EMA
Environmental Management Associates, LLC

May 15, 2014

Reference No. 581

Mr. David Brownlee
Unit Coordinator
Georgia Environmental Protection Division
Hazardous Sites Response Program
Floyd Towers East, Suite #1154
2 Martin Luther king Jr. Drive, SE
Atlanta, Georgia 30334-9000

Dear Mr. Brownlee:

Re: Responses to Comments and Voluntary Remediation Program (VRP) Compliance Status Report
U.S. Plating & Burn Site
78 Milton Avenue, S.E., Fulton County, Georgia
Facility ID No. 10264

On behalf of 78 Milton, LLC and Lebow Land Company, LLC, please find the responses to the Georgia Environmental Protection Division (EPD) comments in two correspondences dated April 23, 2014 for the Voluntary Remediation Program Application. The EPD comment and the owner's response follows:

Conditions of Acceptance into VRP

EPD Comment 1

Although the qualifying properties are exempt from certification to groundwater RRSs, a groundwater-protection requirement for site soils, as it applies to the downgradient point of exposure (POE), is still in effect. However, a POE was not specified in the application. Accordingly,

a. *The CSR should specify a POE and an associated point-of-demonstration (POD) well, which shows that the POE will be adequately protected.*

b. *The CSR should identify possible surface-water receptors to contaminated groundwater, and demonstrate that those receptors will be adequately protected.*

Owner's Response

As discussed with EPD during the conference call on April 29, 2014, the POE for soils has been defined as the Site based on the RRS calculations completed by EPD for the RAR and for groundwater based on our RRS calculation for nickel. The VRP Act will allow us to move the

5262 Belle Wood Court, Suite A ♦ Buford, Georgia 30518
Phone 770.271.4628 ♦ Fax 770.271.8944
www.emallc.net

POE to an arbitrary location 1,000 feet downgradient of the existing groundwater plume to calculate alternate concentration limits (ACLs) for soil and groundwater that would also be protective of human receptors; however, this is not required at this time. A POD well is not required by EPD as agreed upon during our conference call.

The closest surface water receptor is approximately 3,500 feet from the Site and therefore based on the typical mobility of metals in groundwater, it was agreed upon that a demonstration is not required. A discussion on the location of this surface water receptor and the likelihood of impact is provided in section 7.2 of the V-CSR.

EPD Comment 2

A VRP application is intended to be a self-contained document. The CSR will need to include data on each of the additional qualifying properties, including a summary of the site-release history, tables, figures, and analytical-laboratory reports.

Owner's Response

The attached V-CSR includes all the information known about site-release history on each qualifying property. All previous reports that contain information on the investigations at the qualifying properties have been included in the V-CSR, which includes tables, figures, and analytical laboratory reports.

It should be noted that 1101 Martin Street was added as an additional qualifying property based on the recent sampling results discussed in the attached V-CSR.

Supplemental Comments

EPD Comment 1

An analysis, from previous work on site, demonstrating that stained subsurface soils on the properties adjoining Tract 4 are within residential RRSs. In the Prospective Purchaser Compliance Status Report (PPCSR) of July 2006, approved by EPD in our letter of August 6, 2006, Tract 4, which is part of HSI site number 10264 and which is located at 78 Milton Avenue, was certified as being within Type 2 risk reduction standards (RRSs) for soil. Of the qualifying properties specified within the current VRP application, we note that only Tract 4 was so certified. During soil excavation on Tract 4 conducted prior to submittal of the PPCSR,, EPD representatives observed stained soil within excavations walls that bordered adjoining properties, Accordingly, EPD is concerned that soil exceeding residential (Type 1 or 2) RRSs may be present in the subsurface soils bordering the U.S. Plating site.

Owner's Response

It is our understanding the EPD directed it's cleanup contractor to install 14 boreholes north of the U.S. Plating & Burn Site following completion of the removal to investigate any remaining

stained soils in the sidewalls on the north side of the final excavation. As detailed in the RAR, only two out of 14 boreholes installed north of the Site at in the 30' easement that separates the Site from 72 Milton Avenue contained soils that exceeded the Type 1 or 2 RRS. Those soils were removed by REM-CON in 2006. None of the confirmatory sidewall soil samples collected by EPD's contractor on the north side of the Site were above the applicable Type 1 or 2 RRS as detailed in the RAR.

As far as any staining remaining in the southern sidewalls of the final excavation, these soils were removed in 2006 and 2013. As reported in the RAR, some of the surface soil samples collected within the ditch (former railroad spur identified as tract 7) that separates 78 and 80 Milton Avenue were reported with select metals that exceeded the RRS's. In addition, sidewall confirmatory soil samples collected at BLDG1W4 and USP8W4 were also above the RRS for select analytes. Those previously detected soils with analytes above the Type 1 or 2 RRS were removed by REM-CON in 2006 and EMA in 2013. A detailed discussion of these removal efforts are included in the attached V-CSR and the results of the confirmatory sampling are illustrated on Figure 7. In addition, the analytical reports and disposal manifests associated with the confirmatory soil samples from the 2006 removal are included in the REM-CON reports in Appendix C of the V-CSR.

EPD Comment 2

RRS calculations and sources for values used in those calculations for every regulated substance addressed in the VRP application.

Owner's Response

The soil Type 1 and 2 RRS for the select metal analytes were calculated by EPD in the RAR. As discussed during the April 29, 2014 conference call, we were only to include calculations for any changes to these RRS. It was also decided that we would not need to provide RRS calculations for the petroleum related contaminants (PAHs, xylenes, ethylbenzene, and toluene) detected in soils on 80 Milton Avenue since none of these analytes were reported above the Georgia notification concentrations or the applicable Type 1 RRS.

EPD Comment 3

Data to accompany all data points specified on the figures included with the VRP application. Several points designated as soil-boring locations had no data to support them. Please include tables and laboratory reports, where applicable.

Owner's Response

All data has been included in the V-CSR.

EPD Comment 4

A table listing the delineation standards for each constituent of concern in soil and groundwater on site, pursuant to Section 12-8-108(1) of the VRP Act.

Owner's Response

The soil delineation standards are included in Table 10 of the V-CSR. The groundwater delineation standard for nickel, which was the only constituent detected in groundwater above the Type 1 RRS, is included in the text in Section 5.0.

EPD Comment 5

A tax map or plat indicating the tax identification number of each parcel on site and of every property abutting the site.

Owner's Response

The tax identification numbers for each of the combined properties have been added to the Site Plan (Figure 2) of the V-CSR. We have included a combined Tax Map that includes the tax identification numbers for the abutting properties along with the property owner information in Attachment A to this correspondence. It should be noted however that tax parcels do not accurately reflect the entirety of the Site and adjacent qualifying properties due to the gaps in the tax plats. The legal description should be relied on to accurately describe the Site and adjacent qualifying properties.

EPD Comment 6

A detailed narrative of protocols utilized during the most recent groundwater-sampling event. The narrative should include detailed information on sampling equipment, collection techniques, sample handling/preservation, and decontamination procedures. Proper groundwater-sampling methodology must be followed, or EPD may disallow groundwater-analytical results and require re-sampling. The groundwater-sampling methodology required by EPD is specified in the USEPA Region 4 Field Branches Quality System and Technical Procedures, Science and Ecosystem Support Division (SESD OPs), "Procedure SESDPROC-301-R3, Groundwater Sampling," effective date March 6, 2013.

Owner's Response

This information is included in the associated text and Appendix F of the V-CSR.

EPD Comment 7

Field logs for the most recent groundwater-sampling event. Note that on all groundwater-sampling field logs, the depth to the tube or pump intake should be included, When conducting low-flow sampling or

micropurging, the pump intake should be positioned in the middle of the screened interval, whereas with a traditional multi-volume purge, the pump intake should be positioned near the top of the water column. Field logs should also include the field-measured groundwater stabilization parameters obtained prior to sampling. Turbidity is especially important in groundwater samples that will be undergoing metals analysis.

Owner's Response

The low-flow sampling procedures were used during the most recent groundwater sampling events conducted in 2013. The procedures used are detailed in Section 6.0 and Appendix F and the field well purging/sampling logs have also been included in Appendix F of the V-CSR.

Please find one hard copy and two electronic versions of the V-CSR in Attachment B. We certify that to the best of our knowledge that the electronic copies are complete, identical in content to the paper copy, and virus free.

Should you have any questions related to this correspondence, please contact the undersigned at (770) 271-4628.

Yours truly,

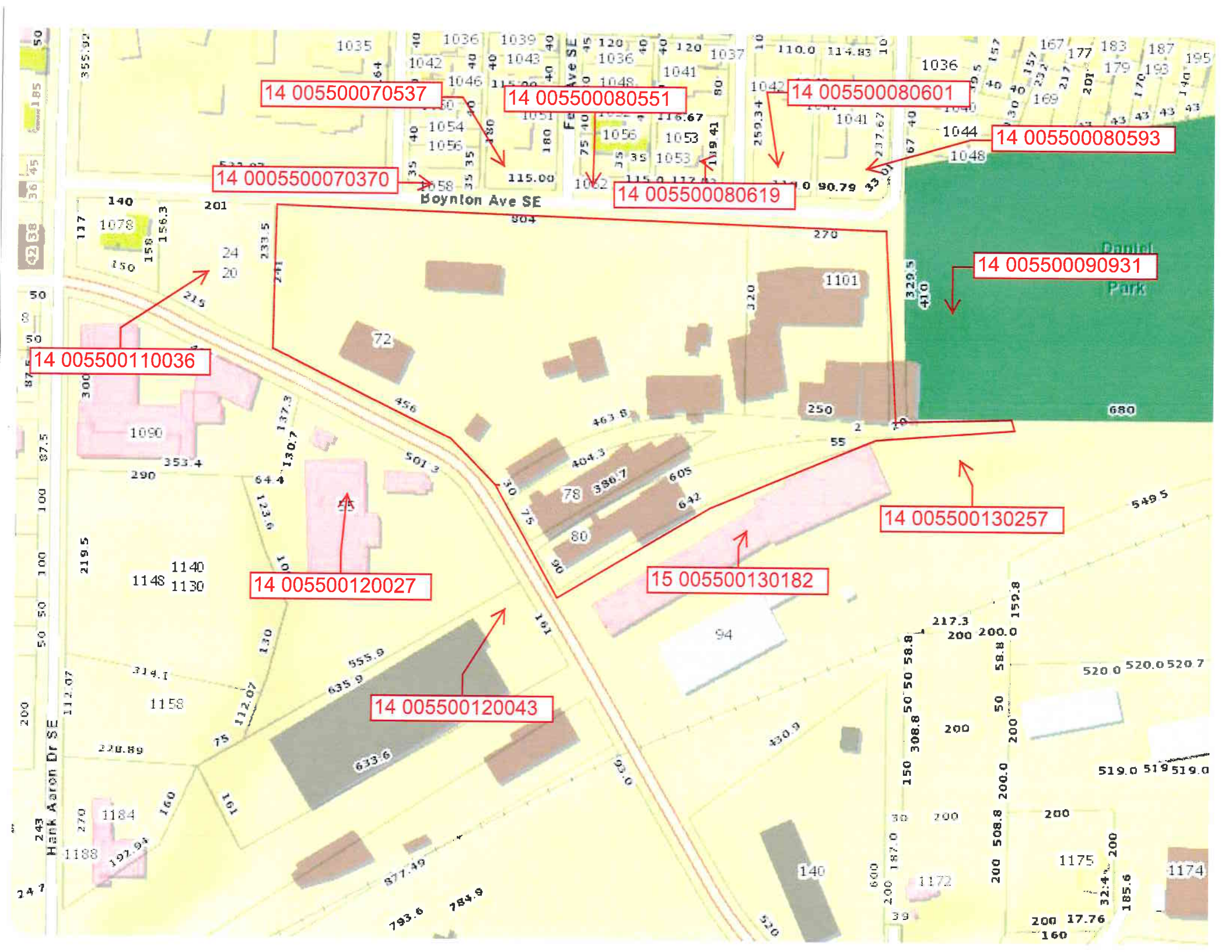
Environmental Management Associates, LLC

Brent Cortelloni, CHMM

Encl.

cc: Eric Ranney
Joan Sasine

ATTACHMENT A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14 005500090931
Daniel Park
14 005500110036
14 005500130257
14 005500120027
15 005500130182
14 005500120043
Hank Aaron Dr SE

Property Profile for 0 MILTON AVE SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500110036
Property Address	0 MILTON AVE SE
Owner	MASJID AL MUMINUN INC
Mailing Address	1127 HANK AARON DR ATLANTA GA 30315
Total Appraisal	$157,300
Improvement Appraisal	$2,500
Land Appraisal	$154,800
Assessment	$0
Tax District	05T
Land Area	0.895316 ac
Property Class	Exempt - Churches
Land Use Class	Vacant Exempt Land
TAD	Beltline TAD
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01G
Poll Location	D.H. Stanton Elementary School, 970 Martin Street
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	D.H. Stanton
Middle School	King
High School	Maynard Jackson

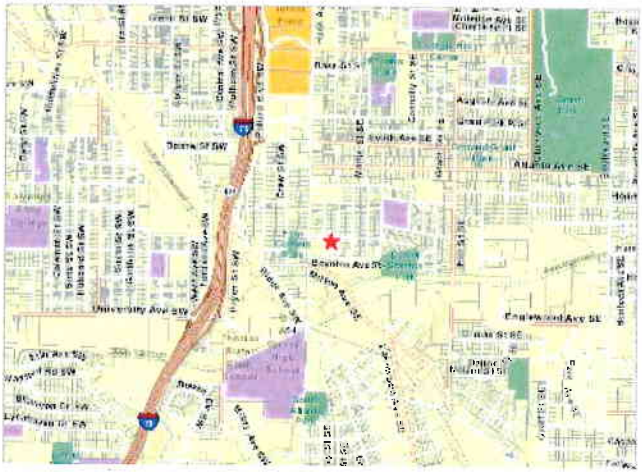
Other Information

Zip Code	30315
Census Tract	55.01
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map



