< 1650	< 495000	< 1650	< 1650
Dimethylphthalate	µg/Kg	< 330	< 99000	< 330	< 330
Acenaphthylene	µg/Kg	< 330	< 99000	< 330	< 330
2,6-Dinitrotoluene	µg/Kg	< 330	< 99000	< 330	< 330

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
13	H-D	Soil	16-MAR-1995
14	I-S	Soil	16-MAR-1995
15	MS	Soil	18-MAR-1995
16	MSD	Soil	18-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		13	14	15	16
3-Nitroaniline	µg/Kg	< 1650	< 495000	< 1650	< 1650
Acenaphthene	µg/Kg	< 330	< 99000	1650	1660
Dibenzofuran	µg/Kg	< 330	< 99000	< 330	< 330
2,6-Dinitrotoluene	µg/Kg	< 330	< 99000	1340	1410
Diethylphthalate	µg/Kg	< 330	< 99000	< 330	< 330
4-Chlorophenylphenyl ether	µg/Kg	< 330	< 99000	< 330	< 330
Fluorene	µg/Kg	< 330	< 99000	< 330	< 330
4-Nitroaniline	µg/Kg	< 1650	< 495000	< 1650	< 1650
N-Nitrosodiphenylamine	µg/Kg	< 330	< 99000	< 330	< 330
4-Bromophenylphenyl ether	µg/Kg	< 330	< 99000	< 330	< 330
Hexachlorobenzene	µg/Kg	< 330	< 99000	< 330	< 330
Phenanthrene	µg/Kg	< 330	< 99000	< 330	< 330
Anthracene	µg/Kg	< 330	< 99000	< 330	< 330
Di-n-butylphthalate	µg/Kg	< 330	< 99000	< 330	< 330
Fluoranthene	µg/Kg	< 330	< 99000	< 330	< 330
Pyrene	µg/Kg	< 330	< 99000	1820	1910
Butyl benzyl phthalate	µg/Kg	< 330	< 99000	< 330	< 330
3,3'-Dichlorobenzidine	µg/Kg	< 650	< 195000	< 650	< 650
Benzo(a)anthracene	µg/Kg	< 330	< 99000	< 330	< 330

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
13	H-D	Soil	16-MAR-1995
14	I-S	Soil	16-MAR-1995
15	MS	Soil	18-MAR-1995
16	MSD	Soil	18-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		13	14	15	16
Chrysene	µg/Kg	< 330	< 99000	< 330	< 330
Bis(2-ethylhexyl)phthalate	µg/Kg	< 330	< 99000	< 330	< 330
Di-n-octylphthalate	µg/Kg	< 330	< 99000	< 330	< 330
Benzo(b)fluoranthene	µg/Kg	< 330	< 99000	< 330	< 330
Benzo(k)fluoranthene	µg/Kg	< 330	< 99000	< 330	< 330
Benzo(a)pyrene	µg/Kg	< 330	< 99000	< 330	< 330
Indeno(1,2,3-cd)pyrene	µg/Kg	< 330	< 99000	< 330	< 330
Dibenzo(a,h)anthracene	µg/Kg	< 330	< 99000	< 330	< 330
Benzo(g,h,i)perylene	µg/Kg	< 330	< 99000	< 330	< 330

TENTATIVELY IDENTIFIED COMPOUNDS		13	14	15	16
19.00 Unknown hydrocarbons (oil)	ug/Kg	-	44000000	-	-
21.00 Unknown hydrocarbons (oil)	ug/Kg	4000	-	-	-
21.75 Unknown cyclic hydrocarbon	ug/Kg	-	110000		-
23.10 Unknown cyclic hydrocarbon	ug/Kg	1300	-	-	-

TOTAL METALS		13	14	15	16
Aluminum	mg/Kg	21600	2520	5270	7880
Antimony	mg/Kg	< 5.0	10.4	133	122

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
13	H-D	Soil	16-MAR-1995
14	I-S	Soil	16-MAR-1995
15	MS	Soil	18-MAR-1995
16	MSD	Soil	18-MAR-1995

