URS

Subsurface Investigation
Former
Underground Storage Tank
Physical Plant
56 Hamlin Street
Middletown, Connecticut

Prepared for:

Wesleyan University
255 Pine Street
Middletown, Connecticut

URS Corporation
Project No. F1-00002138.00

April 2002

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1.0 INTRODUCTION AND OBJECTIVE

1.1 INTRODUCTION

This report documents the results of subsurface investigation activities performed to assess for releases at a former underground storage tank (UST) located at 56 Hamlin Street, Middletown, Connecticut (subject property). The site location is illustrated on Figure 1. A sketch plan of the location of the former tank and the sample locations is shown on Figure 2.

1.2 OBJECTIVE

The purpose of the activities performed was to assess if a release of petroleum hydrocarbons occurred at the former tank location. Because the tank was not assessed at the time of removal, the soil sampling protocol attempted to duplicate the closures procedures outlined in the Connecticut Department of Environmental Protection (CTDEP) guidance document "Sampling and Analytical Methods for Underground Storage Tank Closure", dated October 27, 1999.

2.0 BACKGROUND

The former subject UST was a 1,000-gallon, steel tank previously used for the storage of gas located at the Wesleyan University Physical Plant. The UST was located on the eastern side of the building (see Figure 2). The installation and removal dates of the UST are unknown. The UST was used for industrial/commercial purposes and is located in an area classified as GB groundwater, not suitable for drinking water purposes.

3.0 SOIL SAMPLING ACTIVITIES

On July 23, 2001, URS personnel conducted subsurface soil sampling in the area of the former 1,000-gallon UST. Environmental Drilling, Inc. was subcontracted to perform the drilling procedures. Standard industry practices (development and implementation of a health and safety

plan, notification to Call Before You Dig, appropriate decontamination procedures, chain of custody, etc) were employed to perform the drilling and the soil sample collection.

3.1 SOIL SAMPLING

Wesleyan personnel identified the former location of the UST. Seven soil borings were drilled at locations that would have represented the north, east, west and south sides of the former tank grave, an offset on the south side, and at two locations that would have represented the bottom of the tank grave. These locations were selected to duplicate the soil sampling procedures recommended in the CTDEP October 27, 1999 guidance document for sampling at the time of UST removal. The soil samples were designated as "PP-SG" (south grave), "PP-NG" (north grave), "PP-NW" (north wall), "PP-SW" (south wall), "PP-SW offset" (south wall offset), "PP-WW" (west wall), and "PP-MW" (soil boring converted to a monitoring well at the east wall).

The geoprobe was used to drill at each of these designated locations. Refusal was encountered at each of the boreholes in the range of 11 feet 5 inches below ground surface (bgs) to 13 feet 7 inches bgs. The boreholes were later filled with Portland cement. Continuous soil samples were taken at each. All soil samples were collected in 2-foot intervals.

3.2 FIELD OBSERVATIONS AND FIELD SOIL TESTING

Soil samples collected from the former tank excavation were subjected to headspace testing using a photoionization detector (PID). The headspace test is a measure of total volatile organics compound (VOC) vapors that enter the air space from the soil sample. This test was used to supplement visual and olfactory observations in assessing the excavation for petroleum constituents, and to assist in selecting samples for analysis. Soil samples collected for headspace analysis indicated detections of VOCs. The south grave samples collected at depths of 4 to 13 feet 7 inches bgs detected total VOCs ranging in concentration from 0 parts per million (ppm) to greater than 2,000 ppm using the PID and contained a fuel odor. The north grave samples collected at depths of 4 to 12 feet bgs detected total VOCs ranging in concentration from 14.9

ppm to 1,120 ppm and contained a fuel odor. The north wall samples collected at depths of 4 to 11 feet 8 inches bgs detected total VOCs ranging in concentration from 13.8 ppm to 1,284 ppm and contained a fuel odor. The south wall samples collected at depths of 4 to 11 feet 5 inches bgs detected total VOCs ranging in concentration from 21 ppm to greater than 2,000 ppm and contained a fuel odor. The south wall offset samples collected at depths of 6 to 11 feet 8 inches bgs detected total VOCs at a concentration of greater than 2,000 ppm and contained a fuel odor. The west wall samples collected at depths of 4 to 13 feet 7 inches bgs detected total VOCs ranging in concentration from 0.0 ppm to 1,735 ppm and contained a fuel odor. The monitoring well samples collected at depths of 4 to 11 feet 6.5 inches bgs detected total VOCs ranging in concentration from 8.3 ppm to 1764 ppm and contained a fuel odor. Because groundwater was encountered at approximately 6 feet bgs, the east wall boring (the location in the presumed hydrogeologic downgradient location) was converted to a monitoring well. The fuel odor and elevated PID reading were typically associated with samples collected at and below the capillary fringe.

Copies of the boring logs and field note are included in Appendix A.

3.3 LABORATORY SAMPLE SELECTION

Laboratory analyses were conducted to determine whether gasoline constituents were present in the soil and groundwater samples. Soil samples were collected from the tank grave according to CT DEP tank closure guidelines. Assuming a tank diameter size of 5 feet and one to two feet of cover above the tank, the presumed depth of the bottom of the UST would have been approximately 6 to 7 feet bgs. Theoretically, the 6 to 8 feet depth interval would have been the target depth for soil sample collection. Soil samples were collected from this depth; however, the most impacted soil (based on field observations of odor and PID readings) occurred typically from 8 to 12 feet. Therefore, soil samples were collected to assess these intervals. Soil samples were collected from the south grave at 6-8 feet bgs, the north grave at 10-12 feet bgs, the south wall offset at 6-8 feet bgs, the monitoring well at 8-10 feet bgs, the west wall at 12-13 feet 7 inches bgs, the north wall at 10-11 feet 8 inches bgs, and the south wall at 8-10 feet bgs and were submitted to the laboratory for analyses of VOCs using EPA Method 8260 and for analysis of

lead using EPA Method 6010. An equipment blank was also taken and submitted for analyses of VOCs using EPA Method 8260 and for analyses of lead using EPA Method 6010. Groundwater samples were collected from the monitoring well and were submitted to the laboratory for analyses of VOCs using EPA Method 8260 and for analyses of lead using EPA Method 6010. A trip blank was sent with the liquid samples to establish that no cross-contamination occurred during transportation.

Sample containers were kept in an iced-cooler until delivery under chain of custody to Complete Environmental Testing, Inc. (CET) in Stratford, Connecticut for analysis. The samples reached the laboratory the day after they were collected.

3.4 RESULTS OF LABORATORY ANALYSES

The soil samples analyzed contained detectable concentrations of VOCs above the method detection limits. However, none of the detected concentrations of VOCs exceeded the applicable tabulated standards set forth in the Remediation Standard Regulations (RSRs)[1].

The soil samples analyzed contained detectable concentrations of lead above the method detection limits at concentrations that did not exceed the RSR standard applicable to the site. The lead concentrations are likely indicative of background concentrations.

The groundwater samples collected from the monitoring well contained detectable concentrations of VOCs. However, none of the concentrations exceeded the applicable tabulated standards setforth in the RSRs. The groundwater sample also contained lead at a concentration of 0.4 milligrams per liter (mg/l), which exceeds the surface water protection (SWP) standard of 0.013 mg/l.

Due to the elevated level of lead detected in the initial groundwater sample, a second sample was taken on August 16, 2001 and filtered to remove suspended solids. This sample was sent to the

[1] Although the site is not subject to the RSRs, the criteria set forth in the RSRs are being used for evaluation purposes.

laboratory for analysis of lead using EPA Method 6010. This sample did not contain a detectable concentration of lead.

The laboratory results sheets are included in Appendix B.

4.0 RELEASE NOTIFICATION

The CTDEP was notified of the release on August 2, 2001 by Sydney Neer of URS and assigned case number 2001-05781[2]. The incident report obtained from CTDEP indicated that the case was "closed". A copy of the release notification incident report is included in Appendix C.

5. 0 SUMMARY

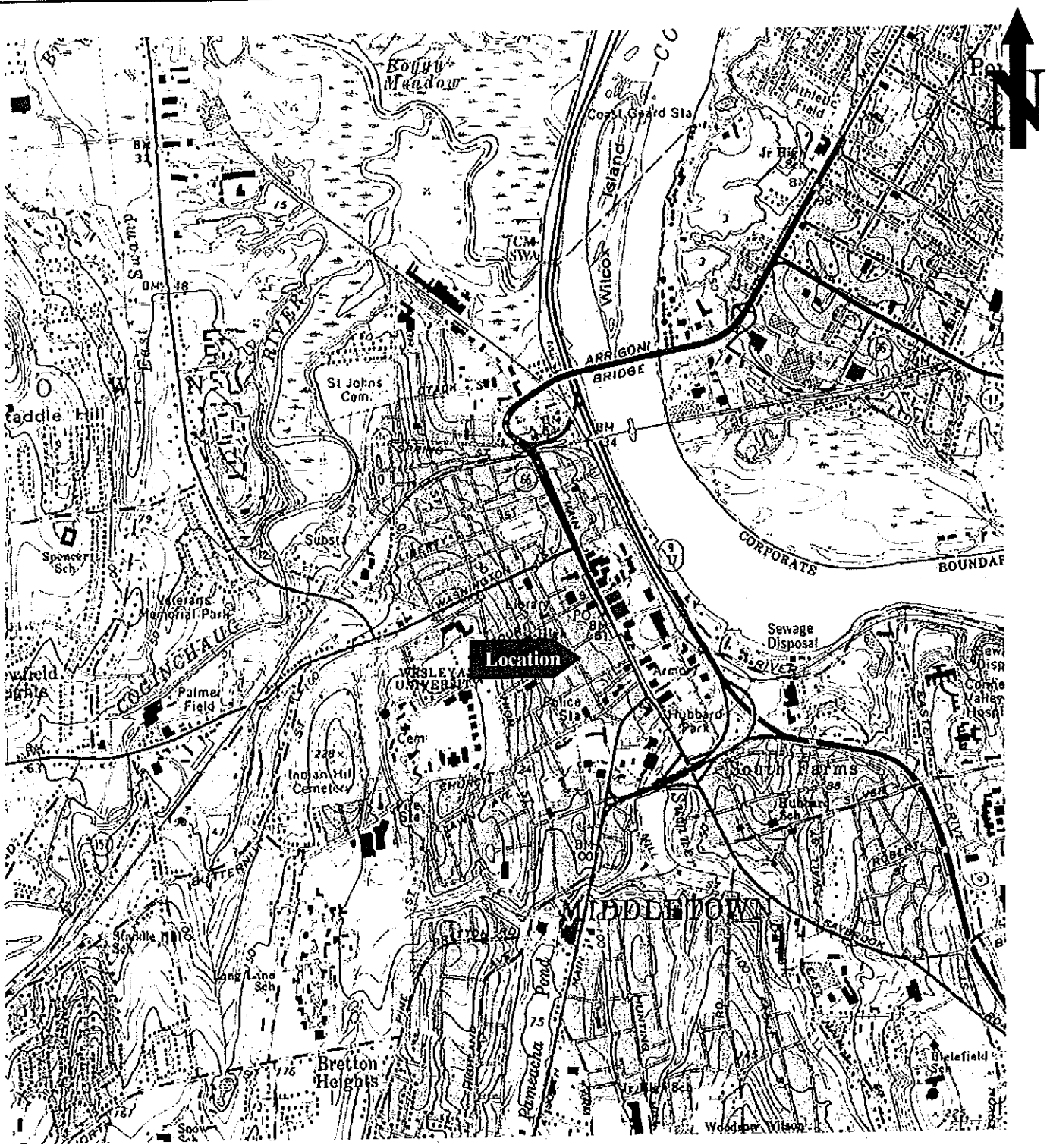
Subsurface investigation activities and an assessment for releases at the location of a former UST were performed at 56 Hamlin Street, Middletown, Connecticut.