Property Profile for 55 MILTON AVE SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500120027
Property Address	55 MILTON AVE SE
Owner	VFH CAPTIVE INSURANCE COMPANY
Mailing Address	55 MILTON AVE SE ATLANTA GA 30315
Total Appraisal	$629,100
Improvement Appraisal	$196,800
Land Appraisal	$432,300
Assessment	$251,640
Tax District	05T
Land Area	5.2 ac
Property Class	Commercial Small Tracts
Land Use Class	Auto Service Garage
TAD	Beltline TAD
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01G
Poll Location	D.H. Stanton Elementary School, 970 Martin Street
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	D.H. Stanton
Middle School	King
High School	Maynard Jackson

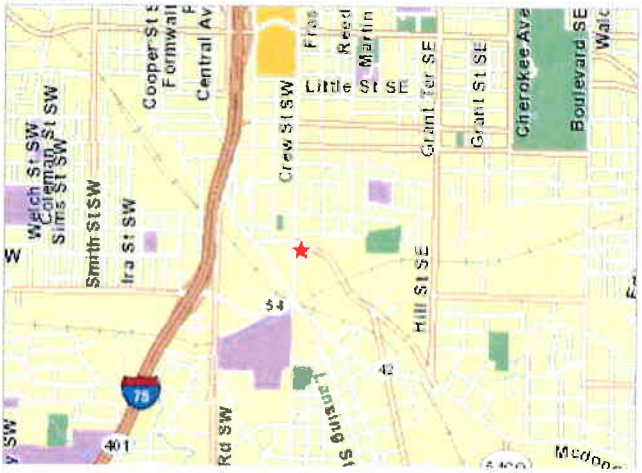
Other Information

Zip Code	30315
Census Tract	55.01
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map



Property Profile for 79 MILTON AVE SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500120043
Property Address	79 MILTON AVE SE
Owner	FULTON COUNTY
Mailing Address	141 PRYOR ST SW SUITE 7000 ATLANTA GA 30303
Total Appraisal	$619,600
Improvement Appraisal	$480,200
Land Appraisal	$139,400
Assessment	$0
Tax District	05T
Land Area	2.35 ac
Property Class	Exempt - Public Property
Land Use Class	Rail/Bus/Air Terminal
TAD	Beltline TAD
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01G
Poll Location	D.H. Stanton Elementary School, 970 Martin Street
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	D.H. Stanton
Middle School	King
High School	Maynard Jackson

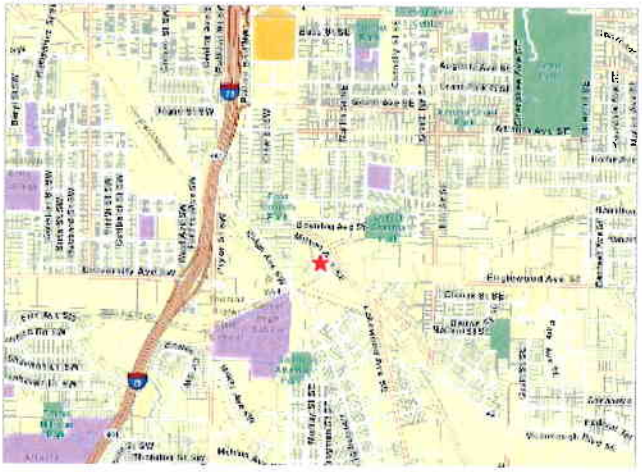
Other Information

Zip Code	30315
Census Tract	55.01
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map



Property Profile for 55 MILTON AVE SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500120027
Property Address	55 MILTON AVE SE
Owner	VFH CAPTIVE INSURANCE COMPANY
Mailing Address	55 MILTON AVE SE ATLANTA GA 30315
Total Appraisal	$629,100
Improvement Appraisal	$196,800
Land Appraisal	$432,300
Assessment	$251,640
Tax District	05T
Land Area	5.2 ac
Property Class	Commercial Small Tracts
Land Use Class	Auto Service Garage
TAD	Beltline TAD
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01G
Poll Location	D.H. Stanton Elementary School, 970 Martin Street
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	D.H. Stanton
Middle School	King
High School	Maynard Jackson

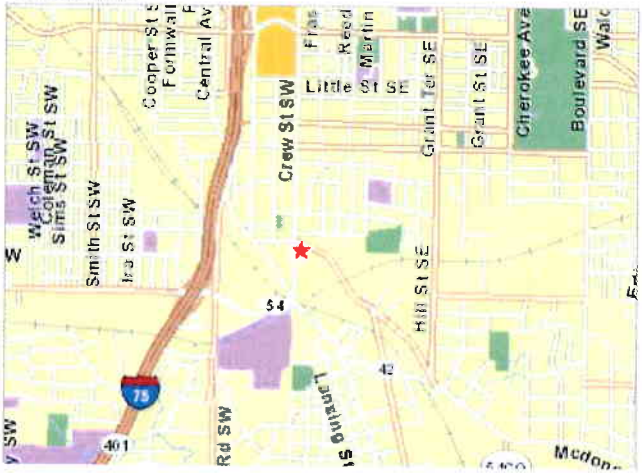
Other Information

Zip Code	30315
Census Tract	55.01
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map



Property Profile for 140 MILTON AVE SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500130182
Property Address	140 MILTON AVE SE
Owner	CHOSEWOOD INVESTMENTS LLC
Mailing Address	195 ARIZONA AVE # 1 ATLANTA GA 30307
Total Appraisal	$375,000
Improvement Appraisal	$129,500
Land Appraisal	$245,500
Assessment	$150,000
Tax District	05T
Land Area	2.83999 ac
Property Class	Industrial Small Tracts
Land Use Class	Truck Terminal
TAD	Beltline TAD
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01J
Poll Location	Price Middle School, 1670 Benjamin W. Bickers Dr Se
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	Benteen
Middle School	King
High School	Maynard Jackson

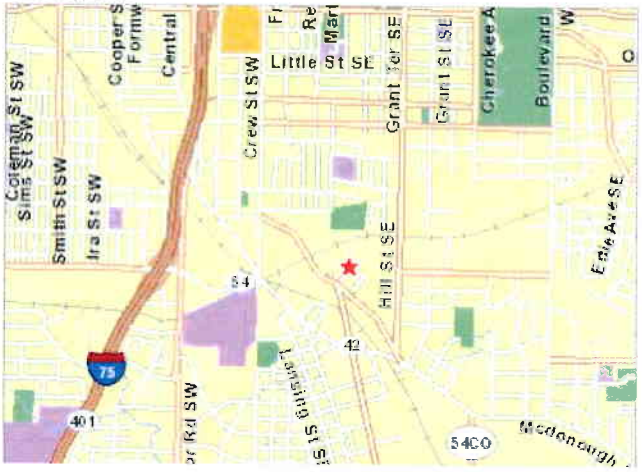
Other Information

Zip Code	30315
Census Tract	55.02
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map



Property Profile for 0 MARTIN ST SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500130257
Property Address	0 MARTIN ST SE
Owner	BUTLER BONNIE R & JOE S JR
Mailing Address	150 MILTON AVE SE ATLANTA GA 30315
Total Appraisal	$409,200
Improvement Appraisal	$168,000
Land Appraisal	$241,200
Assessment	$163,680
Tax District	05T
Land Area	2.78999 ac
Property Class	Commercial Small Tracts
Land Use Class	Auto Service Garage
TAD	Beltline TAD
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01J
Poll Location	Price Middle School, 1670 Benjamin W. Bickers Dr Se
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	Benteen
Middle School	King
High School	Maynard Jackson

Other Information

Zip Code	30315
Census Tract	55.02
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map

Property Profile for 0 MARTIN ST SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500090931
Property Address	0 MARTIN ST SE
Owner	CITY OF ATLANTA
Mailing Address	68 MITCHELL ST SW SUITE 1350 ATLANTA GA 30303
Total Appraisal	$392,000
Improvement Appraisal	$186,600
Land Appraisal	$205,400
Assessment	$0
Tax District	05T
Land Area	7.33999 ac
Property Class	Exempt - Public Property
Land Use Class	Recreation/Health
TAD	Beltline TAD
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01G
Poll Location	D.H. Stanton Elementary School, 970 Martin Street
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	D.H. Stanton
Middle School	King
High School	Maynard Jackson

Other Information

Zip Code	30315
Census Tract	55.01
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map

Property Profile for 1053 VIOLET ST SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500080619
Property Address	1053 VIOLET ST SE
Owner	BOYNTON VILLAGE ASSOCIATES
Mailing Address	3520 PIEDMONT RD NE SUITE 410 ATLANTA GA 30305
Total Appraisal	$76,200
Improvement Appraisal	$36,200
Land Appraisal	$40,000
Assessment	$30,480
Tax District	05
Land Area	0.369995 ac
Property Class	Commercial Lots
Land Use Class	Apt Garden Class C
TAD	
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01G
Poll Location	D.H. Stanton Elementary School, 970 Martin Street
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	D.H. Stanton
Middle School	King
High School	Maynard Jackson

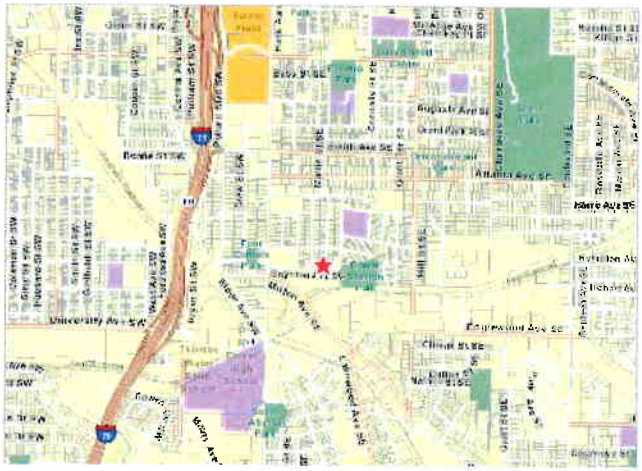
Other Information

Zip Code	30315
Census Tract	55.01
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map



Property Profile for 1042 VIOLET ST SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500080601
Property Address	1042 VIOLET ST SE
Owner	BOYNTON VILLAGE ASSOCIATES
Mailing Address	3520 PIEDMONT RD NE STE 410 ATLANTA GA 30305 1512
Total Appraisal	$114,400
Improvement Appraisal	$54,400
Land Appraisal	$60,000
Assessment	$45,760
Tax District	05
Land Area	0.65 ac
Property Class	Commercial Lots
Land Use Class	Apt Garden Class C
TAD	
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01G
Poll Location	D.H. Stanton Elementary School, 970 Martin Street
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	D.H. Stanton
Middle School	King
High School	Maynard Jackson

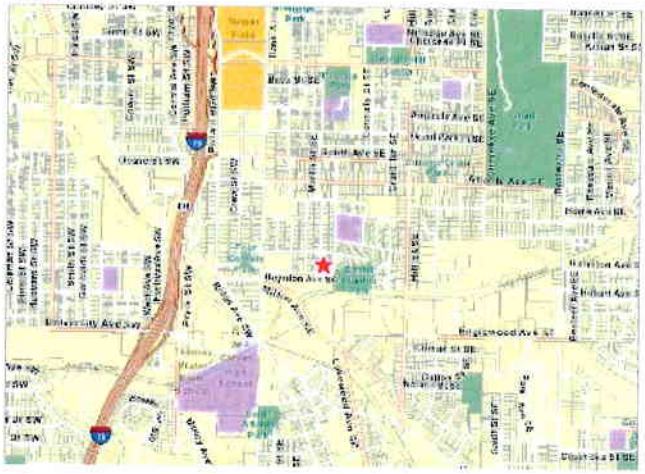
Other Information

Zip Code	30315
Census Tract	55.01
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map



Property Profile for 0 BOYNTON AVE SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500080551
Property Address	0 BOYNTON AVE SE
Owner	BOYNTON VILLAGE ASSOCIATES
Mailing Address	3520 PIEDMONT RD NE STE 410 ATLANTA GA 30305 1512
Total Appraisal	$19,800
Improvement Appraisal	$0
Land Appraisal	$19,800
Assessment	$7,920
Tax District	05
Land Area	0.080004 ac
Property Class	Commercial Lots
Land Use Class	Vacant Commercial Land
TAD	
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01G
Poll Location	D.H. Stanton Elementary School, 970 Martin Street
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	D.H. Stanton
Middle School	King
High School	Maynard Jackson

Other Information

Zip Code	30315
Census Tract	55.01
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map

Property Profile for 1051 FERN AVE SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500070537
Property Address	1051 FERN AVE SE
Owner	BOYNTON VILLAGE ASSOCIATES
Mailing Address	3520 PIEDMONT RD NE STE 410 ATLANTA GA 30305
Total Appraisal	$152,500
Improvement Appraisal	$60,500
Land Appraisal	$92,000
Assessment	$61,000
Tax District	05
Land Area	0.480004 ac
Property Class	Commercial Lots
Land Use Class	Apt Garden Class C
TAD	
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01G
Poll Location	D.H. Stanton Elementary School, 970 Martin Street
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	D.H. Stanton
Middle School	King
High School	Maynard Jackson

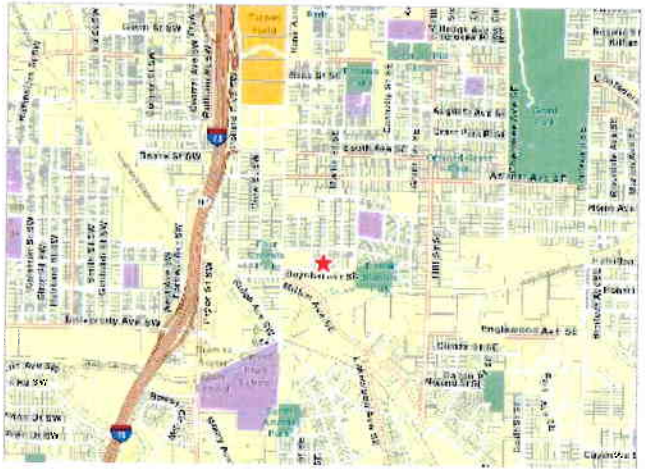
Other Information

Zip Code	30315
Census Tract	55.01
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map