TOTAL METALS (Continued..)		13	14	15	16
Arsenic	mg/Kg	3.5	[illegible].7	5.0	5.5
Barium	mg/Kg	152	303	1110	1140
Beryllium	mg/Kg	0.6	< 0.5	94.0	96.9
Cadmium	mg/Kg	0.06	1.78	0.90	0.86
Calcium	mg/Kg	4150	223000	233000	242000
Chromium	mg/Kg	24.3	423	129	137
Cobalt	mg/Kg	13.2	12.7	96.2	98.2
Copper	mg/Kg	16.2	323	113	114
Iron	mg/Kg	29800	25600	10700	12000
Lead	mg/Kg	22.4	9100	176	144
Magnesium	mg/Kg	3620	8200	8490	8780
Manganese	mg/Kg	506	706	383	396
Mercury	mg/Kg	< 0.10	0.48	0.95	0.96
Nickel	mg/Kg	26.6	29.2	105	109
Potassium	mg/Kg	1080	750	2630	2570
Selenium	mg/Kg	< 0.5	< 0.5	< 2.5	< 2.5
Silver	mg/Kg	< 1.0	< 1.0	8.5	8.8
Sodium	mg/Kg	130	270	1240	1220
Thallium	mg/Kg	< 0.5	< 0.5	2.9	2.7

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
13	H-D	Soil	16-MAR-1995
14	I-S	Soil	16-MAR-1995
15	MS	Soil	18-MAR-1995
16	MSD	Soil	18-MAR-1995

TOTAL METALS (Continued..)		13	14	15	16
Vanadium	mg/Kg	23.7	3.5	101	107
Zinc	mg/Kg	37.8	576	264	273

MISCELLANEOUS ANALYSES		13	14	15	16
Total Organic Carbon	mg/Kg	4180	60900	1580	1900
Total Solids	%	78.9	89.2	-	-

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
17	Method Blank	Soil	16-MAR-1995
18	LCS	Soil	16-MAR-1995

ACID EXTRACTABLE ORGANICS, EPA 8270		17	18		
Phenol	µg/Kg	< 330	2500		
2-Chlorophenol	µg/Kg	< 330	2270		
2-Methylphenol	µg/Kg	< 330	< 330		
4-Methylphenol	µg/Kg	< 330	< 330		
2-Nitrophenol	µg/Kg	< 330	< 330		
2,4-Dimethylphenol	µg/Kg	< 330	< 330		
Benzoic acid	µg/Kg	< 1650	< 1650		
2,4-Dichlorophenol	µg/Kg	< 330	< 330		
4-Chloro-3-methylphenol	µg/Kg	< 650	2520		
2,4,6-Trichlorophenol	µg/Kg	< 330	< 330		
2,4,5-Trichlorophenol	µg/Kg	< 1650	< 1650		
2,4-Dinitrophenol	µg/Kg	< 1650	< 1650		
4-Nitrophenol	µg/Kg	< 1650	2210		
4,6-Dinitro-2-methylphenol	µg/Kg	< 1650	< 1650		
Pentachlorophenol	µg/Kg	< 1650	2630		

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270		17	18		
Bis(2-chloroethyl)ether	µg/Kg	< 330	< 330		
1,3-Dichlorobenzene	µg/Kg	< 330	< 330		
1,4-Dichlorobenzene	µg/Kg	< 330	1100		

Preliminary report based upon incomplete data.