The presence of fuel odor in the soil at the location of the former UST grave and headspace measurements of soil samples indicated that a release of gasoline occurred from the former tank. Laboratory analyses confirmed the release. VOCs and lead were detected in the soil samples collected. None of the concentrations detected in the soil exceeded the tabulated standards set forth in the RSRs. VOCs and total lead were also detected in the groundwater samples. The initial concentration of total lead exceeded the SWP criteria set forth in the RSRs. Analyses following filtering to remove suspended solids did not detect lead above the detection level.

[2] The reporting of the release originally occurred on July 25, 2001. The report was based on field observations. CT DEP informed URS to wait to report until laboratory results were received.

[3] Although the site is not subject to the RSRs, the criteria set forth in the RSRs are being used for evaluation purposes.

FIGURES



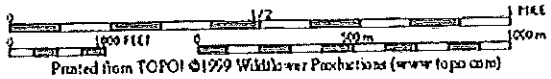


Figure 1
Site Location Map

Wesleyan University
56 Hamlin Street
Middletown, CT

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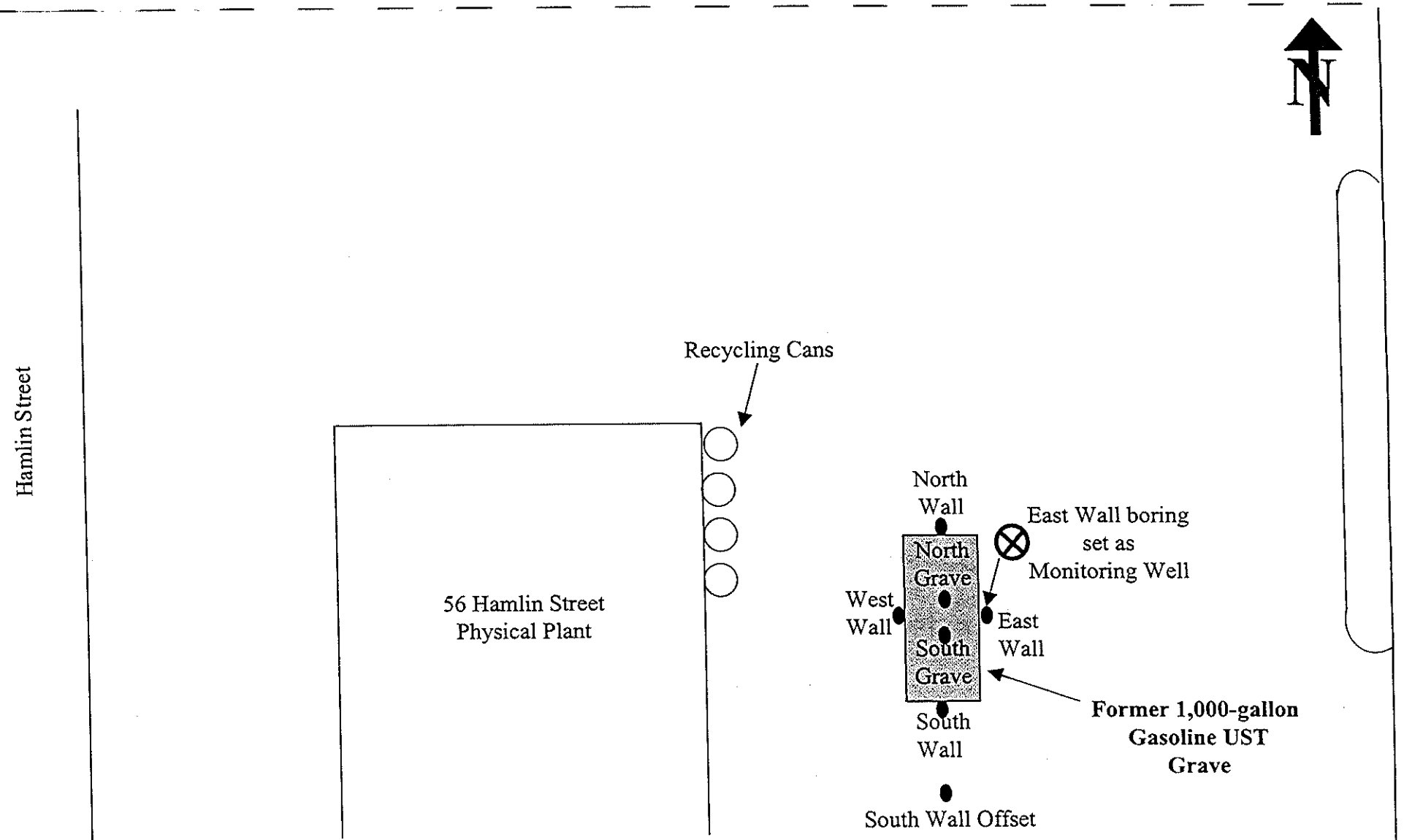


Figure 2
Sketch Plan of Tank Excavation and Sample Locations

Wesleyan University
56 Hamlin Street (Physical Plant)
Middletown, CT

Job No.: F1-00002138.00 URS Corporation AES

APPENDIX A

FIELD BORING LOGS AND FIELD NOTES

JOB NO.	CLIENT	LOCATION
F100002101.00	Wesleyan Univ.	Middletown, CT

DRILLING METHOD: geoprobe

BORING NO. PP-SG

Physical Plant - South Grave

SHEET 1 OF 1

SAMPLING METHOD:

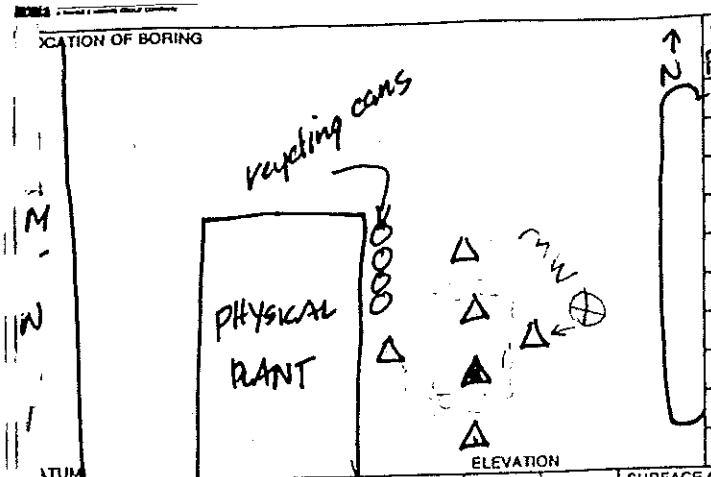
56 HAMLIN ST Physical Plant

1 1,000g gas ust

WATER LEVEL				
TIME				
DATE				
CASING DEPTH				

DRILLING	
START	FINISH
TIME 1021	TIME 1115
DATE ~~6/23~~ 7/23	DATE ~~6/23~~ 7/23

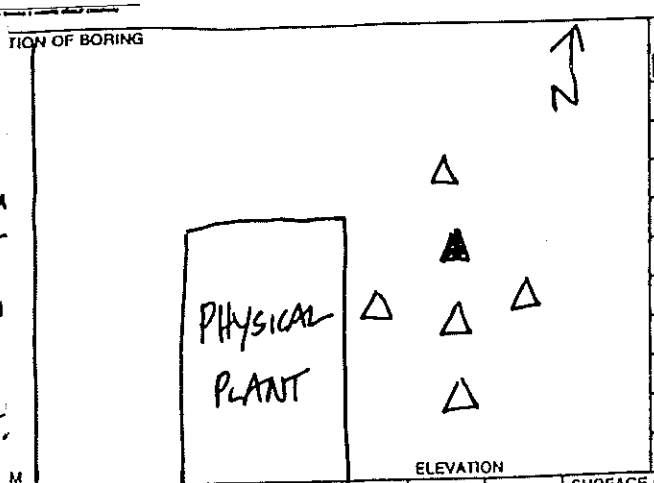
LOCATION OF BORING



SURFACE CONDITIONS: 3" asphalt

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	TIME ~~DEPTH OF BASING~~	SAMPLE NO / SAMPLE DEPTH	BLOWS/FT SAMPLER	PID ~~NUMBER OF RINGS~~	DEPTH IN FEET	SOIL GRAPH	
1	48/29	1023			4.4	0		3-16" gravel / fill, into red-brn, fine sand, sm-med ang gvl, dry, stiff
						1		No odors
					9.8	2		
						3		
2	48/30	1028			0.0	4		Top 5" from above
						5		Red-brn, fine sand, tr silt, tr coars sand, black gvl lens @ 20" (5" thick), wet
			(6.8)		↑2000	6		Remaining red-brn, sat, w/black gvl, gas odor @ btm
						7		
3	48/48	1045			1199	8		Red-brn, fine sand, tr silt, med-coarse sand @ 13", into find sand, tr coarse, sm med ang, sub ang gvl, sat @ top to dry soft to hard
						9		
					1259	0		Gas odor thru
						1		
4	19/38	1110			2000	2		Red-brn, fine sand, tr silt,
						3		
						4		Refusal @ approx 13'7", sm ang gvl, dry stiff - may be old foundation according to Wesleyan
						5		gas odor
						6		
						7		Attempt to hammer thru, No success
						8		
						9		