Property Profile for 0 LINAM AVE SE

Property Tax Information

Tax Year	2014
Parcel ID	14 005500070370
Property Address	0 LINAM AVE SE
Owner	HOUSING AUTH CITY OF ATLANTA
Mailing Address	230 JOHN WESLEY DOBBS AVE NE ATLANTA GA 30303 2429
Total Appraisal	$21,100
Improvement Appraisal	$0
Land Appraisal	$21,100
Assessment	$0
Tax District	05
Land Area	0.096418 ac
Property Class	Exempt - Non profit homes for aged
Land Use Class	Vacant Exempt Land
TAD	
CID	

Zoning

Zoning Class	not available
Overlay District	
2030 Future Development	not available

Political

Municipality	Atlanta
Commission District	6
Commission Person	Joan P. Garner
Council District	not available
Council Person	not available
Voting Precinct	01G
Poll Location	D.H. Stanton Elementary School, 970 Martin Street
Congressional District	005
State Senate District	036
State House District	059

School Zones

Elementary School	D.H. Stanton
Middle School	King
High School	Maynard Jackson

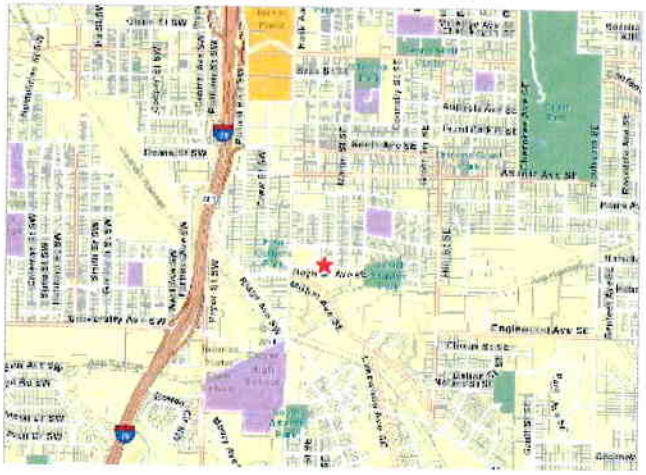
Other Information

Zip Code	30315
Census Tract	55.01
In Less Developed Census Tract	Yes

Aerial View

Property Map

Vicinity Map



VOLUNTARY REMEDIATION PROGRAM – COMPLIANCE STATUS REPORT

U.S. PLATING & BURN SITE
78 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

HSI No. 10264

MAY 15, 2014

Prepared for

78 Milton, LLC and Lebow Land Company, LLC

VOLUNTARY REMEDIATION PROGRAM – COMPLIANCE STATUS REPORT

U.S. PLATING & BURN SITE
78 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

HSI No. 10264

MAY 15, 2014

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TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

STATEMENT OF FINDINGS

This Voluntary Remediation Program Compliance Status Report (V-CSR) is being submitted on behalf of 78 Milton, LLC for the U.S. Plating & Burn site (Site) located at 78 Milton Avenue, S.E. in Atlanta, Georgia, and by Lebow Land Company, LLC with respect to additional adjacent qualifying properties which include 72 Milton Avenue, S.E. and 1101 Martin Street (Tracts 1, 2, 3, and 30' easement here after referred to as 72 Milton Avenue, S.E.); and 80 Milton Avenue, S.E. and 88 Milton Avenue, S.E. (Tracts 5, 6 and 7 here after referred to as 80 Milton Avenue, S.E.).. The Site was listed on the Hazardous Site Inventory based a release of nickel and chromium to the soil.

This V-CSR documents the following findings:

Soils

Soil removal activities were conducted by EPD's contractor in 2005 at the Site. EMA and REM-CON conducted soil removal activities in 2006 and 2013 on the adjacent qualifying properties. Based on the analytical results of the confirmatory base and sidewall soil samples, the remaining soils at the Site and adjacent qualifying properties meet the applicable Type 1 or 2 RRS for the COC.

Groundwater

The source of the groundwater contamination is the US Plating & Burn Site and groundwater remediation is not required since the Site was listed on the HSI due to a soil release and not groundwater.

VOLUNTARY COMPLIANCE STATUS REPORT
US Plating & Burn Site
Hazardous Site Inventory No. 10264

CERTIFICATION OF COMPLIANCE WITH RISK REDUCTION STANDARDS

I certify under penalty of law that this report and all attachments were prepared under my direction in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Based on the findings of this report with respect to the risk reduction standards of the Rules for Hazardous Site Response, Rule 391319.07, I have determined that this Site and adjacent qualifying properties which are comprised of the following tax parcels are in compliance with the Type 1/2 risk reduction standards for soil.

Tax Parcel ID No. 14 005500110051
Tax Parcel ID No. 14 005500110093
Tax Parcel ID No. 14 005500110077
Tax Parcel ID No. 14 005500110085

It should be noted that tax parcels do not accurately reflect the entirety of the Site and adjacent qualifying properties due to the gaps in the tax plats. The legal description should be relied on to accurately describe the Site and adjacent qualifying properties.

Mr. Eric Ranney _____
Printed Name (Owner/Operator)
As member of 78 Milton, LLC and of
Lebow Land Company, LLC

_____
Signature (Owner/Operator)

VOLUNTARY COMPLIANCE STATUS REPORT
US Plating & Burn Site
Hazardous Site Inventory No. 10264

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Mr. Eric Ranney
Printed Name (Owner Operator)
As member of 78 Milton, LLC and of
Lebow Land Company, LLC

Signature (Owner Operator)

VOLUNTARY COMPLIANCE STATUS REPORT
US Plating & Burn Site
Hazardous Site Inventory No. 10264

GROUNDWATER SCIENTIST STATEMENT

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and log term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. "

Mr. John O. Schwaller, P.G. _____
Georgia Registration No. 1617

_____
Signature/Stamp

VOLUNTARY COMPLIANCE STATUS REPORT
US Plating & Burn Site
Hazardous Site Inventory No. 10264

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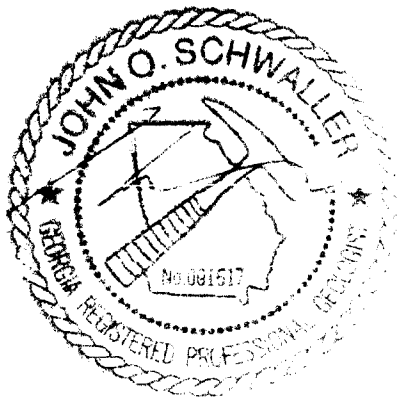
Mr. John O. Schwaller, P.G.
Georgia Registration No. 1617

Signature/Stamp



1.0 INTRODUCTION

This Voluntary Remediation Program – Compliance Status Report (V-CSR) is being submitted on behalf of 78 Milton, LLC for the U.S. Plating & Burn site (Site) located at 78 Milton Avenue, S.E. in Atlanta, Georgia, and by Lebow Land Company, LLC with respect to additional adjacent qualifying properties which include 72 Milton Avenue, S.E. and 1101 Martin Street (Tracts 1, 2, 3, and 30' easement here after referred to as 72 Milton Avenue, S.E.); and 80 Milton Avenue, S.E. and 88 Milton Avenue, S.E.(Tracts 5, 6 and 7 here after referred to as 80 Milton Avenue, S.E.). A topographic map (Site Location Map) of the surrounding area is included as Figure 1. The tax parcel identification numbers for select tracts are illustrated on Figure 2. Note that tax parcels do not accurately reflect the entirety of the Site and adjacent qualifying properties due to the gaps in the tax plats. The legal description provided in the VRP Application and as illustrated on Figure 2 should be relied on to accurately describe the Site and adjacent qualifying properties.

U.S. Plating was an industrial and commercial electroplating operation specializing in straightening, polishing, and chrome-plating motorcycle parts, automobile bumpers, antique car parts, and other industrial and commercial plating. The business operated from 1960 to approximately 1992. A release of select metals to the surrounding soils occurred from this property in 1992. On July 1, 1994, EPD placed the Site on the Hazardous Site Inventory (HSI) based on the release to soil exceeding the reportable quantity. The Site did not score for groundwater and would not score today (see Section 7.0).

78 Milton, LLC acquired the Site in 2005. Lebow Land Company, LLC acquired 72 Milton Avenue (includes 1101 Martin Street) and 80 Milton Avenue (includes 88 Milton Avenue) properties in 2003 and 2005, respectively. Several investigations have been completed on all properties before and following acquisition. Soil removal activities were completed as a result of these investigations.

A Voluntary Remediation Plan (VRP) and Application prepared by EMA was submitted to EPD on February 24, 2014. EPD approved the VRP with conditions and comments in two letters dated April 23, 2014.

The remaining sections of this V-CSR are organized as follows:

1. Section 2 provides a background on each property and the source of the release;
2. Section 3 describes the physical characterization of the properties;

3. Section 4 summarizes the soil investigations and analytical results;
4. Section 5 summarizes the groundwater investigations and analytical results;
5. Section 6 describes the extent of soil and groundwater contamination;
6. Section 7 identifies release receptors and associated pathway evaluations;
7. Section 8 summarizes remedial actions performed to date;
8. Section 9 presents applicable risk reduction standards; and
9. Section 10 presents a summary and conclusions.

2.0 BACKGROUND

2.1 PROPERTY CHARACTERISTICS AND SOURCE OF RELEASE

A summary of the individual property characteristics, release history, and detected COC by property is presented below.

78 Milton Avenue, S.E. (U.S. Plating & Burn Site)

The U.S. Plating & Burn Site is identified as tract 4 on Figure 2 and is 0.475 acres in size. The list of hazardous constituents that were involved in the operations at U.S. Plating, Inc. were barium, chromium, nickel, hydrochloric acid, acid salts, caustic cleaner, sulfuric acid mixed with water, and hydrogen peroxide. A large fire occurred at the Site in July 1992. Approximately 2,000 gallons per minute (gpm) of potable water was used from the night of July 30, 1992 till the morning of July 31, 1992 to fight the fire. During the fire fighting, water run-off drained out the west side of the burning building and flowed southward alongside the building foundation towards the adjacent storm sewer.

The Site was initially investigated by the United States Environmental Protection Agency (EPA), and an initial site visit was conducted by the EPA Technical Assessment Team (TAT) on August 6, 1992. The results of EPA's investigation indicated a release of lead, arsenic, silver, nickel, chromium, barium, and cyanide had occurred at the property. After the initial sampling by EPA, the Site was transferred to state jurisdiction in 1993. EPD prepared a Preliminary Assessment Report for the Site in September 1993. The testing indicated the presence of elevated concentrations of nickel and chromium in soil. On July 1, 1994, EPD placed the Site on the HSI based on the release of nickel and chromium to the soil exceeding the associated reportable quantity. On February 24, 1999, EPD sent a letter to the former Site property owner requesting that a Compliance Status Report (CSR) be prepared for the Site. This was not completed by the former owner.

EPD contracted American Environmental & Construction Services, Inc. (AECS) using funds from the Hazardous Waste Trust Fund, under Project Assignment Form (PAF) 741154-1-04, and conducted an additional investigation and some limited removal activities in February through April 2005. The remaining removal activities were completed by AECS under EPD's supervision and in accordance with the subsequent Phase II Removal Workplan from June 28, 2005 to September 2005 to bring the Site into compliance with the applicable Type Risk Reduction Standards (RRS's). Approximately 2,686 tons of impacted soils with concentrations above the applicable RRS's were excavated and disposed of off-site at the Eagle Point Landfill located in North Forsyth

County, Georgia. Numerous confirmatory soil samples were collected by AECS from the sidewalls and base of the excavation(s) to confirm adequate removal of the constituents of concern (COC). The existing concentrations of the target analytes in soils over the entire Site following the removal activities were illustrated on Figures 4, 5, and 6 and in Table 10 of ACES's Removal Activities Report (RAR) dated February 24, 2006. The results of the confirmatory soil sampling indicated that the soils remaining on the U.S. Plating & Burn Site were below the applicable Type 1 or 2 RRS. A copy of these tables and figures are included in Appendix A.

The current owner of the Site (78 Milton, LLC) purchased the property after submitting a Prospective Purchaser Corrective Action Plan (PPCAP) dated May 31, 2005 and after receiving a limitation of liability under the Georgia Hazardous Site Reuse and Redevelopment Act (AKA: Georgia Brownfield Act).

72 Milton Avenue, S.E.

This property borders the U.S. Plating & Burn Site to the north and is referred to as tracts 1, 2, 3, and 30 ft. easement as illustrated on Figure 2. This 8.5 acre property was used by Kitchens Brothers (feed and seed wholesalers), Hinson Coal Company (coal pile storage), Lawrence Smith Planing Mill, Inc. (lumber treating and drying) from 1911 to 2002. The detected contamination on this property is assumed to be from the U.S. Plating & Burn Site.

Lebow Land Company, LLC acquired this property in 2003. Prior to acquisition, Bunnell-Lammons Engineering, Inc. (BLE) completed a Phase I and II Environmental Site Assessment (ESA) for the Site. The results of this investigation were detailed in BLE's Phase I and II ESA Report dated September 30, 2003. The results of the Phase II ESA indicated some petroleum related soil contamination at select locations, but at levels below applicable Soil Threshold Levels (STLs) as defined in Georgia UST Rules 391-3-15.09(3) Table A, Columns 3 or 4 and the associated Georgia NC's. However, select metals and cyanide were reported at concentrations exceeding the Type 1 RRS in select groundwater samples collected at the property. A second Phase II ESA was completed by EMA in September 2003 to address the Type 1 RRS exceedances reported in groundwater by BLE. The results of this second Phase II ESA indicated that the previous detections reported in groundwater by BLE were the result of elevated levels of turbidity in the associated groundwater samples. The combined results of both Phase II ESA's indicated that no reportable releases above the Georgia NC's had occurred at this property.