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SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
17	Method Blank	Soil	16-MAR-1995
18	LCS	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		17	18		
Benzyl alcohol	µg/Kg	< 650	< 650		
1,2-Dichlorobenzene	µg/Kg	< 330	< 330		
Bis(2-chloroisopropyl)ether	µg/Kg	< 330	< 330		
N-Nitroso-di-n-propylamine	µg/Kg	< 330	1070		
Hexachloroethane	µg/Kg	< 330	< 330		
Nitrobenzene	µg/Kg	< 330	< 330		
Isophorone	µg/Kg	< 330	< 330		
Bis(2-chloroethoxy)methane	µg/Kg	< 330	< 330		
1,2,4-Trichlorobenzene	µg/Kg	< 330	1100		
Naphthalene	µg/Kg	< 330	< 330		
4-Chloroaniline	µg/Kg	< 650	< 650		
Hexachlorobutadiene	µg/Kg	< 330	< 330		
2-Methylnaphthalene	µg/Kg	< 330	< 330		
Hexachlorocyclopentadiene	µg/Kg	< 330	< 330		
2-Chloronaphthalene	µg/Kg	< 330	< 330		
2-Nitroaniline	µg/Kg	< 1650	< 1650		
Dimethylphthalate	µg/Kg	< 330	< 330		
Acenaphthylene	µg/Kg	< 330	< 330		
2,6-Dinitrotoluene	µg/Kg	< 330	< 330		

Preliminary report based upon incomplete data.

SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
17	Method Blank	Soil	16-MAR-1995
18	LCS	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		17	18		
3-Nitroaniline	µg/Kg	< 1650	< 1650		
Acenaphthene	µg/Kg	< 330	1360		
Dibenzofuran	µg/Kg	< 330	< 330		
2,4-Dinitrotoluene	µg/Kg	< 330	1070		
Diethylphthalate	µg/Kg	< 330	< 330		
4-Chlorophenylphenyl ether	µg/Kg	< 330	< 330		
Fluorene	µg/Kg	< 330	< 330		
4-Nitroaniline	µg/Kg	< 1650	< 1650		
N-Nitrosodiphenylamine	µg/Kg	< 330	< 330		
4-Bromophenylphenyl ether	µg/Kg	< 330	< 330		
Hexachlorobenzene	µg/Kg	< 330	< 330		
Phenanthrene	µg/Kg	< 330	< 330		
Anthracene	µg/Kg	< 330	< 330		
Di-n-butylphthalate	µg/Kg	< 330	< 330		
Fluoranthene	µg/Kg	< 330	< 330		
Pyrene	µg/Kg	< 330	1650		
Butyl benzyl phthalate	µg/Kg	< 330	< 330		
3,3'-Dichlorobenzidine	µg/Kg	< 650	< 650		
Benzo(a)anthracene	µg/Kg	< 330	< 330		

Preliminary report based upon incomplete data.

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SUMMARY REPORT

CLIENT : Ecology and Environment Inc.
PROJECT : 101530 TRI Container

JOB NUMBER : D95-2402
REPORT DATE : 1-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
17	Method Blank	Soil	16-MAR-1995
18	LCS	Soil	16-MAR-1995

BASE-NEUTRAL EXTRACTABLE ORGANICS, EPA 8270 (Continued..)		17	18		
Chrysene	µg/Kg	< 330	< 330		
Bis(2-ethylhexyl)phthalate	µg/Kg	< 330	< 330		
Di-n-octylphthalate	µg/Kg	< 330	< 330		
Benzo(b)fluoranthene	µg/Kg	< 330	< 330		
Benzo(k)fluoranthene	µg/Kg	< 330	< 330		
Benzo(a)pyrene	µg/Kg	< 330	< 330		
Indeno(1,2,3-cd)pyrene	µg/Kg	< 330	< 330		
Dibenzo(a,h)anthracene	µg/Kg	< 330	< 330		
Benzo(g,h,i)perylene	µg/Kg	< 330	< 330		

TENTATIVELY IDENTIFIED COMPOUNDS		17	18		
05.42 Unknown chloride	ug/Kg	2100	-		

Preliminary report based upon incomplete data.