TION OF BORING



JOB NO.	CLIENT	LOCATION
F00002101.00	Wesleyan Univ.	Middletown, CT

DRILLING METHOD: geoprobe

Physical Plant - ~~South~~ North Grave

SAMPLING METHOD: Physical Plant

56 Hamlin St, 4,000g gas UST

BORING NO.: PP - NG

SHEET 1 OF 1

WATER LEVEL				
TIME				
DATE				
CASING DEPTH				

DRILLING

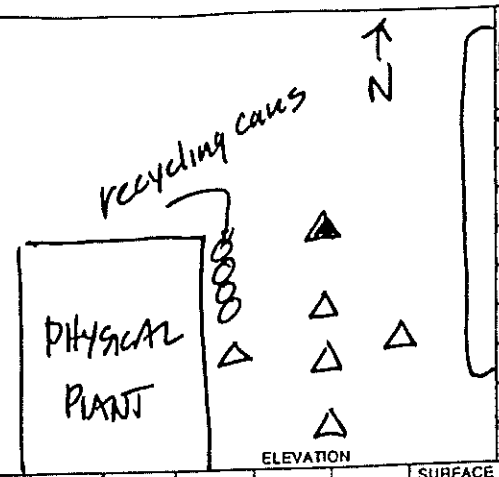
START	FINISH
TIME 1040	TIME 1220
DATE ~~6/23~~ 7/23	DATE ~~6/23~~ 7/23

ELEVATION

SURFACE CONDITIONS: asphalt 3"

SAMPLE TYPE	INCHES DRIVEN / INCHES RECOVERED	TIME ~~LOCATION OF BORING~~	SAMPLE NO / SAMPLE DEPTH	BLOWS/FT SAMPLER	PID ~~NUMBER OF RINGS~~	DEPTH IN FEET	SOIL GRAPH	
1	48/26	1140			0.0	0		3"-15" gravel fill, fine sand tr silt, sm-med sub ang gvl, dry, stiff
						1		
					8.0	2		Limited recovery, caught on brick
						3		
—	48/36	1150			15.5	4		Red-brn, fine sand, tr silt, no gvl, dry - sat @ btm, stiff - soft
						5		
					14.9	6		No odors
						7		
	48/48	1200			449	8		Red-brn, fine sand, med sand, sat to 12", into Red brn fine sand, tr silt + med, sm-med ang gvl, dry, hard
						9		
					1120	0		Gas odors thru
						1		
4						2		Refusal @ 12", bedrock weathered rock frag @ shoe - According to Wesleyan - may be old foundation
						3		
						4		
						5		
						6		
						7		
						8		
						9		

TION OF BORING



JOB NO.	CLIENT	LOCATION
F00002101.00	Wesleyan Univ.	Middletown, CT

DRILLING METHOD: geoprobe

Physical Plant - North wall

SAMPLING METHOD: Physical Plant

56 Hamlin St, 1,000 gas UST

BORING NO.: PP-NW

SHEET 1 OF 1

WATER LEVEL				
TIME				
DATE				
CASING DEPTH				

DRILLING	START	FINISH
TIME	1320	1350
DATE	6/23	6/23
DATE	7/23	7/23

SURFACE CONDITIONS: asphalt 3"

SAMPLE TYPE	INCHES DRIVEN / INCHES RECOVERED	TIME ~~DEPTH OF BORING~~	SAMPLE NO / SAMPLE DEPTH	BLOWS/FT SAMPLER	PID ~~NUMBER OF BLOWS~~	DEPTH IN FEET	SOIL GRAPH	
1	48/35	1325			15.3	0		Brn red-brn, fine sand + silt tr sm-med ang sub ang gvl, moist, stiff
						1		tr med ang gvl, coal(?) @ 8" ~~charcoal wood~~
					15.9	2		
						3		
	48/43	1330			15.7	4		Red brn-, fine sand w/ silt, sm-lg ang gvl, dry-moist, stiff-hard
					13.8	5		No odors
						6		
						7		
	44/48	1345			2.85	8		Brn, red-brn, fine sand w/ silt, med-coarse sand lens @ 16", sm-lg ang sub ang gvl, stiff-hard, moist,
						9		
			10-11.8		1284	0		
						1		Gas odor thru
4						2		Refusal 11'8", bedrock frag(?) @ btm
						3		According to Wesleyan may be old foundation
						4		
						5		
						6		
						7		
						8		
						9		

JOB NO.	CLIENT	LOCATION
F00002101.00	Wesleyan Univ.	Middletown, CT

DRILLING METHOD: geoprobe

BORING NO.: PP-SW

Physical Plant - South wall

SHEET: 1 OF 1

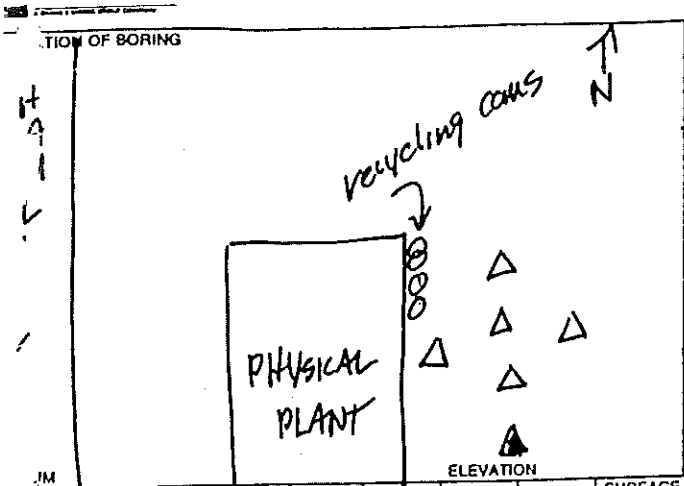
SAMPLING METHOD: Physical Plant

56 Hamlin St, 1,000g gas UST

WATER LEVEL				
TIME				
DATE				
CASING DEPTH				

DRILLING START	DRILLING FINISH
TIME 1355	TIME 1430
DATE 6/23	DATE 6/23

LOCATION OF BORING



SURFACE CONDITIONS: 3" asphalt

SAMPLE TYPE	INCHES DRIVEN / INCHES RECOVERED	TIME	SAMPLE NO / SAMPLE DEPTH	BLOWS/FT SAMPLER	PID	DEPTH IN FEET	SOIL GRAPH	
	48/28	1400			12.1	0		Brn tr red-brn, fine sand + silt, gvl lens @ 18", sm ang gvl to 2", dry
						1		Btm 6", red-brn, fine sand, tr silt, sm ang gvl, dry stiff
					10.6	2		No odor
						3		
	48/44	1410			21.0	4		Red-brn, fine sand, med sand, tr silt, gvl lens, mica 28"-32", dry-most / hard
						5		
					287	6		Gas odor btm 2"
						7		
	48/36	1425	(8-10)		>2000	8		Red-brn, fine sand w/ tr silt, tr sm ang gvl, dry-most, hard
						9		
					1659	0		gas odor thru
						1		
						2		Refusal @ 11'5" (foundation?)
						3		
						4		
						5		
						6		
						7		
						8		
						9		

TION OF BORING

JOB NO.	CLIENT	LOCATION
F10002101.00	Wesleyan Univ.	Middletown, CT

DRILLING METHOD: geoprobe

Physical Plant, - South wall offset

BORING NO. PP-SW offset

SHEET 1 OF 1

SAMPLING METHOD: Physical Plant

56 Hamlin St, 1,000g gas UST

WATER LEVEL				
TIME				
DATE				
CASING DEPTH				

DRILLING

START	FINISH
TIME 1540	TIME 1605
DATE 7/23	DATE 7/23

SURFACE CONDITIONS: asphalt

SAMPLE TYPE	INCHES DRIVEN / INCHES RECOVERED	TIME / ~~DEPTH OF CASING~~	SAMPLE NO / SAMPLE DEPTH	BLOWS/FT SAMPLER	PID ~~NUMBER OF RODS~~	DEPTH IN FEET	SOIL GRAPH	
1	48 / 33	1555			0.0	0		Red-brn, fine sand w/ silt, tr burnt wood top 10", sm-med sub ang gvl, dry stiff
						1		
					0.0	2		No odor
						3		
—	48 / 48	1600			0.0	4		Red-brn, fine sand, lt brn/orange clay lens @ 16", tr sm sub ang gvl, dry-moist, stiff-hard
						5		
					↑2000	~~16~~ 6		strong gas odor btm 2'
			(6.0)		~~2000~~	7		
,	48 / 48	1610			↑2000	8		Red-brn, fine sand, w/ med sand, sm-lg ang - sub ang gvl, moist, stiff-hard
						9		
					↑2000	0		gas odor thru
						1		Refusal @ 11' 8" (foundation)
4						2		
						3		
						4		
						5		
						6		
						7		
						8		
						9		

JOB NO.	CLIENT	LOCATION
F00002101.00	Wesleyan Univ.	Middletown, CT

DRILLING METHOD: geoprobe

Physical Plant — West Wall

SAMPLING METHOD: Physical Plant

56 Hamlin St 1,000g gas UST

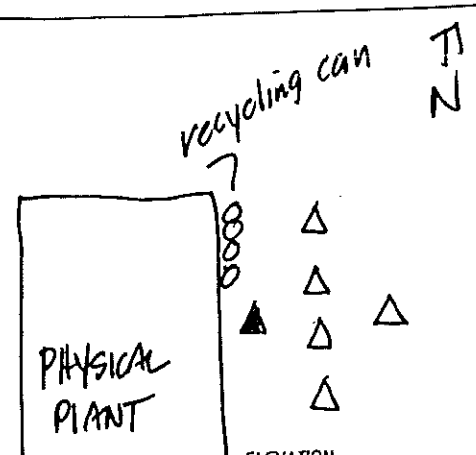
BORING NO. PP - WW

SHEET 1 OF 1

DRILLING	START	FINISH
TIME	1440	1510
DATE	8/23	8/23

WATER LEVEL				
TIME				
DATE				
CASING DEPTH				

LOCATION OF BORING



ELEVATION

SURFACE CONDITIONS: asphalt 3"