United Consulting conducted a geotechnical investigation on the property in October 2003. Two soil samples were collected from one boring (B-2) during this investigation

and submitted for laboratory analysis based on the observation of some staining. EMA prepared the report dated November 2003 for these samples.

During the soil delineation activities conducted for the adjacent U.S. Plating & Burn Site by AECS in 2005 and as reported in the RAR, select soil samples from two out of 14 boreholes were also collected in the 30' easement that separates the Site from the 72 Milton Avenue property. As reported in the RAR, one of the soil samples from borehole USP3H1 was reported with levels of lead and mercury that exceeded the RRS and Georgia NC's. While not noted in the RAR, a soil sample from borehole USP5W3H6 was also above the associated NC and RRS for chromium. Those impacted soils with concentrations above the applicable Georgia NC's were subsequently removed by REM-CON, on behalf of Lebow Land Company, in 2006. A detailed discussion of the additional soil removal and confirmatory sampling activities are discussed later in Section 4.0. Based on the data provided in the RAR, no additional sidewall or base soil confirmatory samples located on the properties to the north of 78 Milton (Tract 4) were above the associated Type 1 or 2 RRS.

Additional soil removal activities for Type 2 RRS exceedances reported during the Phase II was completed by EMA, on behalf of Lebow Land Company, in August 2013. The results of the confirmatory sampling investigations indicated that the property was in compliance with the Type 2 RRS.

Soil and groundwater delineation activities to Type 1 RRS were completed in November 2013 following the initial meeting with EPD concerning placement of the Site and adjacent qualifying properties into the VRP program.

EMA collected a surface soil sample on 1101 Martin Street on May 1, 2014 to determine if impacted soils were present on this property. Lead was detected above the Type 1 RRS (but below the notification concentration and Type 2 RRS) indicating that this tract has also been impacted by the release at the U.S. Plating & Burn Site.

<u>80 Milton Avenue, S.E.</u>

This property borders the U.S. Plating & Burn Site to the south and is referred to as tracts 5, 6, and 7 as illustrated on Figure 2. The 3.1 acre property was used as a metal recycling center between approximately 1950 and 1989. Between 1989 and 1992, the property was used primarily for warehousing. The detected contamination on this property is assumed to be from the U.S. Plating & Burn Site.

Lebow Land Company, LLC acquired this property in 2005. Prior to acquisition, EMA completed a limited Phase II ESA in February and March 2005.

The results of the Phase II ESA indicated that total lead was reported above the applicable notification concentration for this analyte in two out of 12 surficial soil samples (D-2 and D-2 B) collected at the Site. Approximately 0.5 cubic yards of soil were removed from the combined D-2 and D-2 B locations. The results of the subsequent confirmatory soil samples from the sidewalls that required testing were below the notification concentration. Petroleum impacted soils/debris were detected in test pits TP-4 and TP-5 indicating that a petroleum related release had occurred from the former operations at the Site. The contamination was identified as heavily weathered diesel fuel. The contaminant concentrations of the soil samples collected were below the applicable Georgia UST Soil Threshold Levels and were also below the applicable Georgia NC's. The results of the Phase II ESA indicated that no reportable releases above the Georgia's NC's had occurred at this property.

Similar to the 72 Milton Avenue, S.E. property, soil removal activities were completed by REM-CON at the property in 2006 to bring the property into compliance with the applicable Type 2 RRS at select locations based on the subsequent soil sampling activities completed by AECS during the soil delineation activities conducted for the adjacent U.S. Plating & Burn Site. As reported in the RAR, some of the surface soil samples collected within the ditch (former railroad spur identified as tract 7) that separates 78 and 80 Milton Avenue were reported with levels of cadmium, lead, nickel, mercury, and arsenic that exceeded the Georgia NC's and RRS's. In addition, sidewall confirmatory soil samples collected at BLDG1W4 and USP8W4 were also above the Georgia NC's and RRS for select analytes. Those impacted soils with concentrations above the applicable Georgia NC's were subsequently removed by REM-CON, on behalf of Lebow Land Company, in 2006. A detailed discussion of the additional soil removal and confirmatory sampling are discussed later in Section 4.0.

In conjunction with the removal activities on 72 Milton Avenue, additional soil removal activities and subsequent confirmatory sampling investigations were completed by EMA at 80 Milton Avenue in August 2013 to bring the property into compliance with the Type 2 RRS for select metals.

Soil delineation activities to the Type 1 RRS were completed in November 2013 following the initial meeting with EPD concerning placement of the Site into the VRP program.

2.2 NAMES OF REGULATED SUBSTANCES RELEASED

EPD placed the Site on the HSI based on the release of nickel and chromium to the soil exceeding the associated reportable quantity. Subsequent investigations indicated that carbon disulfide, cyanide, arsenic, lead, cadmium, and mercury were also detected in Site soils at concentrations greater than the applicable NCs. In addition, several

polynuclear aromatic hydrocarbons (PAHs), xylenes, ethylbenzene, and toluene were detected within the soils at 80 Milton Avenue but at concentrations below the applicable NCs.

Only nickel had been detected in groundwater at concentrations that exceed the Georgia Type 1 RRS. Select groundwater samples were also reported with levels of barium and chromium but at concentrations below the Type 1 RRS.

2.3 RESPONSIBLE PARTY(S)

78 Milton, LLC is the current owner of the Site. Lebow Land Company, LLC is the owner of the adjacent qualifying properties.

3.0 SITE PHYSICAL CHARACTERIZATION

3.1 GENERAL

The combined size of the properties is 12.4 acres. The properties are located in Land Lot 55, District 14 of Fulton County, Georgia. The properties are bordered by Boynton Avenue to the north, Milton Avenue to the southwest, the CSXT Railroad to the southeast, the Daniel Stanton Park to the east, and an undeveloped wooded lot to the west and is accessed directly from Milton Avenue. The topography of the properties slopes down from the south towards the north on 80 and 78 Milton Avenue and then to the northeast on 72 Milton Avenue.

The Groundwater Pollution Susceptibility Map of Georgia (Trent, 1992) indicates that the Site is in an area of low groundwater pollution susceptibility.

3.2 REGIONAL GEOLOGIC SUMMARY

The Site is located in the Piedmont Physiographic Province. The topography of the area consists of low, well-rounded hills and long, rolling, northeast trending ridges with an average elevation of 950 feet above mean sea level.

The land surface in the Piedmont is underlain by a clay-rich, residual material called saprolite, derived from the in-place chemical weathering of the bedrock. This soil material averages about 30 to 60 feet in thickness. In many valleys, the saprolite has been removed through erosion, and the bedrock is exposed or only thinly covered by fluvial deposits. Soil is present nearly everywhere as a layer of variable thickness on top of the residual soil. The underlying bedrock is composed mainly of metasedimentary and metavolcanic rocks, regionally metamorphosed and deformed into northeast-trending folds.

The bedrock underlying the facility is composed of the Big Cotton Indian Formation of the Atlanta Group. The Big Cotton Indian Formation consists of late Pre-Cambrian to early Paleozoic metamorphosed intrusive rocks. The formation includes intercalated biotite-plagioclase gneiss, hornblende-plagioclase amphibolite, and biotite-muscovite schist.

3.3 SITE GEOLOGY

The following section of this report describes the Site geology as the result of the Site investigation conducted by EMA and review of previous reports prepared by other consultants.

3.3.1 Lithology

Seven soil borings advanced to depths ranging from 15 to 71 feet below ground surface (bgs) converted to groundwater monitoring wells constructed to the same depths were located on the Site. All groundwater monitoring wells were advanced through the underlying native soil. The native soil is characterized as silty sand with some clay (SM). The geologic units encountered during the investigations included:

- native silt with sand, sandy clay;
- saprolite;
- partially weathered bedrock; and
- bedrock.

The characteristics of the stratigraphic units encountered beneath the Site are illustrated on geologic cross section location map presented as Figure 3 and perpendicular geologic cross sections presented as Figures 4 and 5.

Overburden Monitoring Wells

At groundwater monitoring well location MW-1, a boring was advanced to 20 feet at which point refusal was encountered. The location was moved approximately 20 feet to the west and the boring advanced to 32 feet at which refusal, most likely bedrock, was encountered. The predominant soil type at this location was silt (ML). Several hard layers were encountered at approximately 21 and 25 feet bgs until the boring was terminated at 32 feet bgs. At monitoring well locations MW-2, MW-3, and MW-4 the soils encountered were similar to those observed at MW-1 consisting predominantly of silt (ML). The borings were advanced to 35 feet bgs at which point the borings were converted to groundwater monitoring wells. At monitoring wells MW-5 and MW-6, the shallow soils were observed to have a higher clay content (CL) until approximately 10 feet bgs and then transitioned to silt (ML). Monitoring wells MW-5 and MW-6 were advanced to 15 feet bgs.

Groundwater was initially encountered at approximately 20 to 25 feet bgs at 78 Milton and 8 feet bgs at 72 Milton Ave.

Bedrock Monitoring Well

For monitoring well MW-3D a layer of fill material consisting of sand, gravel, and debris was observed from surface to approximately 10 feet bgs, followed by silty clay (ML/CL) and then a hard partially weathered rock layer from 25 to 28 feet bgs. Beneath this rock layer lie silt (ML) followed by sand (SM) and saprolite until competent bedrock was encountered at a depth of 56 feet bgs. The boring was further advanced into competent bedrock to a depth of 71 feet bgs at which it was terminated and converted to a monitoring well. Slight water producing fractures were encountered at depths of 66 and 68 feet bgs, respectively. This rock can be described as part of the Atlanta Group and consisted of a granitic gneiss and some biotite-plagioclase gneiss.

Geologic cross sections depicting the lithology beneath the Site are illustrated on Figures 4 and 5. A geologic cross section location map is presented as Figure 3.

3.4 REGIONAL HYDROGEOLOGY

Groundwater in the crystalline rock aquifer system occupies joints, fractures, and other secondary openings in bedrock and pore spaces in the overlying residual soil material. Water recharges the underground openings by seeping through this material or by flowing directly into openings in exposed rock. This recharge is from precipitation that falls in the area. The water table in the Piedmont approximately conforms with the surface topography.

These fractured rocks, combined with the overlying soil material, make up the crystalline rock aquifer system, which is confined. The fractured crystalline rocks and overlying saprolite and alluvium are hydraulically interconnected. Saturation in the crystalline rock aquifer rarely exceeds 300 feet below land surface (bls). The approximate range of hydraulic conductivity for clayey soils and fractured rocks of the Piedmont physiographic province is from 10-E3 to 10-E5 cm/sec.

The quality of groundwater available varies greatly with the location, rock type, topographic setting, and geologic structure. Localized increases in permeability may enhance well yields. This occurs mainly in association with certain structural and stratigraphic features, including contact zones between rock units of contrasting character, contact zones within multilayered units, fault zones, stress relief fractures, zones of fracture concentration, and shear zones.

3.5 SITE HYDROGEOLOGY

Groundwater was initially encountered at approximately 20 to 25 feet bgs at 78 Milton Ave and 8 feet bgs at 72 Milton Ave. Groundwater levels were measured on November 29, 2013 with a pre-cleaned "Solinst" electronic water level detector and were reported to the nearest 0.01-foot based on a fixed point on the top of the well casing. A summary of the groundwater level measurements is provided in Table 1. Groundwater flow direction appears to be in a horse-shoe shape and was determined to be towards the north on 88, 80 and 78 Milton Avenue and then moves to the northeast on 72 Milton Avenue as presented on Figure 6 using data collected on November 29, 2013.

The hydraulic gradient across the site was calculated to range between approximately 0.03 and 0.05 foot/foot using the data presented on Figure 6.

Groundwater hydraulic conductivity and velocity can be highly variable due to limited recharge as a result of urbanization and the non-homogeneity of the overlying fill material and variable porosity present.

4.0 SOIL INVESTIGATIONS

A summary of the soil investigations by property is presented below.

78 Milton Avenue, S.E. (U.S. Plating & Burn Site)

As discussed later in Section 8.0, all soils with Type 1 or 2 RRS exceedances for the COC were removed in 2005 under EPD's supervision. The excavation locations are illustrated on Figure 7. EMA prepared and submitted a CSR dated June 12, 2006 that certified that all remaining soils on the 78 Milton Avenue property were below the applicable Type 1 or 2 RRS based on the confirmatory sampling completed under EPD's supervision. The existing concentrations of the target analytes in soils over the entire Site following the removal activities were illustrated on Figures 4, 5, and 6 and in Table 10 in Appendix F of the CSR. A copy of these tables and figures are included in Appendix A.

72 Milton Avenue, S.E.

The Phase II ESA was completed by BLE in August 2003. Soil samples were collected from five Geoprobe soil borings (GP-1 thru GP-5) and one hand-auger boring. The depths of the Geoprobe borings ranged from 15 ft. to 25 ft bgs. The hand auger boring was completed to 2 ft bgs. Soil samples were screened with a Photoionization Detector (PID) and were selectively submitted to TestAmerica Analytical testing Corporation for target compound list (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), select metals (arsenic, cadmium, chromium, hexavalent chromium, lead, mercury, nickel, selenium, and silver), cyanide, and total petroleum hydrocarbons (TPH-DRO). The locations of the borings are illustrated on Figures 2 and 7. A summary of the detected analytes for the Phase II ESA completed by BLE is included in Table 2. No soil samples were reported with concentrations of the target analytes above the NC or Type 1 RRS. A copy of the BLE Phase II ESA is included in Appendix B.