ATTACHMENT G

ATTACHMENT H

ATTACHMENT I

1A. Cost Center: ZT3061	TAT ZONE II CONTRACT CONTRACT NO. 68-WO-0037 TECHNICAL DIRECTION DOCUMENT (TDD) ECOLOGY & ENVIRONMENT, INC.	2. No.: T06-9503-004
1B. Account No.: EOK0419SC		Amendment B

3A. Priority:	4A. Estimate of	5A. EPA Site Name:			7. CERCLIS ID :
[X] High [ ] Medium [ ] Low	Total Hours: (b) (4) Total Costs: $ (b) (4)	TRI CONTAINER			OKD070040589
		5B. SSID No.: 7S	5C. City/County/State: Tulsa	/Rogers / OK	8A. Completion Date: 08/31/95

3B. EPA Contact:	4B. Overtime Approved:	6. Source of Funds:	8B. Reference :
Name: Martin Phone: 214 665-6748	[X] Yes [ ] No	[X] CERCLA [ ] CEPP [ ] OPA [ ] Other _____ [ ] UST	[ ] Yes [ ] Attache [X] No [ ] Pick-up

9. Type of Activity:

OPA	CERCLA	AS SPECIFIED ABOVE	
[ ] SPCC	[X] Site Assessment	[ ] Special Project	[ ] Quality Assurance
[ ] On-Scene Monitoring	[ ] Removal Funded	[ ] Analytical Project	[ ] Training
[ ] Spill Clean-up Funded	[ ] Removal PRP (AO/CO)	[ ] Corp. Special Project	[ ] Program Management
	[ ] On-Site Monitoring	[ ] Preparedness	[ ] Technical Assistant
		[ ] UST	[ ] Information Management
		[ ] FEMA	

0346

10. General Task Description:

Conduct sampling of surface soils for contamination and potential human health threat.

11. Desired Report Form:

[X] Formal Report
[ ] Letter Report
[ ] Formal Briefing
[ ] Other(Specify)

12. Specific Elements:

This TDD is being amended to extend the completion date due to need for additional Site Assessment activities.

Original Elements:

1. Develop QASP (draft) for OSC approval.

2. Set up lab for at most 20 samples (One monitoring well sample and 19 composite/grab of suurface and core samples.

3. Conduct sampling efforts.

4. Compare levels of contaminations to other proposed action levels (if found in literarure).

5. Brief and update OSC frequently.

6. This TDD is being amended per OSC request to increase hours from 200 to 300, increase Total cost to $27,000, and extend completion date to 08/31/95 in order to complete additional site assessment activities.

13. Interim Deadlines:

1. 03/08/95
2. 03/30/95

14. Authorizing DPO: James R. Mullins for HT
Signature

15. Date: 07/12/95

16. Received by: [X] Accepted [ ] Accepted with Exceptions (Attached) [ ] Rejected

Chris Irwin
TATL Signature

17. Date: 7/13/95

Neeley

1A. Cost Center: ZT3061

1B. Account No.: EOK0419SC

TAT ZONE II CONTRACT
CONTRACT NO. 68-WO-0037
TECHNICAL DIRECTION DOCUMENT (TDD)
ECOLOGY & ENVIRONMENT, INC.

T06-9503-004

Amendment A

3A. Priority:
[X] High
[ ] Medium
[ ] Low

4A. Estimate of
Total Hours: (b) (4)
Total Costs: $ (b) (4)

5A. EPA Site Name: TRI CONTAINER

5B. SSID No.: 7S

5C. City/County/State: Tulsa /Rogers / OK

7. CERCLIS ID: OKD070040589

8A. Completion Date: ~~06/30/95~~ 7/31/95

3B. EPA Contact:
Name: Martin
Phone: 214 665-6748

4B. Overtime Approved:
[X] Yes
[ ] No

6. Source of Funds:
[X] CERCLA
[ ] OPA
[ ] UST
[ ] CEPP
[ ] Other _____

8B. Reference:
[ ] Yes [ ] Attached
[X] No [ ] Pick-up

9. Type of Activity:

OPA
[ ] SPCC
[ ] On-Scene Monitoring
[ ] Spill Clean-up Funded

CERCLA
[X] Site Assessment
[ ] Removal Funded
[ ] Removal PRP (AO/CO)
[ ] On-Site Monitoring