SAMPLE TYPE	INCHES DRIVEN / INCHES RECOVERED	TIME / DEPTH OF CASING	SAMPLE NO / SAMPLE DEPTH	BLOWS/FT SAMPLER	PID / NUMBER OF RINGS	DEPTH IN FEET	SOIL GRAPH	
1	48/29	1445			0.0	0		Red-brn, fine sand, 3-21" INTO Red-brn, fine med sand, tr silt, sm-med sub-ang gvl, dry soft - stiff
						1		
					0.0	2		No odor
						3		
—	48/48	1455			0.0	4		Red-brn, fine sand w/ silt tr med sand sm-lg ang sub ang gvl, dry to moist, hard
						5		
					0.0	6		Slight gas odor btm 2'
						7		
	48/48	1510			1633	8		Red-brn, fine sand, tr med sand sm-med ang gvl, stiff-hard, dry - moist, gas odor trch at
						9		
					1387	0		gas impacted areas silver sheen btm 2'
						1		
4	19/24	1525	(12 13.7)		1735	2		Red-brn, fine sand, med sand, sm-lg ang gvl, sat - dry at btm, soft-hard gas odor
						3		
						4		Refusal 13'7" (foundation?)
						5		
						6		
						7		
						8		
						9		

JOB NO.	CLIENT	LOCATION
F00002101.00	Wesleyan Univ.	Middletown, CT

DRILLING METHOD: geoprobe

Physical Plant - Monitoring Well - East Wall

SAMPLING METHOD: Physical Plant

56 Hamlin St 1,000g gas UST

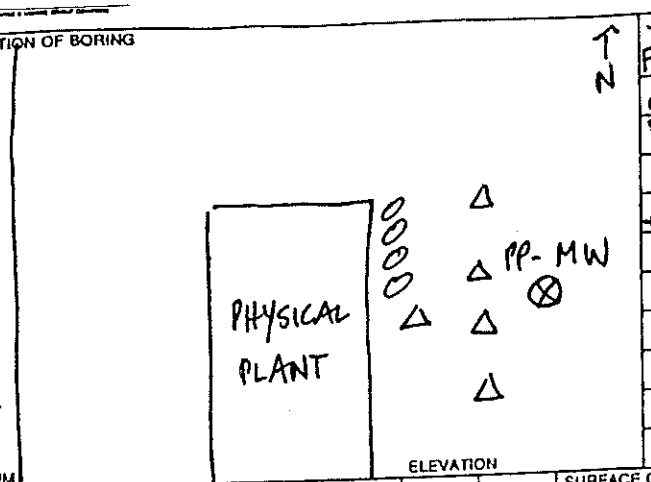
BORING NO. PP-MW-EW

SHEET 1 OF 1

DRILLING	START	FINISH
TIME	0810	0830
DATE	7/24	7/24

WATER LEVEL				
TIME				
DATE				
CASING DEPTH				

LOCATION OF BORING



ELEVATION

SURFACE CONDITIONS: asphalt

SAMPLE TYPE	INCHES DRIVEN / INCHES RECOVERED	TIME ~~DEPTH OF BORING~~	SAMPLE NO / SAMPLE DEPTH	BLOWS/FT SAMPLER	PID ~~NUMBER OF RHODS~~	DEPTH IN FEET	SOIL GRAPH	
1	48/41	820			7.8	0		Brn, black, med-coarse sand, sm-Med ang gvl, (fill), dry, loose-stiff
						1		No odor
					8.2	2		Into red-brn, fine sand + silt, no gvl, dry, stiff
						3		No odor
—	48/48	825			8.3	4		Red-brn, fine sand w/ silt, lt brn-orange clay lens @ 18" tr sm-med ang sub ang gvl, dry - moist
					1433 ~~56~~ 0	5		
						7		Gas odor btm 2'
	48/48	835		(8-10)	1831	8		Brn - Red-brn, fine sand, tr med sand, sm-med ang gvl, moist thru, hard
						9		Visible gasoline sheen btm 2'
					1764	0		Strong gas odor thru
						1		
4						2		Refusal @ 11' 6.5"
						3		well set 4-11' lgs, flush mount
						4		H2O present in hole while setting PVC
						5		
						6		
						7		
						8		
						9		

URS

Page 1 of 5

Job WESLEYAN UNIVERSITY

Project No. F100002101.00

Sheet ___ of ___

Description

Computed by

Date

Checked by AL FIORILLO

Date 7/23/01

Reference

WESLEYAN UNIVERSITY, MIDDLETOWN, CT
MONDAY, 7/23/01
CONDITIONS: TURNING 90° HOT-HUMID

- ARRIVED ON SITE @ APPROX 0910
- EDI NY VEHICLE PARKED ON ~~S~~ HAMLIN ST PKG LOT
- CHRISTINE MATHERLY ALSO ON SITE TRAINING
- EDI REP NOT PRESENT

PARKED FIELD VEH. @ 56 HAMLIN ADJACENT TO BORING LOCATIONS

0930 COMPLETED SET

0940 ~~[illegible]~~ CALLED DAVID HALL REGARDING WHEREABOUTS OF DRILLERS, STATED TIM FRAZIER OF EDI WAS W/ HIM @ THE PINE ST FACILITY

0955 TIM FRAZIER ARRIVES ON SITE

0945 CALIBRATED PHOTOVAC 2020 W/ ISOBUTYLENE

1021 STARTED @ PP-SG (PHYSICAL PLANT SOUTH GRAVE)

- H_2O table @ Approx 6' bgs.
- PID MAXED TO ↑2000 @ 6-8' INTERVAL
- STRONG GAS ODORS 6-13'7" bgs
- PID HITS REFLECT PRESENCE OF GASOLINE
- REFUSAL @ APPROX 13'7", ROCK FRAG PRESENT IN SHOE
- SAMPLES JARRED 4-13'7" bgs

1115 COMPLETED.

URS

Job WESLEYAN UNIVERSITY
Description

Project No. FI00002101.00
Computed by
Checked by AL FIORILLO

Page 2 of 5
Sheet ___ of ___
Date
Date 7/23/01
Reference

1140 STARTED @ PP-NG (PHYSICAL PLANT - NORTH GRAVE)

- LIMITED RECOVERY 0-4, CAUGHT + PUSHED BRICK
- H_2O TABLE @ APPROX 6' bgs
- NO EVIDENCE OF GASOLINE ODORS 0-8' bgs
- STRONG GAS ODORS PRESENT 8-12' bgs
- REFUSAL @ APPROX 12' bgs.
- HIGHEST PID HIT @ 10-12' INTERVAL = 1120 ppm
- SAMPLES JARRED 4-12' bgs

1220 COMPLETED

1225 - 1300 LUNCH

URS

Job WESLEYAN UNIVERSITY
Project No. F1-00002101.00
Sheet ___ of ___
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Computed by
Date
Checked by AL FIORILLO
Date 7/23/01
Reference

1300 RETURNED TO SITE FROM LUNCH

1320 STARTED @ PP-NW (PHYSICAL PLANT - NORTH WALL)

- H_2O TABLE @ APPROX 6' bgs
- TRACE BURNT WOOD FRAG FOUND IN UPPER 1'
- NO ODORS PRESENT 0-8' bgs
- STRONG GAS ODOR BEGAN @ 8' TO 11'8"

  PID = 285 ppm 8-10
  1284 ppm 10-11'8"
- REFUSAL @ APPROX 11'8"
- SAMPLES JARRED 4'-11'8" bgs

1350 COMPLETED

URS

Job WESLEYAN UNIVERSITY
Project No. F1 00002101.00
Sheet ___ of ___
Description
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Date
Checked by AL FIORILLO
Date 7/23/01
Reference

1355 STARTED @ PP-SW (PHYSICAL PLANT – SOUTH WALL)
- H_2O TABLE @ APPROX 6' bgs
- NO ODOR 0-4' bgs
- GASOLINE ODOR PRESENT @ 6' + CONTINUED THRU TO 11'5" APPROX.
  PID = 287 ppm 6-8' bgs
  = ↑2000 ppm 8-10 bgs
  = 1659 ppm 10-11'5" bgs
- SAMPLES JARRED 4-11'5"

1430 COMPLETED

OFFSET APPROX 9'8" SOUTH

1540 STARTED @ PP-SW offset
- H_2O TABLE @ APPROX. 6' bgs
- NO ODORS OR PID HITS 0-6' bgs
- GASOLINE ODORS, STRONG 6-11'8"
  PID HITS = ↑2000 ppm 6-11'8"
- REFUSAL @ APPROX 11'8"
- SAMPLES JARRED 6-8, 8-10, 10-11'8"

URS

Job WESLEYAN UNIVERSITY
Project No. F10000210 1.00
Sheet ___ of ___
Description ___
Computed by ___
Date ___
Checked by AL FIORILLO
Date 7/23/01
Reference

1440 STARTED @ PP-WW (PHYSICAL PLANT - WEST WALL)
- H_2O TABLE @ APPROX. 6'
- NO PID HITS, NO DDORS 0-6' bgs
- SLIGHT GAS ODOR 6-8' NO PID HIT
- GASOLINE ODOR SURFACED @ 8' + CONT. TO 13' 7"

PID = 1633 ppm 8-10' bgs
= 1387 ppm 10-12' bgs
= 1785 ppm 12-13' 7"

- BORING DID NOT CLEAN UP
- REFUSAL @ APPROX 13' 7"
- 10-12' GAS PRESENT, SILVER/SHEEN

1510 COMPLETED

1605 WORK COMPLETED FOR THE DAY
DECON H_2O DRUMMED
SOIL DRUMMED
TIM STATED THAT EDI CAN DISPOSE OF LINERS, PLACED IN BACK OF HIS PICK-UP TRUCK

BARRIERS DROPPED BY DAVE HALL, AREA CLOSED OFF FROM VEHICLE + PEDESTRIAN TRAFFIC

CHRISTINE MATTHERLY LEFT SITE @ 1600

LEFT SITE @ 1700

URS

Job Wesleyan University
Description

Project No.
Computed by
Checked by C. Matherly

Page 1 of 2
Sheet ___ of ___
Date
Date 8/16/01
Reference

Wesleyan University 56 Hamlin St
Sample well for Dissolved Lead
8/16/01 Thursday

1110 Arrived on-site, 56 Hamlin, well cap not on PVC. Measured Depth-to-Water 8.89'. Total Depth 11.27'. Set tubing to approximately 10.50'. Set-up equipment
1115 Calibrated Horiba U-10. Dames + Moore S/N 72929 with calibration solution.