A soil sample was also collected by United Consulting from borehole B-2 based on some staining during the geotechnical investigation in October 2003. Two subsurface soil samples were collected from boring B-2 and were submitted to Analytical Environmental Services (AES) for the RCRA 8 metals. The location of the boring is illustrated on Figures 2 and 7. A summary of the detected analytes for this investigation is included in Table 3. A copy of the EMA report dated November 3, 2003 that discusses the results of this limited sampling is included in Appendix B.

The subsequent soil sampling completed by ACES during the soil removal activities on U.S. Plating & Burn Site indicated that soils on the 72 Milton Avenue property exceeded the NC's at borehole locations USP3H1 for lead and mercury and USP5W3H6 for

chromium both at a depth of 12-inches bgs. A summary of this data was included on Figure 5 in the RAR and is included in Appendix A.

Lebow Land Company contracted REM-CON in 2006 to remove the impacted soils with levels of COC above the NC's reported by ACES at borehole locations USP3H1 and USP5W3H6. The excavations at USP3H1 and USP5W3H6 were 16-inches deep and were approximately 13 feet long by 2 to 3 feet wide. The excavation locations are illustrated on Figure 7. A summary of the subsequent soil data for the base and sidewall confirmatory soil samples is included in Table 4 and on Figure 7. The sampling locations in red in Table 4 represent the final confirmatory sample for that base or sidewall location. The COC with concentrations of target analytes above the Type 1 RRS but below the Type 2 RRS are highlighted with a red circle on Figure 7. Approximately 5 tons of impacted soils were removed and disposed of at Waste Managements' Subtitle D Landfill located in Ballground, Georgia. A detailed summary of the soil removal and confirmatory sampling activities and results is included in the REM-CON reports attached in Appendix C.

Lebow Land Company contracted EMA in August 2013 to remove additional soils at location B-2 that had concentrations of cadmium above the Type 1 or 2 RRS. The excavation was approximately 4 feet wide by 4 feet long and was 5.5 feet deep. A summary of the soil data for the confirmatory soil samples is included in Table 6 and on Figure 7. The COC with concentrations of target analytes above the Type 1 RRS but below the Type 2 RRS are highlighted with a red circle on Figure 7. The analytical laboratory reports were previously provided to EPD in the VRP and have been reproduced in Appendix D. Approximately 3 tons of soils were removed and disposed of at Waste Management's Landfill located in Ballground, Georgia. A copy of the manifests is included in Appendix E.

EMA collected a soil sample from 1101 Martin Street on May 1, 2014 to determine if this property had been impacted by the release. One surficial soil sample (Martin-01) was collected using a hand-auger into a laboratory supplied container and hand delivered under standard COC protocols to AES for the analysis of lead, nickel, and chromium. Lead was detected at a concentration above the Type 1 RRS but below the Type 2 RRS. A summary of the data is included in Table 7. A copy of the analytical report is included in Appendix D.

A summary of the sampling protocols followed by REM-CON and EMA is included in Appendix F.

80 Milton Avenue, S.E.

The EMA Phase II ESA completed in 2006 included the installation of five boreholes (BH-1 thru BH-4, and BH-4B) at select areas at this property; surficial sampling at five locations within the ditches along both sides of the property (D-1 thru D-5); and the installation of five test pits at select areas at the property (TP-1 thru TP-5). The borings were advanced from depths ranging between 1 to 35 ft bgs. The test pit depths ranged from 3 to 15 ft bgs. Soil samples were screened with a PID and were selectively submitted to AES for benzene, toluene, ethylbenzene, and xylenes (BTEX); total RCRA metals; TPH-DRO; and polynuclear aromatic hydrocarbons (PAH). A summary of the detected analytes for the EMA Phase II ESA is included in Table 5. Only lead was reported above the applicable NC at location D-2 and was subsequently removed to levels below this standard in 2006 prior to purchase. The results of the confirmatory sidewall and base samples are also included in Table 5. A copy of this EMA Phase II ESA is included in Appendix F.

The soil sampling completed by ACES during the soil removal activities on 78 Milton Avenue indicated that soils on the 80 Milton Avenue property exceeded the NC at sidewall sample location BLDG1W4 for nickel (12-inches bgs); sidewall sample USP8W4 for arsenic, cadmium, nickel, and lead (36-inches bgs); surface sample SD-01 for lead, arsenic, and nickel (6-inches bgs); surface sample SD-03 for mercury (6-inches bgs); and surface sample SD-05 for nickel (6-inches bgs). The Figures 3 and 4 which summarize this data that was submitted to EPD in the RAR is has been reproduced in Appendix A.

Lebow Land Company contracted REM-CON in 2006 to remove the impacted soils with levels of COC above the NC's reported by ACES at locations BLDGW4, USP8W4, SD-01, SD-03, and SD-05. The total excavation area was approximately 15 feet wide by 200 feet long. The depths of the excavation varied from 12-inches to 6-feet bgs. The excavation locations are illustrated on Figure 7. A summary of the soil data for the base and sidewall confirmatory soil samples is included in Table 4 and on Figure 7. The sampling locations in red in Table 4 represent the final confirmatory sample for that base or sidewall location. The COC with concentrations of target analytes above the Type 1 RRS but below the Type 2RRS are highlighted with a red circle on Figure 7. Approximately 215 tons of impacted soils were removed and disposed of at Waste Managements' Subtitle D Landfill located in Ballground, Georgia. A detailed summary of the soil removal and confirmatory sampling activities and analytical results is included in the REM-CON report attached in Appendix C.

Lebow Land Company contracted EMA in 2013 to remove additional soils at locations D-1, D-2, D-3, D-4 and D-5 that had concentrations of select COC above the Type 1 or 2 RRS. A summary of the soil data for the base and sidewall confirmatory soil samples is included in Table 6 and on Figure 7. The COC with concentrations of target analytes

above the Type 1 RRS but below the Type 2 RRS are highlighted with a red circle on Figure 7. The analytical laboratory reports were previously provided to EPD in the VRP and have been reproduced in Appendix D. Approximately 50 tons of impacted soils were removed and disposed of at Waste Managements' Subtitle D Landfill located in Ballground, Georgia in September 2013. A copy of these manifests is included in Appendix E. A summary of the sampling protocols followed by REM-CON and EMA is included in Appendix F.

5.0 GROUNDWATER INVESTIGATIONS

Groundwater samples were collected from Geoprobe borings on 72 Milton Avenue property during the BLE Phase II ESA in August 2003. The samples were collected from five borings (GPW-1, -6, -8, -10, and -11) and submitted to the project laboratory for the analysis of TCL VOCs, TCL SVOCs, select list total and dissolved metals, and cyanide. The locations of these borings are illustrated on Figure 2. Only select metals and cyanide were reported above the Type 1 RRS in the groundwater samples. As reported in the BLE Phase II ESA, most of these detections were assumed to be from the high turbidity levels in the samples based on the collection method (Geoprobe). A second Phase II ESA was completed by EMA in September 2003 to address the groundwater Type 1 RRS exceedances reported by BLE. Temporary wells were installed at TW-1, TW-6, TW-10, and TW-11 as illustrated on Figure 2 and sampled for the parameters with Type 1 RRS exceedances. The results of this second Phase II ESA confirmed that the exceedances reported by BLE were the result of elevated levels of turbidity in the associated groundwater samples. A summary of the groundwater data is included in Table 8. A copy of the BLE Phase II ESA along with the analytical laboratory report is included in Appendix B. A Copy of EMA's Phase II Addendum is included in Appendix H.

No groundwater sampling activities were conducted at 80 Milton Avenue during the associated EMA Phase II ESA conducted in February and March 2005 since the property is hydraulically upgradient from 78 Milton Avenue.

As detailed in the PPCAP and CSR, EMA conducted an investigation on 78 Milton Avenue on May 18 and 19, 2005, to determine if historic activities and events had impacted groundwater at this Site. One monitoring well (MW-1) was installed topographically upgradient of the plating operations as a background groundwater monitoring well and monitoring wells MW-2 and MW-3 were installed at the release source. The locations of the groundwater monitoring wells are illustrated on Figure 2. The installation methods and stratigraphic and instrumentation logs were previously provided to EPD in the PPCAP and CSR.

The three monitoring wells were sampled and submitted to AES for the analysis of TCL VOCs, total and dissolved select list metals (arsenic, barium, cadmium, chromium, lead, nickel, mercury, selenium, and silver), and total cyanide. Turbidity was also measured at the time of sample collection. The groundwater samples collected for the dissolved metals analysis were collected in non-preserved containers and laboratory filtered using a 0.45-micron filter.

Total barium was reported in all three groundwater samples ranging in concentrations from 138 micrograms per liter (µg/L) in MW-1 to 30.5 µg/L in MW-2. Total and dissolved chromium was reported in the groundwater collected from well MW-2 at 15.1 µg/L and 11.4 µg/L, respectively. Total and dissolved nickel was reported in the groundwater sample collected from well MW-2 at 2,270 µg/L and 2,400 µg/L and MW-3 at 14,000 µg/L and 14,700 µg/L, respectively. As reported in the CSR and PPCAP, the samples were free from detectable concentrations of the remaining parameters.

It should be noted that the dissolved concentrations for nickel for both MW-2 and MW-3 were greater than the associated total concentrations and therefore, the dissolved results were qualified as estimated (J).

Based on the reported chromium and nickel analytes within the groundwater from monitoring well MW-2 and the nickel in the groundwater from well MW-3 and the associated elevated turbidity values during that event, EMA collected confirmatory samples from these wells on May 23, 2005. Total nickel was reported in the groundwater samples collected from wells MW-2 and MW-3 at 2,490 µg/L and 22,400 µg/L, respectively. Total chromium was reported in the groundwater sample collected from well MW-2 at 14 µg/L. Only nickel was reported above the Type 1 or 2 RRS. A summary of the groundwater data is included in Table 9. The iso-concentration contours for the samples collected in 2005 for total nickel using the highest concentrations detected are illustrated on Figure 9. The analytical laboratory reports were previously provided to EPD in the PPCAP and/or the CSR and are incorporated by reference.

Monitoring wells MW-2 and MW-3 were re-sampled on August 19, 2013 to characterize what impact the soil removal effort in 2005 had on the nickel groundwater contamination in the source area. The samples were collected using low-flow/low-stress purging and sampling technique referenced in USEPA Region IV's SESD Operating Procedures - Groundwater Sampling dated March 4, 2013. A stainless-steel bladder pump with disposable Teflon or Teflon lined tubing was used for the purging and sampling. The August 2013 groundwater data indicated that the nickel groundwater contamination has reduced by approximately 66 percent from the highest level detected at the source in 2005. The results of this sampling are summarized in Table 9 and on Figure 10. The analytical laboratory reports were previously provided to EPD in the VRP have been reproduced in Appendix D. A summary of the sampling protocols followed by EMA is included in Appendix F.

In an effort to delineate the vertical and horizontal extent of the groundwater contamination, GeoLab, Inc., under the direction of EMA, installed shallow monitoring wells MW-4, MW-5, and MW-6 on November 22, 2013. Monitoring wells MW-5 and

MW-6 were installed on the 72 Milton Avenue property to delineate the horizontal downgradient extent of the groundwater contamination and monitoring well MW-4 was installed upgradient from wells MW-2 and MW-3 on 78 Milton Avenue property to define the source area. The associated borings were advanced using a standard drilling rig equipped with 4.25 inch inside diameter (ID) hollow stem augers (HSA). Two attempts were made to install the proposed monitoring well MW-7 on the 72 Milton Avenue property. Refusal was encountered in both borings at 19 ft bgs.

A bedrock well was installed adjacent to monitoring well MW-3 (confirmed source area) to vertically delineate the extent of the groundwater contamination. The locations of these wells are illustrated on Figure 2 and were approved by EPD prior to installation. This well was installed by GeoLab, Inc. using hollow stem augers and air hammer techniques. The boring was advanced to competent bedrock using 6.25-inch ID HSA. Upon reaching competent bedrock at 56 feet bgs, a 6-inch diameter socket was advanced to a depth of 59 feet bgs at which the 4-inch diameter Schedule 40 PVC surface casing was installed and grouted in place using pressure grouting techniques. The grout was allowed to cure for 48 hours at which time the boring was further advanced into the bedrock using a nominal 4-inch diameter air hammer until groundwater was observed (minor water bearing zones at 66 and 68 feet bgs, respectively). The boring was terminated at a depth of 71 feet bgs. The monitoring well was completed using a pre-packed 10-foot length of stainless steel 0.01-inch slot screen and silica sand filter thread coupled to Schedule 40 2-inch diameter PVC casing. A bentonite seal was installed and the remaining annulus pressure grouted to the surface. The monitoring well was further completed with an above ground locking protective casing and sloped concrete pad. The stratigraphic and instrumentation logs for the new wells are included in Appendix I.

The newly installed wells were developed to silt free conditions on November 27, 2013. The wells were subsequently purged and sampled on November 29, 2013 using the low-flow/low-stress purging and sampling technique. Groundwater samples were collected in laboratory supplied pre-preserved containers and were submitted to AES for total nickel analysis. The analytical results are summarized in Table 9. The iso-concentration contours for the samples collected in 2013 for total nickel are illustrated on Figure 10. The analytical laboratory reports were previously provided to EPD in the VRP and have been reproduced in Appendix D. A summary of the sampling protocols followed by EMA is included in Appendix F.

The delineation standard for nickel in groundwater is the Type 1 RRS (100 µg/L).

6.0 EXTENT OF CONTAMINATION

6.1 SOILS

As discussed with EPD on September 12, 2013, some of the soils remaining on the combined properties following the removal activities still exceed the Type 1 RRS but are below the Type 2 RRS. The delineation standards for soil are the Type 1 RRS defined in Table 10.