AS SPECIFIED ABOVE
[ ] Special Project
[ ] Analytical Project
[ ] Corp. Special Project
[ ] Preparedness
[ ] UST
[ ] FEMA
[ ] Quality Assurance
[ ] Training
[ ] Program Management
[ ] Technical Assistant
[ ] Information Management

0346

10. General Task Description:
Conduct sampling of surface soils for contamination and potential human health threat.

11. Desired Report Form:
[X] Formal Report
[ ] Letter Report
[ ] Formal Briefing
[ ] Other(Specify)

12. Specific Elements:
This TDD is being amended to extend the completion date due to need for additional Site Assessment activities.

Original Elements:

1. Develop QASP (draft) for OSC approval.
2. Set up lab for at most 20 samples (One monitoring well sample and 19 composite/grab of suurface and core samples.
3. Conduct sampling efforts.
4. Compare levels of contaminations to other proposed action levels (if found in literarure).
5. Brief and update OSC frequently.

This TDD is being amended to increase the total hours and extend the completion date for additional Site Assessment activities.

13. Interim Deadlines:
1. 03/08/95
2. 03/30/95

14. Authorizing DPO: Signature

15. Date: 04/19/95

16. Received by: [X] Accepted [ ] Accepted with Exceptions (Attached) [ ] Rejected

TATL Signature

17. Date: 4/20/95

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Neeley

ecology and environment

Q

1A. Cost Center: ZT3061

1B. Account No.: EOK0419SC

TAT ZONE II CONTRACT
CONTRACT NO. 68-WO-0037
TECHNICAL DIRECTION DOCUMENT (TDD)
ECOLOGY & ENVIRONMENT, INC.

2. No.: T06-9503-004

Amendment _____

3A. Priority:
[X] High
[ ] Medium
[ ] Low

4A. Estimate of
Total Hours: (b) (4)
Total Costs: $ (b) (4)

5A. EPA Site Name: TRI CONTAINER

5B. SSID No.: 7S

5C. City/County/State: Tulsa /Rogers / OK

7. CERCLIS ID: OKD070040589

8A. Completion Date 04/20/95

3B. EPA Contact:
Name: Martin
Phone: 214 665-6748

4B. Overtime Approved:
[X] Yes
[ ] No

6. Source of Funds:
[X] CERCLA
[ ] OPA
[ ] UST
[ ] CEPP
[ ] Other _____

8B. Reference:
[ ] Yes [ ] Attach
[X] No [ ] Pick-u

9. Type of Activity:

OPA
[ ] SPCC
[ ] On-Scene Monitoring
[ ] Spill Clean-up Funded

CERCLA
[X] Site Assessment
[ ] Removal Funded
[ ] Removal PRP (AO/CO)
[ ] On-Site Monitoring

AS SPECIFIED ABOVE
[ ] Special Project
[ ] Analytical Project
[ ] Corp. Special Project
[ ] Preparedness
[ ] UST
[ ] FEMA
[ ] Quality Assurance
[ ] Training
[ ] Program Management
[ ] Technical Assistant
[ ] Information Managemer

0346

10. General Task Description:

Conduct sampling of surface soils for contamination and potential human health threat.

11. Desired Report Form:
[X] Formal Report
[ ] Letter Report
[ ] Formal Briefi
[ ] Other(Specify

12. Specific Elements:

1. Develop QASP (draft) for OSC approval.
2. Set up lab for at most 20 samples (One monitoring well sample and 19 composite/grab of suurface and core samples.
3. Conduct sampling efforts.
4. Compare levels of contaminations to other proposed action levels (if found in literarure).
5. Brief and update OSC frequently.

13. Interim Deadlinc
1. 03/08/95
2. 03/30/95

14. Authorizing DPO: [signature]
Signature

15. Date: 03/02/95

16. Received by: [X] Accepted [ ] Accepted with Exceptions (Attached) [ ] Rejected

[signature]
TATL Signature

17. Date: 3/2/95

Neeley