1140 Began water quality measurements, very poor recharge (See WQ measurements form).
1150 Got second sample, did WQ, very slow, well dried up, packed up equipment

1210 Departed site to Environmental Sciences Corporation, Middletown, CT and Phoenix Labs, Manchester, CT for sample bottles. Went to GMN Corp. for Whatman Disposable Filter and Home Depot, Berlin, CT for bucket lid (for purge water) and ice for sample(s).

1520 Arrived 56 Hamlin
opened well, set-up.

1548 Purged well with peristaltic pump set on low, hooked up tubing end-end for sampling was attached to a Whatman 10 micron filter for filtering prior to pH adjustment. Sample was collected in a 250ml plastic container with Nitric acid. The container was subsequently placed in a cooler w/ ice and delivered to URS under chain of custody.

URS

Job Wesleyan University

Description

Project No.

Computed by

Checked by C. Matherly

Page 2 of 2

Sheet ___ of ___

Date

Date 8/16/01

Reference

Wesleyan University 56 Hamlin St.
Sample well for dissolved lead
8/16/01 Thursday

Clean-up site.

1625 Departed site for URS.

EXAMPLE (Minimum Requirements)
Well PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

ocation (Site/Facility Name) 56 Hamlin Wesleyan University
ell Number MW-
Date 8/16/07
ield Personnel C. Matherly
ampling Organization URS
dentify MP

Depth to (below MP) top / bottom of screen
Pump Intake at (ft. below MP)
Purging Device; (pump type) peristaltic

lock ime 4 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments
:140	8.89'				23.3	2.22	6.37	0.10	8.87	187	
/150					26.3	2.21	6.64	0.10	8.41	273	dry.

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25 °C.
3. Oxidation reduction potential (stand in for Eh).

APPENDIX B

LABORATORY ANALYSES REPORTS

COMPLETE ENVIRONMENTAL TESTING, INC.

URS CORP
AUG 03 2001
RECEIVED

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

July 31, 2001

Ms. Sydney V. Neer
Dames & Moore
500 Enterprise Dr., Suite 3B
Rocky Hill, CT 06067

Project: Wesleyan University
Project #: F1-00002101.00
CET #: 01070903
Soil: PP-NG 10-12; PP-NW 10-11.8; PP-SG 10-12; PP-SG 12-13.7; PP-SG 6-8; PP-SG 8-10; PP-SW 8-10; PP-SW Offset 6-8; PP-WW 12-13.7
Collection Date(s): 7/23/01

56 Hamlin

PREP ANALYSIS:

Acid Digestion of Soils [EPA 3050]

	PP-SG 6-8	PP-SG 8-10	PP-SG 10-12	PP-SG 12-13.7	PP-NG 10-12
Acid Digestion of Soils	Completed [7/27/01]	Completed [7/27/01]	Completed [7/27/01]	Completed [7/27/01]	Completed [7/27/01]

Acid Digestion of Soils [EPA 3050]

	PP-WW 12-13.7	PP-NW 10-11.8	PP-SW 8-10	PP-SW Offset 6-8
Acid Digestion of Soils	Completed [7/27/01]	Completed [7/27/01]	Completed [7/27/01]	Completed [7/27/01]

ANALYSIS:

Total Metals [EPA 6010] Units: mg/kg (As Rec) Analysis Date: 7/30/01

	PP-SG 6-8	PP-SG 8-10	PP-SG 10-12	PP-SG 12-13.7	PP-NG 10-12
Lead	4.3	3.4	3.1	4.7	4.1

Total Metals [EPA 6010] Units: mg/kg (As Rec) Analysis Date: 7/30/01

	PP-WW 12-13.7	PP-NW 10-11.8	PP-SW 8-10	PP-SW Offset 6-8
Lead	3.0	3.4	4.7	4.1

NOTES:
[ ] Indicates Date Prep Test Completed; ND is Not Detected.

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

Volatile Organics [EPA 8260] Units: ug/kg Analysis Date: 7/27/01

	PP-SG 6-8	PP-SG 8-10	PP-SG 10-12	PP-SG 12-13.7	PP-NG 10-12
Dichlorodifluoromethane	ND < 25	ND < 25	ND < 25	ND < 630	ND < 25
Chloromethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Vinyl Chloride	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Bromomethane	ND < 10	ND < 10	ND < 10	ND < 250	ND < 10
Chloroethane	ND < 10	ND < 10	ND < 10	ND < 250	ND < 10
Trichlorofluoromethane	ND < 25	ND < 25	ND < 25	ND < 630	ND < 25
1,1-Dichloroethene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Methylene Chloride	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Methyl-t-Butyl Ether (MTBE)	ND < 10	ND < 10	ND < 10	ND < 250	ND < 10
trans-1,2-Dichloroethene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,1-Dichloroethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
2,2-Dichloropropane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
cis-1,2-Dichloroethene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Bromochloromethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Chloroform	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,1,1-Trichloroethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Carbon Tetrachloride	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,1-Dichloropropene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Benzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 25	ND < 1.0
1,2-Dichloroethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Trichloroethene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2-Dichloropropane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Dibromomethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Bromodichloromethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
cis-1,3-Dichloropropene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Toluene	11	380	54	280	ND < 5.0
trans-1,3-Dichloropropene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,1,2-Trichloroethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Tetrachloroethene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,3-Dichloropropane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Dibromochloromethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2-Dibromoethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Chlorobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,1,1,2-Tetrachloroethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Ethylbenzene	590	1400	1600	130	130
m+p Xylenes	2200	3700	4400	1100	2100
o-Xylene	42	890	1000	170	60
Styrene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Bromoform	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Isopropylbenzene	130	250	180	330	65
1,1,2,2-Tetrachloroethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Bromobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2,3-Trichloropropane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
n-Propylbenzene	420	760	610	1200	240
2-Chlorotoluene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
4-Chlorotoluene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,3,5-Trimethylbenzene	3300	5100	4800	770	2800
tert-Butylbenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2,4-Trimethylbenzene	2200	3100	2900	700	2200
sec-Butylbenzene	43	74	77	150	39

Notes:
[ ]Indicates Date Prep Test Completed; ND is Not Detected.

Volatile Organics [EPA 8260] Units: ug/kg Analysis Date: 7/27/01

	PP-SG 6-8	PP-SG 8-10	PP-SG 10-12	PP-SG 12-13.7	PP-NG 10-12
1,3-Dichlorobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
4-Isopropyltoluene	20	32	33	76	14
1,4-Dichlorobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2-Dichlorobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
n-Butylbenzene	ND < 5.0	ND < 5.0	ND < 5.0	600	ND < 5.0
1,2-Dibromo-3-Chloropropane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2,4-Trichlorobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Hexachlorobutadiene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Naphthalene	370	510	1300	310	810
1,2,3-Trichlorobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0

Volatile Organics [EPA 8260] Units: ug/kg Analysis Date: 7/27/01

	PP-WW 12-13.7	PP-NW 10-11.8	PP-SW 8-10	PP-SW Offset 6-8
Dichlorodifluoromethane	ND < 25	ND < 25	ND < 630	ND < 25
Chloromethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Vinyl Chloride	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Bromomethane	ND < 10	ND < 10	ND < 250	ND < 10
Chloroethane	ND < 10	ND < 10	ND < 250	ND < 10
Trichlorofluoromethane	ND < 25	ND < 25	ND < 630	ND < 25
1,1-Dichloroethene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Methylene Chloride	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Methyl-t-Butyl Ether (MTBE)	ND < 10	ND < 10	ND < 250	ND < 10
trans-1,2-Dichloroethene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,1-Dichloroethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
2,2-Dichloropropane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
cis-1,2-Dichloroethene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Bromochloromethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Chloroform	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,1,1-Trichloroethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Carbon Tetrachloride	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,1-Dichloropropene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Benzene	ND < 1.0	ND < 1.0	7.5	ND < 1.0
1,2-Dichloroethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Trichloroethene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2-Dichloropropane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Dibromomethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Bromodichloromethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
cis-1,3-Dichloropropene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Toluene	52	ND < 5.0	1400	ND < 5.0
trans-1,3-Dichloropropene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,1,2-Trichloroethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Tetrachloroethene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,3-Dichloropropane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Dibromochloromethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2-Dibromoethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Chlorobenzene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,1,1,2-Tetrachloroethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0

Notes:
[ ]Indicates Date Prep Test Completed; ND is Not Detected.

Volatile Organics [EPA 8260] Units: ug/kg Analysis Date: 7/27/01

	PP-WW 12-13.7	PP-NW 10-11.8	PP-SW 8-10	PP-SW Offset 6-8
Ethylbenzene	280	ND < 5.0	1700	ND < 5.0
m+p Xylenes	3200	80	10000	ND < 5.0
o-Xylene	1000	13	3500	ND < 5.0
Styrene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Bromoform	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Isopropylbenzene	340	43	320	ND < 5.0
1,1,2,2-Tetrachloroethane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Bromobenzene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2,3-Trichloropropane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
n-Propylbenzene	1300	180	1100	ND < 5.0
2-Chlorotoluene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
4-Chlorotoluene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,3,5-Trimethylbenzene	3000	2000	13000	ND < 5.0
tert-Butylbenzene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2,4-Trimethylbenzene	5100	1500	9800	ND < 5.0
sec-Butylbenzene	120	27	160	ND < 5.0
1,3-Dichlorobenzene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
4-Isopropyltoluene	58	11	73	ND < 5.0
1,4-Dichlorobenzene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2-Dichlorobenzene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
n-Butylbenzene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2-Dibromo-3-Chloropropane	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
1,2,4-Trichlorobenzene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Hexachlorobutadiene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0
Naphthalene	640	190	800	ND < 5.0
1,2,3-Trichlorobenzene	ND < 5.0	ND < 5.0	ND < 130	ND < 5.0

Sincerely,

David Ditta
Laboratory Director

Notes:
[ ]Indicates Date Prep Test Completed; ND is Not Detected.