Based on the Type 1 RRS exceedances remaining on the properties for nickel, lead and chromium, it was agreed upon with EPD to select four delineation surficial sampling locations north, south, east and west from the combined properties to try and delineate to the associated Type 1 RRS for these analytes. The locations proposed (Del-01, 02, 03, and 04) were submitted to EPD and approved by email correspondence and are illustrated on Figure 8. Grab samples were collected on November 21, 2013 from the top 6 inches of soil and were submitted to AES for analysis of the select analytes. Only lead was reported above the applicable Type 1 RRS at locations Del-02 and Del-03 as indicated in Table 7.

Grab soil samples (Del-02B and 03B) were subsequently collected at the same depth on December 5, 2013 approximately 5 feet further west and south, from former locations Del-02 and 03, respectively, and submitted to AES for total lead analysis. These sample locations are also illustrated on Figure 8. The lead results were below the Type 1 RRS as indicated in Table 7. The analytical laboratory reports were previously provided to EPD in the VRP and have been reproduced in Appendix D.

6.2 GROUNDWATER

The horizontal delineation in groundwater was accomplished by installing and sampling six shallow monitoring wells at the Site and adjacent qualifying properties. The vertical extent of the groundwater contamination was accomplished by installing one bedrock well slightly downgradient from the source area.

The horizontal extent of the groundwater contamination was defined by the groundwater sample collected from monitoring well MW-5 located on the 72 Milton Avenue property. Based on the fact that this sample was free from detectable levels of total nickel, the horizontal extent is less than 190 feet downgradient of well MW-3 (source area). The vertical extent of the nickel contamination is the upper 55 feet of the shallow aquifer based on the sample collected from the bedrock well MW-3D.

7.0 RELEASE RECEPTORS

A Conceptual Site Model (CSM) was developed based on the available Property information and was included in the VRP Report. A discussion of the CSM components is presented below.

7.1 SOURCE

The source area was the release of select metals at the U.S. Plating & Burn Site. Since the remaining soils are below the Type 1 or 2 RRS based on the soil removal activities, the only remaining source is the groundwater nickel contamination beneath the 78 Milton Avenue property. While chromium and barium have been reported in the groundwater samples, only nickel has been detected above the Type 1 RRS.

7.2 POTENTIAL EXPOSURE PATHWAYS

The potential exposure pathways were determined for the Property. These pathways include:

- Contact with constituents in the soil via ingestion or inhalation.
- Contact with constituents in groundwater via ingestion or dermal contact.
- Constituents in the groundwater migrating to surface water and/or sediment.

The soil contamination is below the Type 1 or 2 RRS and therefore does not pose a risk to current or future receptors or the groundwater directly beneath the Site. The groundwater exposure pathway is incomplete since the contamination is limited to the Site. The adjacent properties obtain potable water from Fulton County. The closest downgradient surface water body is Intrenchment Creek which is located approximately 3,500 feet to the east as illustrated on Figure 11. Migration to this creek is not possible based on the typical mobility of metals in groundwater and the distance to the receptor.

7.2.1 Potential Receptors

The potential receptors are limited to human receptors. Ecological receptors do not appear possible based on the fact that the remaining soil contamination which is below the Type 1 or 2 RRS and the distance to the closest downgradient surface water body from the Property. The human receptors include future residents and construction workers at the Property and off-site residents. The Site and surrounding properties are served by a public water supply system. A USGS well survey was initially completed in October 2010. No private or public wells were identified in the USGS database. In addition, EPD provided a well survey map on July 16, 2013. As reported by EPD, there are no private or public drinking water wells within a 3-mile radius from the Site.

Therefore the drinking water pathway for off-site residents is incomplete. The results of the USGS survey and the drinking water well map provided by EPD were included in the VRP and are incorporated by reference.

7.2.2 Point of Exposure

The point of exposure (POE) for soils has been defined as the Site based on the RRS calculations completed by EPD for the RAR and for groundwater based on our RRS calculation for nickel. The VRP Act will allow us to move the POE to an arbitrary location 1,000 feet downgradient of the existing groundwater plume to calculate alternate concentration limits (ACLs) for soil and groundwater that would also be protective of human receptors; however, this is not necessary at this time.

8.0 SUMMARY OF REMEDIAL ACTIONS PERFORMED

8.1 SOILS

As discussed in Section 2.1, soil removal activities have been performed by EPD and the current owner on these properties. The amount of impacted soils removed is listed below:

72 Milton Avenue – ~5 tons in 2006 and ~3 tons in 2013;

78 Milton Avenue– 2,686 tons in 2005; and

80 Milton Avenue - <1 ton in 2003; ~215 tons in 2006; and ~50 tons in 2013

The analytical results of the confirmatory soil sampling indicated that all previously detected soils on the adjacent qualifying properties that exceeded the applicable Type 1 or 2 RRS were removed.

9.0 RISK REDUCTION STANDARDS

9.1 GENERAL

GEPD Rule 391-3-19-.07 allows for the determination of risk reduction standards that are protective of human health. Risk reduction standards are based on risk assessment procedures for standard or site-specific exposure assumptions. If the determined risk reduction standard is lower than the background and/or detection limit for the compound, the greater value of the background or detection limit can be used. The HSRA regulations include five types of risk reduction standards that can be used to determine the need for corrective action measures. The standards are described below:

1. Type 1 – risk reduction standards are based on standardized exposure assumptions to ensure that the regulated substance poses no significant risk to residential properties;

2. Type 2 – risk reduction standards are based on a site-specific risk assessment to ensure that the regulated substance poses no significant risk to residential properties;

3. Type 3 – risk reduction standards are based on standardized exposure assumptions to ensure that the regulated substance poses no significant risk to non-residential properties;

4. Type 4 – risk reduction standards are based on a site-specific risk assessment to ensure that the regulated substance poses no significant risk to non-residential properties; and

5. Type 5 – risk reduction standards involve the use of controls such as caps, slurry walls, fences, etc. to minimize risk when it is not appropriate and/or practical to apply Type 1-4 standards.

9.2 GENERATION OF TYPE 1 RRS

The Type 1 RRS specifically apply to residential properties. The Type 1 RRS criteria for soils as listed in Rule 391-3-19-06 were developed for the Site as follows:

Concentrations at any point above the uppermost groundwater zone in soil that has been affected by a release shall not exceed the concentrations given in Table 2 of Appendix III of Rule 391-3-19 or, for those substances not listed, the least of the concentrations from items 1 through 3 below.

1) *Concentrations at any point above the uppermost groundwater zone in soil that has been affected by a release shall not exceed the higher of:*

   i) *soil concentrations in Appendix I, excluding any values given in square brackets;*

   ii) *multiplication of the Type 1 groundwater concentration criteria by a factor of 100;*

   iii) *demonstration through use of the Toxicity Characteristic Leaching Procedure, SW-846 Method 1311, or other method approved by the EPD Director that a concentration in soil will not generate leachate concentrations that exceed Type 1 groundwater concentration criteria;*

2) *concentrations which are unlikely to result in any noncancer toxic effects on human health via soil ingestion along with inhalation of particulates and volatiles, determined using Equation 7 of RAGS, Part B, and standard residential exposure assumptions in Table 3 of Appendix III;*

3) *concentrations for which the upper bound on the estimated excess cancer risk is less than or equal to 10^{-5} (10^{-4} for Class C carcinogens) via soil ingestion and inhalation of particulates and volatiles, determined using Equation 6, RAGS, Part B, and standard residential exposure assumptions in Table 3 of Appendix III.*

EMA determined the Type 1 RRS in soil for the COCs. A summary of the Type 1 RRS is as follows:

Parameter	***Concentration (mg/kg)***
Lead	75
Chromium	100
Cadmium	2
Nickel	50
Arsenic	20
Mercury	0.5
Barium	1,000

The Type 1 RRS for groundwater were developed by EMA as follows:

At any point within any groundwater that has been affected by a release, concentrations of regulated substances in groundwater samples must not exceed concentrations in Table 1 of Appendix III or, for those substances not listed, the background or detection limit concentrations.

A summary of the Type 1 RRS for the detected constituents in groundwater for delineation purposes is as follows:

Parameter	***Concentration (µg/L)***
Total Chromium	100
Total Barium	2,000
Total Nickel	100

9.3 GENERATION OF TYPE 2 RRS

The Type 2 RRS is based on a site-specific risk assessment to ensure that the regulated substance poses no significant risk to a residential property. *In accordance with the EPD Rule 391-3-19-.07, the Type 2 RRS for soil shall not exceed the least of the concentrations in items 1 through 4 below:*

1) *Concentrations which will not cause contamination of groundwater at levels which exceed the Type 2 groundwater criteria, as determined by any laboratory test and/or fate and transport model recognized by USEPA and approved by the Director, at a point of exposure defined as any point at which a drinking water well could be installed;*

2) *Concentrations which are unlikely to result in any noncancer toxic effects on human health via soil ingestion along with inhalation of particulates and volatiles, determined using Equation 7 of RAGS, Part B, and site-specific exposure factors for the residential use scenario;*

3) *Concentrations for which the upper bound on the estimated excess cancer risk is less than or equal to 10^{-5} (10^{-4} for Class C carcinogens) via soil ingestion and inhalation of particulates and volatiles, determined using Equation 6, RAGS, Part B, and site-specific exposure factors for the residential use scenario; and*

4) *For lead, soil concentrations at the site must not exceed those concentrations that would cause a resident 6 year old child (averaged across preceding 84 months) to have a probability of no greater than 5% of a blood lead level (PbB) greater than 10 mg/dL as determined by the Integrated Exposure Uptake Biokinetic Model for Lead in Children (IEUBK) using site-specific exposure assumptions, including the ingestion of site groundwater as drinking water and the probability of subsurface soils being brought to the land surface.*

As part of the soil removal process for the 78 Milton Avenue Site, EPD calculated the Type 2 RRS in soil for the select metal analytes as presented in Table 15 of the RAR. A copy of this documentation is included in Appendix J. A summary of the Type 2 RRS for select analytes is as follows:

Parameter	***Concentration (mg/kg)***
Lead	270.06
Chromium	2,400
Cadmium	3.01[1]
Nickel	927.4

It should be noted that these Type 2 RRS were calculated by EPD assuming a groundwater POE directly under the Site.

The Type 2 RRS for nickel in groundwater was developed by EMA as follows:

At any point within any groundwater that has been affected by a release, concentrations of regulated substances in groundwater samples must not exceed the lesser of the values from items 1 and 2 below or, for those substances for which neither calculation can be made, the higher of concentrations in Table 1 of Appendix III, background concentrations, or detection limit concentrations.

1) *concentrations which are unlikely to result in any noncancer toxic effects on human health via ingestion of, or inhalation of volatiles from, groundwater, determined using equation 2 from RAGS, Part B, and site-specific exposure factors for the residential use scenario.*

2) *concentrations for which the upper bound on the estimated excess cancer risk is less than or equal to 10^{-5} via ingestion of, and inhalation of volatiles from, groundwater, determined using Equation 1 from RAGS, Part B, and* site-specific exposure factors for the residential use scenario.

The Type 2 RRS calculated by EMA for nickel in groundwater is 25 µg/L; however, the Type 1 RRS is higher and therefore the final Type 2 RRS would be the same as the Type 1 RRS (100µg/L). The associated calculations are presented in Appendix J. It should be noted that a higher ACL could be calculated under the VRP Act based on an assumed POE 1,000 feet downgradient of the existing plume.

[1] It should be noted that EMA re-calculated the SSL for migration to groundwater for cadmium and the concentration is 7.52 mg/kg using the default Kd with a pH of 6.8. This calculation is included in Appendix J.

10.0 SUMMARY AND CONCLUSIONS

This VCSR documents the following findings:

Soils

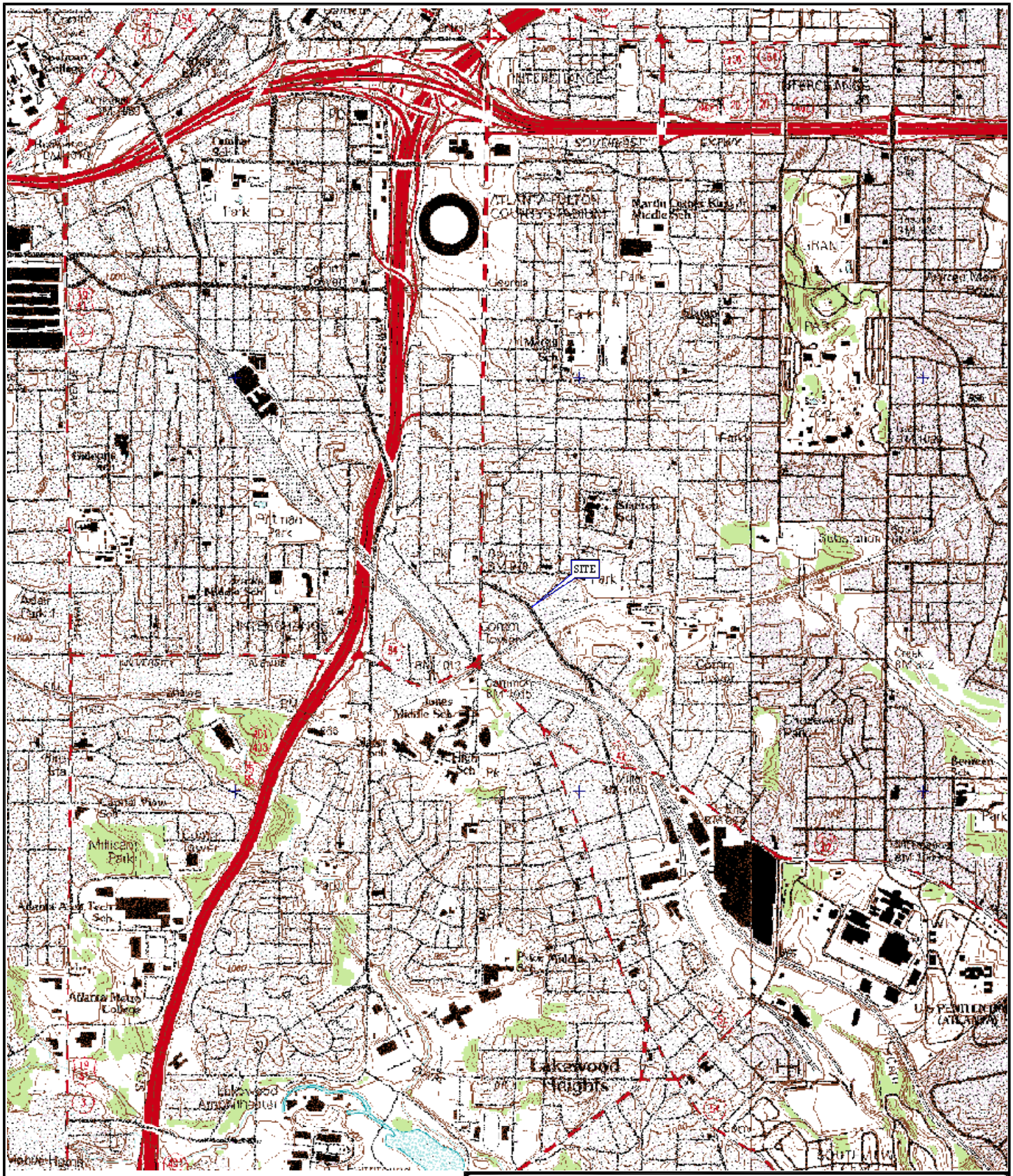
Soil removal activities were conducted by EPD's contractor in 2005 at the Site. EMA and REM-CON conducted soil removal activities in 2006 and 2013 on the adjacent properties. Based on the analytical results of the confirmatory base and sidewall soil samples, the remaining soils at the Site and adjacent qualifying properties meet the applicable Type 1 or 2 RRS for the COC.

Groundwater

The source of the groundwater contamination is the US Plating & Burn Site and groundwater remediation is not required since the Site was listed on the HSI due to a soil release and not groundwater.

As required by the VRP, a summary of the Professional Geologist oversight hours is included in Appendix K.

FIGURES



Title

SITE LOCATION MAP

Site

U.S. Plating Burn Site

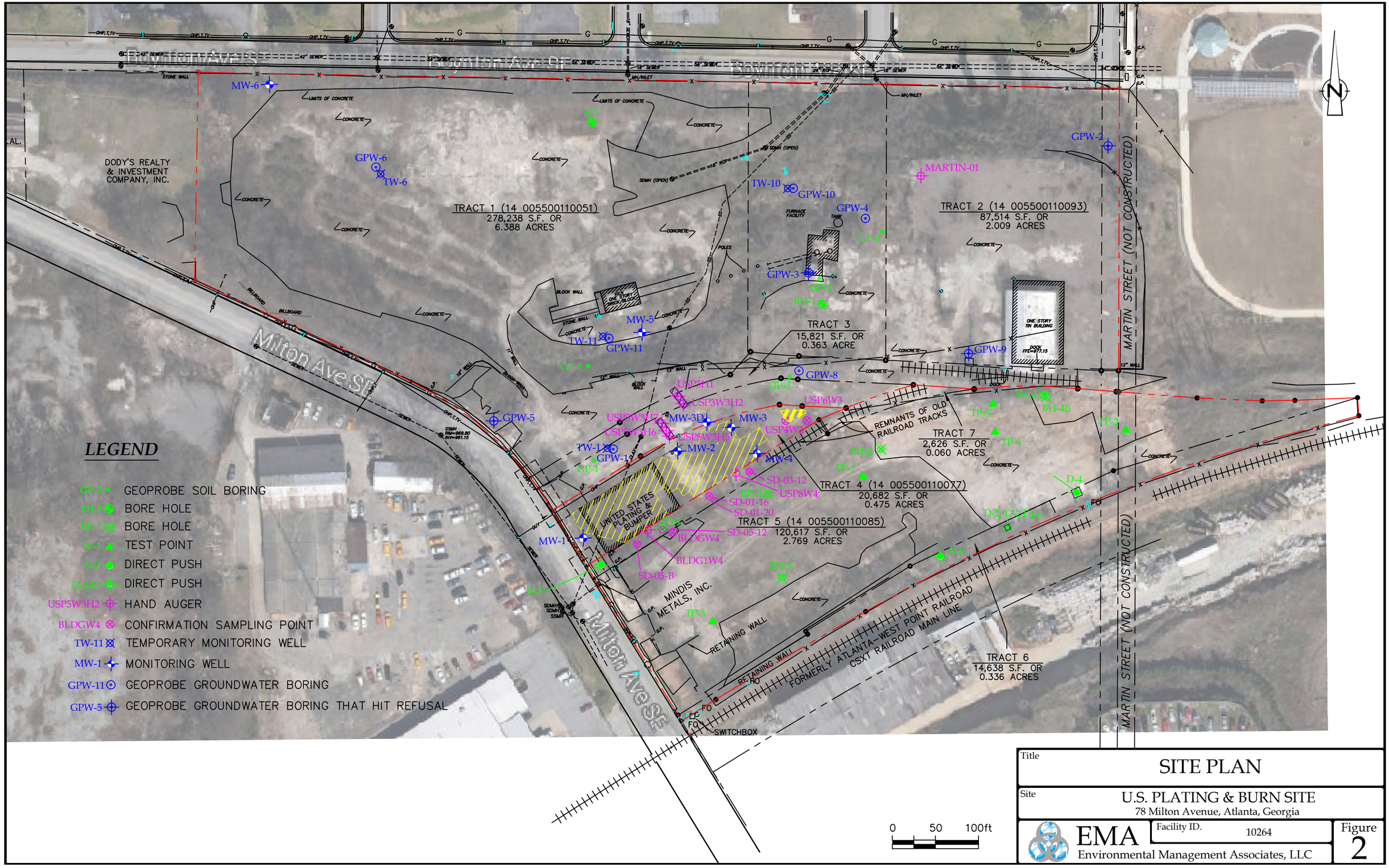
78 Milton Avenue, SE, Atlanta, Georgia

EMA

Environmental Management Associates, LLC

Facility ID. 10264

Figure **1**



LEGEND

- GP-2 ● GEOPROBE SOIL BORING
- BH-1 BORE HOLE
- BH-1 BORE HOLE
- TP-3 TEST POINT
- D-3 DIRECT PUSH
- D-2-D DIRECT PUSH
- USP5W3H2 HAND AUGER
- BLDGW4 CONFIRMATION SAMPLING POINT
- TW-11 TEMPORARY MONITORING WELL
- MW-1 MONITORING WELL
- GPW-11 GEOPROBE GROUNDWATER BORING
- GPW-5 GEOPROBE GROUNDWATER BORING THAT HIT REFUSAL

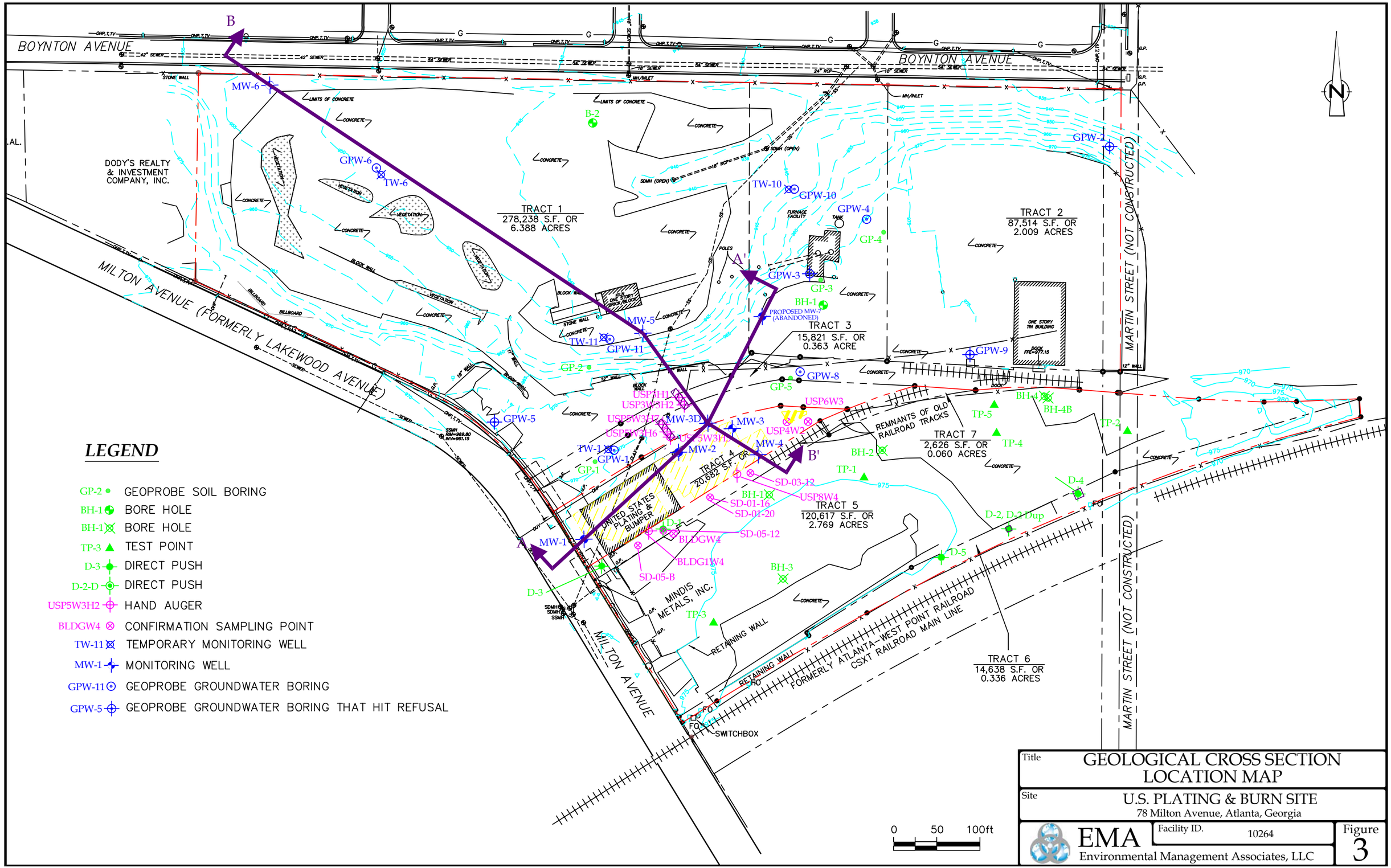
Title: SITE PLAN

Site: U.S. PLATING & BURN SITE
78 Milton Avenue, Atlanta, Georgia

EMA
Environmental Management Associates, LLC

Facility ID. 10264

Figure 2



LEGEND

- GP-2 ● GEOPROBE SOIL BORING
- BH-1 ◔ BORE HOLE
- BH-1 ⊠ BORE HOLE
- TP-3 ▲ TEST POINT
- D-3 ⊕ DIRECT PUSH
- D-2-D ⊙ DIRECT PUSH
- USP5W3H2 ⊕ HAND AUGER
- BLDGW4 ⊗ CONFIRMATION SAMPLING POINT
- TW-11 ⊠ TEMPORARY MONITORING WELL
- MW-1 ✦ MONITORING WELL
- GPW-11 ⊙ GEOPROBE GROUNDWATER BORING
- GPW-5 ⊕ GEOPROBE GROUNDWATER BORING THAT HIT REFUSAL

Title: GEOLOGICAL CROSS SECTION LOCATION MAP

Site: U.S. PLATING & BURN SITE
78 Milton Avenue, Atlanta, Georgia

EMA Environmental Management Associates, LLC

Facility ID. 10264

Figure 3

A

A'

FEET, AMSL

100
90
80
70
60
50
40
30

MW-1
MW-2
MW-3D
PROPOSED MW-7

GROUND SURFACE

(ML) SILT/CLAY
(ML/CL) SILT/CLAY
SAPROLITE LAYER
ROCK LAYER
?
?
GW ELEVATION
(70.18)
(69.60)
(61.77)
(ML) SILT
(SM/ML) SAND/SILT
BR
BEDROCK
ATLANTA GROUP – GNEISS

30 60 90 120 150 180 210 240 270 300 330 360

LEGEND

- BEDROCK
- SAND/SILT
- SILT
- SILT/CLAY

10ft
5
0
VERTICAL SCALE

0 15 30ft
HORIZONTAL SCALE

Title: GEOLOGICAL CROSS SECTION A-A'

Site: U.S. PLATING & BURN SITE
78 Milton Avenue, Atlanta, Georgia

EMA
Environmental Management Associates, LLC

Facility ID. 10264

Figure 4

B

B'

FEET, AMSL

100
90
80
70
60
50
40
30

MW-6
MW-5
MW-3D
MW-4

GROUND SURFACE

(CL) CLAY

(70.97)

(ML) SILT

GW ELEVATION

(62.74)

(61.77)

FILL

(ML/CL) SILT/CLAY

ML (SILT)

ROCK LAYER

(73.50)