COMPLETE ENVIRONMENTAL TESTING, INC.
80 Lupes Drive
Stratford, CT 06615
Tel (203) 377-9984
FAX (203) 377-9952

CHAIN OF CUSTODY

1 of 4

COMPANY NAME AND ADDRESS: URS Corporation, 500 Enterprise Dr, Ste. 3B, Rocky Hill, CT 06067

REPORT TO:	PROJECT #:	PROJECT LOCATION:	PURCHASE ORDER #:	SAMPLED BY:
Sydney Neer	FI-00002101.00	Wesleyan Univ.		Al Fiorillo

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Al Fiorillo	7/24/01	0650	Sydney Neer	7/24/01	7:30
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
[illegible]	7/25/01	11:05	R Bel[illegible]	7/24	1105
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME

ANALYSIS REQUIRED

SAMPLE #	SAMPLE LOCATION	DATE	TIME	SAMPLE MATRIX	PRIORITY YES / NO	# OF CONTAINERS	VOAs / MTBE 8260	LEAD
PP-SG 4-6'		7/23	1028	SOIL	NO	2	HOLD	
PP-SG 6-8'			1028	SOIL	NO	2	X	X
PP-SG 8-10'			1045	SOIL	NO	2		
PP-SG 10-12'			1045	SOIL	NO	2		
PP-SG 12'-13'7"			1110	SOIL	NO	2		
PP-NG 4-6'			1150	SOIL	NO	2	HOLD	
PP-NG 6-8'			1150	SOIL	NO	2		
PP-NG 8-10'			1200	SOIL	NO	2		
PP-NG 10-12'		↓	1200	SOIL	NO	2	X	X

SPECIAL INSTRUCTIONS: Report to URS c/o Neer
Bill Wesleyan

COMMENTS:

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel (203) 377-9984
FAX (203) 377-9952

CHAIN OF CUSTODY

2 of 4

COMPANY NAME AND ADDRESS: URS Corporation, 500 Enterprise Dr. Ste 3B, Rocky Hill, CT 06067

REPORT TO:	PROJECT #:	PROJECT LOCATION:	PURCHASE ORDER #:	SAMPLED BY:
Sydney Neer	F1-0000 2101.00	Wesleyan Univ		Al Fiorillo

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Al Fiorillo	7/24/01	0650	[illegible]	7/24/01	7:30
[illegible]	7/24	1105	[illegible]	7/24	1105

ANALYSIS REQUIRED: VOAs 1MTBE 8260; LEAD

SAMPLE #	SAMPLE LOCATION	DATE	TIME	SAMPLE MATRIX	PRIORITY YES / NO	# OF CONTAINERS	VOAs 1MTBE 8260	LEAD
PP-WW4-6'		7/23	1455	SOIL	NO	2		
PP-WW6-8'		7/23	1455	SOIL	NO	2		
PP-WW8-10'		7/23	1510	SOIL	NO	2		
PP-WW10-12'		7/23	1510	SOIL	NO	2		
PP-WW12-13'7"		7/23	1525	SOIL	NO	2	X	X

HOLD

SPECIAL INSTRUCTIONS

COMMENTS

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel (203) 377-9984
FAX (203) 377-9952

CHAIN OF CUSTODY

3 of 4

COMPANY NAME AND ADDRESS: URS Corporation, 500 Enterprise Dr, Ste 3B, Rocky Hill, CT 06067

REPORT TO:	PROJECT #:	PROJECT LOCATION:	PURCHASE ORDER #:	SAMPLED BY:
Sydney Neer	F1-00002101.00	Wesleyan University		Al Fiorillo

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Al Fiorillo	7/27/01	0650	[illegible]	7/25	7:30
[illegible]	7/25/01	11:03	[illegible]	7/24	1105

ANALYSIS REQUIRED

SAMPLE #	SAMPLE LOCATION	DATE	TIME	SAMPLE MATRIX	PRIORITY YES / NO	# OF CONTAINERS	VOAS IN TBE 8260	LEAD
PP-NW 4-6'		7/23	1330	SOIL	NO	2		/
PP-NW 6-8'		7/23	1330	SOIL	NO	2	HOLD	
PP-NW 8-10'		7/23	1345	SOIL	NO	2	HOLD	
PP-NW 10-11'8"		7/23	1345	SOIL	NO	2	X	X
PP-SW 4-6'		7/23	1410	SOIL	NO	2		
PP-SW 6-8'		7/23	1410	SOIL	NO	2	HOLD	
PP-SW 8-10'		7/23	1425	SOIL	NO	2	X	X
PP-SW 10-11'5"		7/23	1425	SOIL	NO	2	HOLD	

SPECIAL INSTRUCTIONS

COMMENTS

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

4 of 4

80 Lupes Drive
Stratford, CT 06615
Tel (203) 377-9984
FAX (203) 377-9952

COMPANY NAME AND ADDRESS
URS Corp.
500 Enterprise Dr 3B
Rocky Hill, CT

REPORT TO:	PROJECT #:	PROJECT LOCATION:	PURCHASE ORDER #:	SAMPLED BY:
Sydney Nuer	F0000210100	Middletown		Al Fiorillo

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Al Fiorillo	7/24/01	0950	[illegible]	7/24/01	7:30
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
[illegible]	7/25	11:05	R Brady	7/24	1105
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME

ANALYSIS REQUIRED

SAMPLE #	SAMPLE LOCATION	DATE	TIME	SAMPLE MATRIX	PRIORITY YES / NO	# OF CONTAINERS	VOAs/MTBE 8260	LEAD
PP-SW offset 6-8		7/23/01	1600	SOIL	NO	2	X	X
PP-SW offset 8-10			1610	SOIL	NO	2	HOLD	
PP-SW offset 10-11'8"			1610	SOIL	NO	2	HOLD	

SPECIAL INSTRUCTIONS

COMMENTS

COMPLETE ENVIRONMENTAL TESTING, INC.

URS CORP
AUG 10 2001
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80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

August 7, 2001

Ms. Sydney V. Neer
URS
500 Enterprise Dr., Suite 3B
Rocky Hill, CT 06067

Project: Middletown
CET #: 01080209
Soil: PP-MW 8-10
Collection Date(s): 7/24/01

ANALYSIS:

Volatile Organics [EPA 8260] Units: ug/kg Analysis Date: 8/7/01

	PP-MW 8-10
Dichlorodifluoromethane	ND < 25
Chloromethane	ND < 5.0
Vinyl Chloride	ND < 5.0
Bromomethane	ND < 10
Chloroethane	ND < 10
Trichlorofluoromethane	ND < 25
1,1-Dichloroethene	ND < 5.0
Methylene Chloride	ND < 5.0
Methyl-t-Butyl Ether (MTBE)	ND < 10
trans-1,2-Dichloroethene	ND < 5.0
1,1-Dichloroethane	ND < 5.0
2,2-Dichloropropane	ND < 5.0
cis-1,2-Dichloroethene	ND < 5.0
Bromochloromethane	ND < 5.0
Chloroform	ND < 5.0
1,1,1-Trichloroethane	ND < 5.0
Carbon Tetrachloride	ND < 5.0
1,1-Dichloropropene	ND < 5.0
Benzene	ND < 1.0
1,2-Dichloroethane	ND < 5.0
Trichloroethene	ND < 5.0
1,2-Dichloropropane	ND < 5.0
Dibromomethane	ND < 5.0

NOTES:
[ ] Indicates Date Prep Test Completed; ND is Not Detected.

August 7, 2001

Cet#: 01080209
Project: Middletown

Volatile Organics [EPA 8260] Units: ug/kg Analysis Date: 8/7/01

	PP-MW 8-10
Bromodichloromethane	ND < 5.0
cis-1,3-Dichloropropene	ND < 5.0
Toluene	180
trans-1,3-Dichloropropene	ND < 5.0
1,1,2-Trichloroethane	ND < 5.0
Tetrachloroethene	ND < 5.0
1,3-Dichloropropane	ND < 5.0
Dibromochloromethane	ND < 5.0
1,2-Dibromoethane	ND < 5.0
Chlorobenzene	ND < 5.0
1,1,1,2-Tetrachloroethane	ND < 5.0
Ethylbenzene	1100
m+p Xylenes	3400
o-Xylene	910
Styrene	ND < 5.0
Bromoform	ND < 5.0
Isopropylbenzene	170
1,1,2,2-Tetrachloroethane	ND < 5.0
Bromobenzene	ND < 5.0
1,2,3-Trichloropropane	ND < 5.0
n-Propylbenzene	570
2-Chlorotoluene	ND < 5.0
4-Chlorotoluene	ND < 5.0
1,3,5-Trimethylbenzene	4600
tert-Butylbenzene	ND < 5.0
1,2,4-Trimethylbenzene	2800
sec-Butylbenzene	57
1,3-Dichlorobenzene	ND < 5.0
4-Isopropyltoluene	33
1,4-Dichlorobenzene	ND < 5.0
1,2-Dichlorobenzene	ND < 5.0
n-Butylbenzene	ND < 5.0
1,2-Dibromo-3-Chloropropane	ND < 5.0
1,2,4-Trichlorobenzene	ND < 5.0
Hexachlorobutadiene	ND < 5.0
Naphthalene	730
1,2,3-Trichlorobenzene	ND < 5.0

Sincerely,

David Ditta
Laboratory Director

Notes:
[ ]Indicates Date Prep Test Completed; ND is Not Detected.

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

URS CORP
AUG 02 2001
RECEIVED

July 30, 2001

Ms. Sydney V. Neer
Dames & Moore
500 Enterprise Dr., Suite 3B
Rocky Hill, CT 06067

Project: Middletown
Project #: F100002101
CET #: 01070988
Aqueous: EB-PP
Collection Date(s): 7/24/01

goes w/ 56 Hankin

ANALYSIS:

Volatile Organics [EPA 8260] Units: ug/l Analysis Date: 7/28/01

	EB-PP
Dichlorodifluoromethane	ND < 10
Chloromethane	ND < 5.0
Vinyl Chloride	ND < 2.0
Bromomethane	ND < 5.0
Chloroethane	ND < 5.0
Trichlorofluoromethane	ND < 25
1,1-Dichloroethene	ND < 1.0
Methylene Chloride	ND < 5.0
Methyl-t-Butyl Ether (MTBE)	ND < 5.0
trans-1,2-Dichloroethene	ND < 1.0
1,1-Dichloroethane	ND < 1.0
2,2-Dichloropropane	ND < 1.0
cis-1,2-Dichloroethene	ND < 1.0
Bromochloromethane	ND < 1.0
Chloroform	ND < 1.0
1,1,1-Trichloroethane	ND < 1.0
Carbon Tetrachloride	ND < 1.0
1,1-Dichloropropene	ND < 1.0

NOTES:
[ ] Indicates Date Prep Test Completed; ND is Not Detected.

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

Volatile Organics [EPA 8260] Units: ug/l Analysis Date: 7/28/01

	EB-PP
Benzene	ND < 1.0
1,2-Dichloroethane	ND < 1.0
Trichloroethene	ND < 1.0
1,2-Dichloropropane	ND < 1.0
Dibromomethane	ND < 1.0
Bromodichloromethane	ND < 1.0
cis-1,3-Dichloropropene	ND < 1.0
Toluene	ND < 1.0
trans-1,3-Dichloropropene	ND < 1.0
1,1,2-Trichloroethane	ND < 1.0
Tetrachloroethene	ND < 1.0
1,3-Dichloropropane	ND < 1.0
Dibromochloromethane	ND < 0.50
1,2-Dibromoethane	ND < 1.0
Chlorobenzene	ND < 1.0
1,1,1,2-Tetrachloroethane	ND < 1.0
Ethylbenzene	ND < 1.0
m+p Xylenes	ND < 1.0
o-Xylene	ND < 1.0
Styrene	ND < 1.0
Bromoform	ND < 1.0
Isopropylbenzene	ND < 1.0
1,1,2,2-Tetrachloroethane	ND < 0.50
Bromobenzene	ND < 1.0
1,2,3-Trichloropropane	ND < 1.0
n-Propylbenzene	ND < 1.0
2-Chlorotoluene	ND < 1.0
4-Chlorotoluene	ND < 1.0
1,3,5-Trimethylbenzene	ND < 1.0
tert-Butylbenzene	ND < 1.0
1,2,4-Trimethylbenzene	ND < 1.0
sec-Butylbenzene	ND < 1.0
1,3-Dichlorobenzene	ND < 1.0
4-Isopropyltoluene	ND < 1.0
1,4-Dichlorobenzene	ND < 1.0
1,2-Dichlorobenzene	ND < 1.0
n-Butylbenzene	ND < 1.0
1,2-Dibromo-3-Chloropropane	ND < 1.0
1,2,4-Trichlorobenzene	ND < 1.0
Hexachlorobutadiene	ND < 1.0
Naphthalene	ND < 1.0
1,2,3-Trichlorobenzene	ND < 1.0

Sincerely,

David Ditta
Laboratory Director

Notes:
[ ]Indicates Date Prep Test Completed; ND is Not Detected.

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel (203) 377-9984
FAX (203) 377-9952

CHAIN OF CUSTODY

2 of 4

COMPANY NAME AND ADDRESS
URS CORP.
500 Enterprise Dr 3B
Rocky Hill, CT

REPORT TO:	PROJECT #:	PROJECT LOCATION:	PURCHASE ORDER #:	SAMPLED BY:
Sydney Neer	F10000210.00	Middletown		Al Fiorillo

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Al Fiorillo	7/25/01	0045	[signature]	7/25	7:40
S. Russell	7/25/01	1:50	W. E. Lauck	7/25/01	1350
W. E. Lauck	7/25/01	1552	E Fannin	7/25/01	1558

ANALYSIS REQUIRED

SAMPLE #	SAMPLE LOCATION	DATE	TIME	SAMPLE MATRIX	PRIORITY YES / NO	# OF CONTAINERS	VOA's/MTBE	LEAD
PP-MW 4-6	EASTWALL (EW)	7/24/01	0825	SOIL	NO	2		
PP-MW 6-8	EW	↓	0825	↓	↓	2	Hold	
PP-MW 8-10'	EW	↓	0835	↓	↓	2	X	X
PP-MW 10-11.5'	EW	↓	0835	↓	↓	2	Hold	
EB-PP		↓	1000	AQ	↓	3	X	~~X~~

SPECIAL INSTRUCTIONS Fax results to Sydney Neer @ URS
Bill Wesley 2/1

COMMENTS

COMPLETE ENVIRONMENTAL TESTING, INC.

) Lupes Drive
:ratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

URS CORP
AUG 08 2001
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ugust 6, 2001

'is. Sydney V. Neer
'ames & Moore
500 Enterprise Dr., Suite 3B
'ocky Hill, CT 06067

Project: Middletown
roject #: F100002101
ET #: 01070987
Soil: F4-EW Offset 0-2; F4-NG 6-8; F4-NW 6-8; F4-SG 10-12; F4-SW 10-12; F4-SW 10-12 Dup; F4-WW 4-6; PP-MW 8-10
'ollection Date(s): 7/24/01

PREP ANALYSIS:

Acid Digestion of Soils [EPA 3050]

	PP-MW 8-10
Acid Digestion of Soils	Completed [8/3/01]

ANALYSIS:

Total Petroleum Hydrocarbons [EPA 418.1] Units: mg/kg Analysis Date: 7/30/01

	F4-NG 6-8	F4-SG 10-12	PP-MW 8-10	F4-EW Offset 0-2	F4-SW 10-12
Total Petroleum Hydrocarbons	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50

Total Petroleum Hydrocarbons [EPA 418.1] Units: mg/kg Analysis Date: 7/30/01

	F4-WW 4-6	F4-NW 6-8	F4-SW 10-12 Dup
Total Petroleum Hydrocarbons	ND < 50	ND < 50	ND < 50

NOTES:
[ ] Indicates Date Prep Test Completed; ND is Not Detected.

August 6, 2001

Project#: F100002101
et#: 01070987
oject: Middletown

Total Metals [EPA 6010] Units: mg/kg (As Rec) Analysis Date: 8/3/01

	PP-MW 8-10
Lead	3.5

Sincerely,

avid Ditta
aboratory Director

Notes:
Indicates Date Prep Test Completed; ND is Not Detected.

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

0 L... Dri...
Stratford, CT 06615
Tel (203) 377-9984
FAX (203) 377-9952

2 of 4

COMPANY NAME AND ADDRESS
URS CORP.
500 Enterprise Dr 3B
Rocky Hill, CT

REPORT TO:	PROJECT #:	PROJECT LOCATION:	PURCHASE ORDER #:	SAMPLED BY:
Sydney Neer	F100002(a.c)	Middletown		Al Fiorillo

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Al Fiorillo	7/25/01	0645	[illegible]	7/25	7:40
S. Russell	7/25/01	1:50	W. E. Lauck	7/25/01	1350
W. E. Lauck	7/25/01	15:52	E Tannum	7/25/01	1558

ANALYSIS REQUIRED

SAMPLE #	SAMPLE LOCATION	DATE	TIME	SAMPLE MATRIX	PRIORITY YES / NO	# OF CONTAINERS	VOA's / MTBE	LEAD
PP-MW 4-6	EASTWALL (EW)	7/24/01	0825	SOIL	NO	2		
PP-MW 6-8	EW	↓	0825	↓	↓	2	Hold	
PP-MW 8-10'	EW	↓	0835	↓	↓	2	X	X
PP-MW 10-11.5'	EW	↓	0835	↓	↓	2	Hold	
EB-PP		↓	1000	AQ	↓	3	X	~~X~~

SPECIAL INSTRUCTIONS Fax results to Sydney Neer @ URS
[illegible]

COMMENTS

COMPLETE ENVIRONMENTAL TESTING, INC.

URS CORP
AUG 10 2001
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80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

August 8, 2001

Ms. Sydney V. Neer
URS
500 Enterprise Dr., Suite 3B
Rocky Hill, CT 06067

Project: Wesleyan
CET #: 01080199
Water: 156 High St.; 56 Hamlin St.; Trip Blank
Collection Date(s): 8/2/01

PREP ANALYSIS:

Liquid-Liquid Extraction [EPA 3510]

	156 High St.
Liquid-Liquid Extraction	Completed [8/7/01]

ANALYSIS:

Total Petroleum Hydrocarbons [EPA 418.1] Units: mg/l Analysis Date: 8/8/01

	156 High St.
Total Petroleum Hydrocarbons	ND < 0.50

Total Metals [EPA 200.7] Units: mg/l Analysis Date: 8/7/01

	56 Hamlin St.
Lead	0.40

NOTES:
[ ] Indicates Date Prep Test Completed; ND is Not Detected.

August 8, 2001

Cet#: 01080199
Project: Wesleyan

EPA 8270 Polynuclear Aromatics [EPA 8270] Units: ug/l Analysis Date: 8/7/01

	156 High St.
Naphthalene	ND < 1.0
Acenaphthylene	ND < 0.30
Acenaphthene	ND < 1.0
Fluorene	ND < 1.0
Phenanthrene	ND < 0.077
Anthracene	ND < 1.0
Fluoranthene	ND < 1.0
Pyrene	ND < 1.0
Benzo[a]anthracene	ND < 0.06
Chrysene	ND < 1.0
Benzo[b]fluoranthene	ND < 0.08
Benzo[k]fluoranthene	ND < 0.30
Benzo[a]pyrene	ND < 0.20
Indeno[1,2,3-cd]pyrene	ND < 0.50
Dibenz[a,h]anthracene	ND < 0.50
Benzo[g,h,I]perylene	ND < 1.0

Volatile Organics [EPA 8260] Units: ug/l Analysis Date: 8/6/01

	156 High St.	56 Hamlin St.	Trip Blank
Dichlorodifluoromethane	ND < 10	ND < 200	ND < 10
Chloromethane	ND < 5.0	ND < 100	ND < 5.0
Vinyl Chloride	ND < 2.0	ND < 40	ND < 2.0
Bromomethane	ND < 5.0	ND < 100	ND < 5.0
Chloroethane	ND < 5.0	ND < 100	ND < 5.0
Trichlorofluoromethane	ND < 25	ND < 500	ND < 25
1,1-Dichloroethene	ND < 1.0	ND < 20	ND < 1.0
Methylene Chloride	ND < 5.0	ND < 100	ND < 5.0
Methyl-t-Butyl Ether (MTBE)	ND < 5.0	ND < 100	ND < 5.0
trans-1,2-Dichloroethene	ND < 1.0	ND < 20	ND < 1.0
1,1-Dichloroethane	ND < 1.0	ND < 20	ND < 1.0
2,2-Dichloropropane	ND < 1.0	ND < 20	ND < 1.0
cis-1,2-Dichloroethene	ND < 1.0	ND < 20	ND < 1.0
Bromochloromethane	ND < 1.0	ND < 20	ND < 1.0
Chloroform	ND < 1.0	ND < 20	ND < 1.0
1,1,1-Trichloroethane	ND < 1.0	ND < 20	ND < 1.0
Carbon Tetrachloride	ND < 1.0	ND < 20	ND < 1.0
1,1-Dichloropropene	ND < 1.0	ND < 20	ND < 1.0
Benzene	ND < 1.0	26 > GWP	ND < 1.0
1,2-Dichloroethane	ND < 1.0	ND < 20	ND < 1.0
Trichloroethene	ND < 1.0	ND < 20	ND < 1.0
1,2-Dichloropropane	ND < 1.0	ND < 20	ND < 1.0
Dibromomethane	ND < 1.0	ND < 20	ND < 1.0
Bromodichloromethane	ND < 1.0	ND < 20	ND < 1.0
cis-1,3-Dichloropropene	ND < 1.0	ND < 20	ND < 1.0
Toluene	ND < 1.0	4900 > GWP	ND < 1.0
trans-1,3-Dichloropropene	ND < 1.0	ND < 20	ND < 1.0
1,1,2-Trichloroethane	ND < 1.0	ND < 20	ND < 1.0
Tetrachloroethene	ND < 1.0	ND < 20	ND < 1.0

Notes:
[ ]Indicates Date Prep Test Completed; ND is Not Detected.

August 8, 2001

Cet#: 01080199
Project: Wesleyan

Volatile Organics [EPA 8260] Units: ug/l Analysis Date: 8/6/01

	156 High St.	56 Hamlin St.	Trip Blank
1,3-Dichloropropane	ND < 1.0	ND < 20	ND < 1.0
Dibromochloromethane	ND < 0.50	ND < 10	ND < 0.50
1,2-Dibromoethane	ND < 1.0	ND < 20	ND < 1.0
Chlorobenzene	ND < 1.0	ND < 20	ND < 1.0
1,1,1,2-Tetrachloroethane	ND < 1.0	ND < 20	ND < 1.0
Ethylbenzene	ND < 1.0	2300 > GWP	1.5
m+p Xylenes	ND < 1.0	11000 > GWP Res VOI	4.2
o-Xylene	ND < 1.0	2700 > GWP	ND < 1.0
Styrene	ND < 1.0	ND < 20	ND < 1.0
Bromoform	ND < 1.0	ND < 20	ND < 1.0
Isopropylbenzene	ND < 1.0	90 > GWP	ND < 1.0
1,1,2,2-Tetrachloroethane	ND < 0.50	ND < 10	ND < 0.50
Bromobenzene	ND < 1.0	ND < 20	ND < 1.0
1,2,3-Trichloropropane	ND < 1.0	ND < 20	ND < 1.0
n-Propylbenzene	ND < 1.0	200 > GWP	ND < 1.0
2-Chlorotoluene	ND < 1.0	ND < 20	ND < 1.0
4-Chlorotoluene	ND < 1.0	ND < 20	ND < 1.0
1,3,5-Trimethylbenzene	ND < 1.0	88	ND < 1.0
tert-Butylbenzene	ND < 1.0	ND < 20	ND < 1.0
1,2,4-Trimethylbenzene	ND < 1.0	2000 > GWP Res VOI	1.8
sec-Butylbenzene	ND < 1.0	67 > GWP	ND < 1.0
1,3-Dichlorobenzene	ND < 1.0	ND < 20	ND < 1.0
4-Isopropyltoluene	ND < 1.0	ND < 20	ND < 1.0
1,4-Dichlorobenzene	ND < 1.0	ND < 20	ND < 1.0
1,2-Dichlorobenzene	ND < 1.0	ND < 20	ND < 1.0
n-Butylbenzene	ND < 1.0	ND < 20	ND < 1.0
1,2-Dibromo-3-Chloropropane	ND < 1.0	ND < 20	ND < 1.0
1,2,4-Trichlorobenzene	ND < 1.0	ND < 20	ND < 1.0
Hexachlorobutadiene	ND < 1.0	ND < 20	ND < 1.0
Naphthalene	ND < 1.0	360 > GWP	ND < 1.0
1,2,3-Trichlorobenzene	ND < 1.0	ND < 20	ND < 1.0

Sincerely,

David Ditta
Laboratory Director

Notes:
[ ]Indicates Date Prep Test Completed; ND is Not Detected.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

80 Lupes Drive
Stratford, CT 06615
Tel (203) 377-9984
FAX (203) 377-9952

COMPANY NAME AND ADDRESS URS Corp.
500 Enterprise Dr, Ste 3B
Rocky Hill, CT 06067

REPORT TO:	PROJECT #:	PROJECT LOCATION:	PURCHASE ORDER #:	SAMPLED BY:
Sydney Neer		Wesleyan		JR

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
	8/2/01	1500	Christine Matherly	8/2/01	1500
RELINQUISHED BY: Christine Matherly	8/3/01	0708	Philip E. Warn	8/3/01	0708
RELINQUISHED BY: Philip E. Warn	8/3/01	1540	[illegible]	8/3	1540

ANALYSIS REQUIRED

SAMPLE #	SAMPLE LOCATION	DATE	TIME	SAMPLE MATRIX	PRIORITY YES / NO	# OF CONTAINERS	8260 VOAs/MTBE	PAHs 8270	TPH (418.1)	Total Lead
156 High ST		8/2/01	1400	H_2O		6	X	X	X	
56 Hamlin ST		↓	1300	↓		3	X			X
Trip Blank		8/2/01		↓		2	X			

SPECIAL INSTRUCTIONS Do not shake TOTAL Lead. Would like [illegible]

COMMENTS

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

URS CORP
AUG 22 2001
RECEIVED

August 20, 2001

Ms. Sydney V. Neer
URS
500 Enterprise Dr., Suite 3B
Rocky Hill, CT 06067

Project: Wesleyan
CET #: 01080688
Water: 56 Hamlin MW
Collection Date(s): 8/16/01

ANALYSIS:

Dissolved Metals [EPA 200.7] Units: mg/l Analysis Date: 8/20/01

	56 Hamlin MW
Lead	ND < 0.013

Sincerely,

David Ditta
Laboratory Director

NOTES:
[ ] Indicates Date Prep Test Completed; ND is Not Detected.

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel (203) 377-9984
FAX (203) 377-9952

CHAIN OF CUSTODY

COMPANY NAME AND ADDRESS: URS Corporation, 500 Enterprise Dr #3B, Rocky Hill CT 06067

REPORT TO:	PROJECT #:	PROJECT LOCATION:	PURCHASE ORDER #:	SAMPLED BY:
S. Weer		Wesleyan		C. Matherly

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Christine Matherly	8/16/01	1717	W. E. Lauck	8/17/01	1402
RELINQUISHED BY: Lauck	8/17/01	1546	RECEIVED BY: E. Tarney	8/17/01	1550
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME

ANALYSIS REQUIRED

SAMPLE #	SAMPLE LOCATION	DATE	TIME	SAMPLE MATRIX	PRIORITY YES / NO	# OF CONTAINERS	Dissolved Lead
56 Hamlin MW		8/16/01	1548	H_2O	Yes 24 HR T-A-T	1	X

SPECIAL INSTRUCTIONS: 24 HR Turn Around Time

COMMENTS: purged water, filtered w/ 10 um filter prior to bottle, bottle pres. w/ HNO_3

APPENDIX C

CT DEP INCIDENT REPORT

STATE OF CONNECTICUT

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Waste Management, Connecticut Spill Response Division

Emergency Incident Report

Case No.: 2001-05781

Staff Receiving Call: 833 SANTACROCE, JIM Assigned To: 000 NO RESPONSE

Date Reported: 08/02/2001 Time Reported: 10:49

Date of Release: 08/02/2001 Time of Release: UNKNOWN

Town of Release: MIDDLETOWN State of Release: CT

Location of Reported Release: 56 HAMLIN ST

Reported By: SIDNEY MEER Phone: (860) 721-1424

Representing: URF INC

Responsible Party: WESLEYAN UNIVERSITY Phone:

Street Address: 186 COLLEGE ST

Town: MIDDLETOWN State: CT Zip Code: 06457-

Does the Responsible Party Accept Financial Responsibility? YES

Release Type: PETROLEUM

Release Substance: gasoline

Media: TANK GRAVE

Total Quantity: 0 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures: lust removed mid 90's, level below rsr in ppb, 1000g lust, reexcavation and testing showed these previously unreported contaminants

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0 Total Quantity in Water: 0

Corrective Actions Taken: REMOVED TANK

Discharge Class: PRIVATE

Cause of Incident: INGROUND TANK FAILURE

Agencies Notified: LOCAL FIRE MARSHAL

Status: CLOSED

RECORD OF TELEPHONE CONVERSATION

SHEET ____ OF

DATE: 8/2 10.49 JOB NO.: We

RECORDED BY: Sepl OWNER/CLIENT:

TALKED WITH: CTDEP Bodge 933 OF

PHONE NO.:

MAIN SUBJECT OF CALL:

PARTICIPANTS IN DISCUSSION: 56 Hamlin - Release Report

ITEMS DISCUSSED:

- said I called on 7/25 to report release based on field observations - told to wait until lab data came in.

- provided info requested including responsible party

- explained got detections in borings <RSRs

2001 - 05781

(heard the beeping)

FOLLOW UP:

ROUTE TO:

URS