(ML) SILT

(SM/ML) SAND/SILT

BR

(SM/ML) SAND/SILT

BR

BEDROCK
ATLANTA GROUP-GNEISS

80 160 240 320 400 480 540 640 720 800 880 960

LEGEND

- BEDROCK
- SAND/SILT
- SILT
- SILT/CLAY

10ft
5
0
VERTICAL SCALE

0 40 80ft
HORIZONTAL SCALE

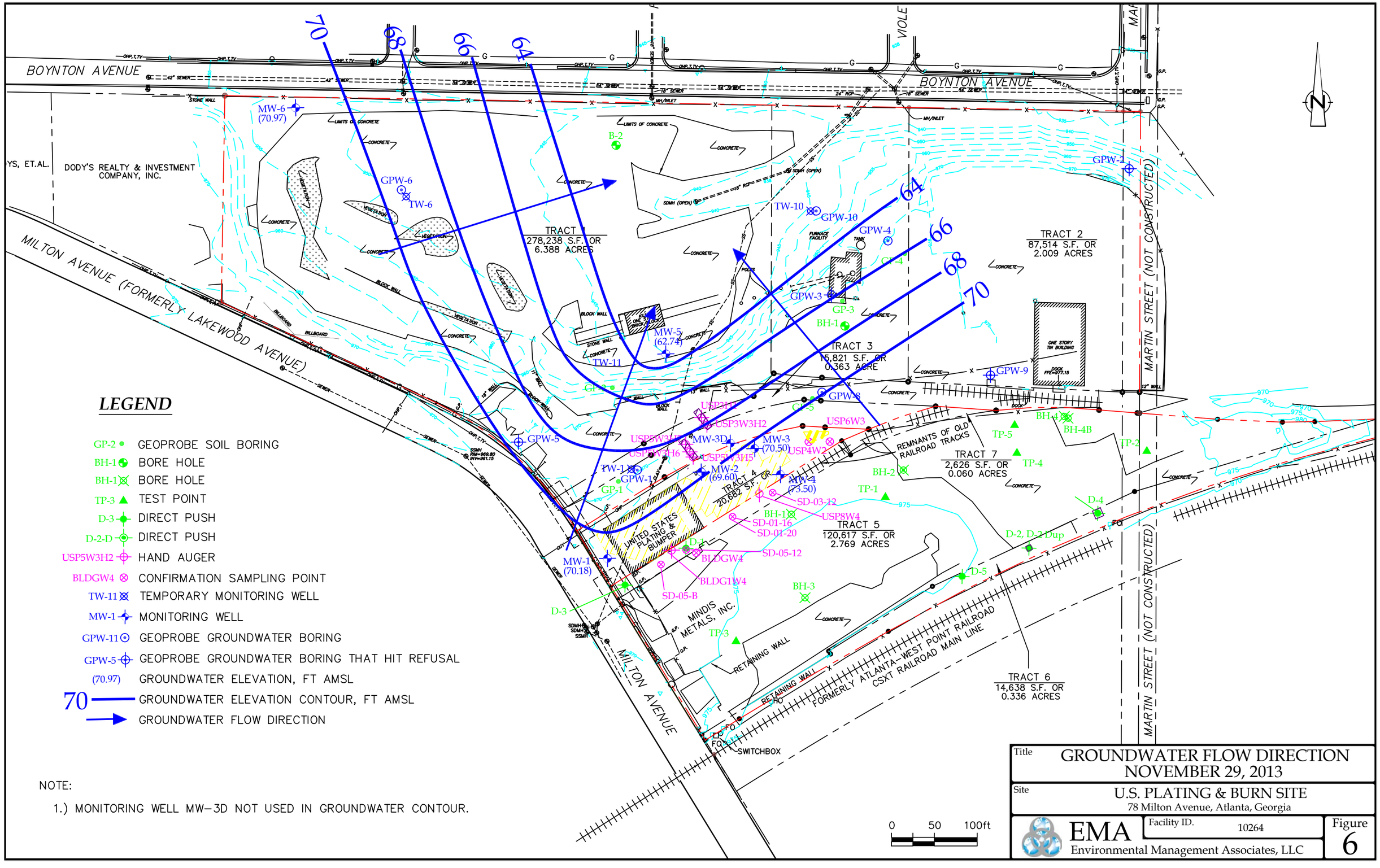
Title: GEOLOGICAL CROSS SECTION B-B'

Site: U.S. PLATING & BURN SITE
78 Milton Avenue, Atlanta, Georgia

EMA
Environmental Management Associates, LLC

Facility ID. 10264

Figure 5



LEGEND

- GP-2 ● GEOPROBE SOIL BORING
- BH-1 ◔ BORE HOLE
- BH-1 ⊠ BORE HOLE
- TP-3 ▲ TEST POINT
- D-3 ⊕ DIRECT PUSH
- D-2-D ⊙ DIRECT PUSH
- USP5W3H2 ⊕ HAND AUGER
- BLDGW4 ⊗ CONFIRMATION SAMPLING POINT
- TW-11 ⊠ TEMPORARY MONITORING WELL
- MW-1 ⊕ MONITORING WELL
- GPW-11 ⊙ GEOPROBE GROUNDWATER BORING
- GPW-5 ⊕ GEOPROBE GROUNDWATER BORING THAT HIT REFUSAL
- (70.97) GROUNDWATER ELEVATION, FT AMSL
- 70 GROUNDWATER ELEVATION CONTOUR, FT AMSL
- → GROUNDWATER FLOW DIRECTION

NOTE:

1.) MONITORING WELL MW-3D NOT USED IN GROUNDWATER CONTOUR.

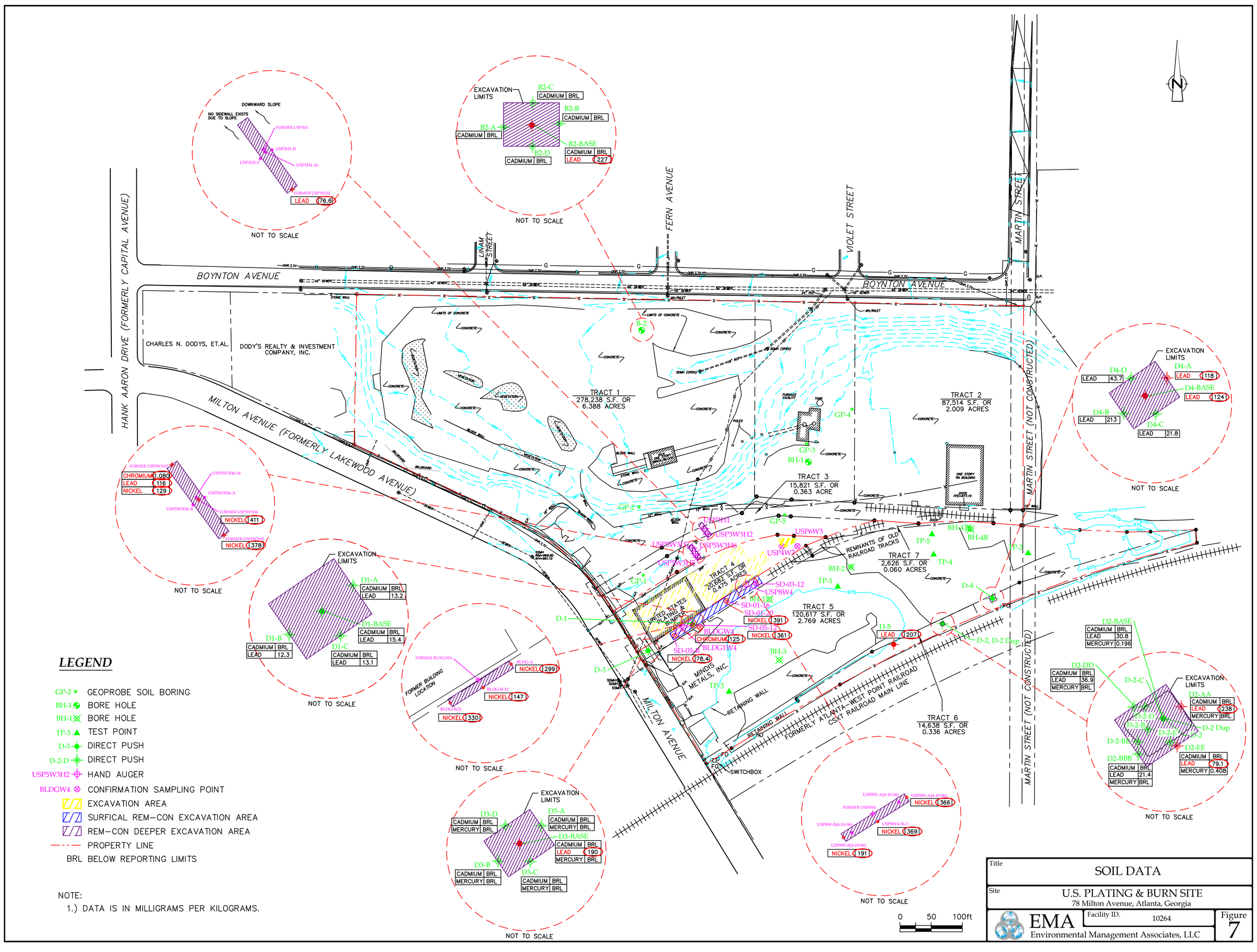
Title: GROUNDWATER FLOW DIRECTION NOVEMBER 29, 2013

Site: U.S. PLATING & BURN SITE
78 Milton Avenue, Atlanta, Georgia

EMA Environmental Management Associates, LLC

Facility ID. 10264

Figure 6



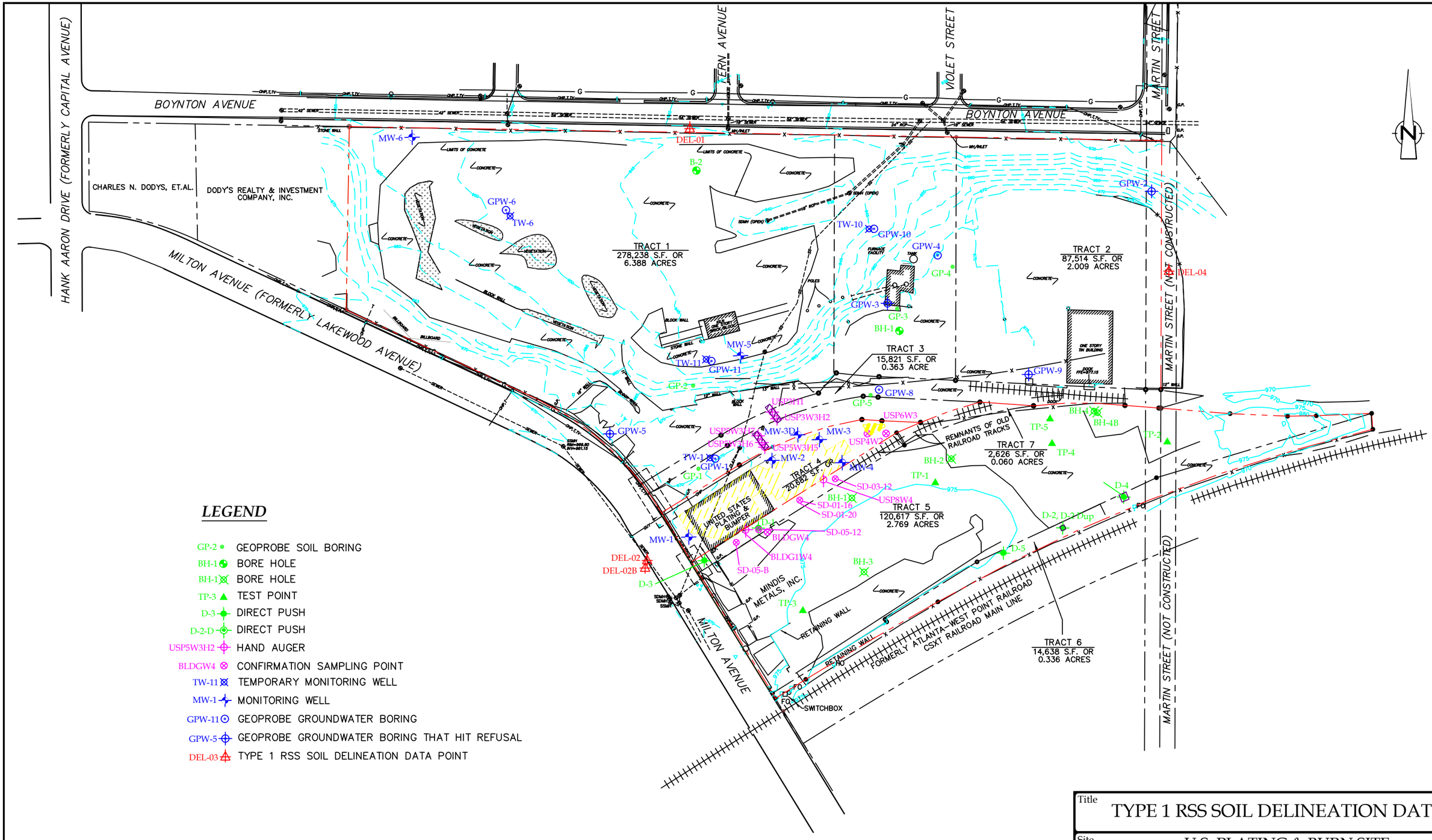
Title: SOIL DATA

Site: U.S. PLATING & BURN SITE
78 Milton Avenue, Atlanta, Georgia

EMA Environmental Management Associates, LLC

Facility ID. 10264

Figure 7



LEGEND

- GP-2 — GEOPROBE SOIL BORING
- BH-1 — BORE HOLE
- BH-1 — BORE HOLE
- TP-3 — TEST POINT
- D-3 — DIRECT PUSH
- D-2-D — DIRECT PUSH
- USP5W3H2 — HAND AUGER
- BLDGW4 — CONFIRMATION SAMPLING POINT
- TW-11 — TEMPORARY MONITORING WELL
- MW-1 — MONITORING WELL
- GPW-11 — GEOPROBE GROUNDWATER BORING
- GPW-5 — GEOPROBE GROUNDWATER BORING THAT HIT REFUSAL
- DEL-03 — TYPE 1 RSS SOIL DELINEATION DATA POINT

DEL-03 DEL-03B

0 60 120ft

Title: TYPE 1 RSS SOIL DELINEATION DATA

Site: U.S. PLATING & BURN SITE
78 Milton Avenue, Atlanta, Georgia

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Environmental Management Associates, LLC

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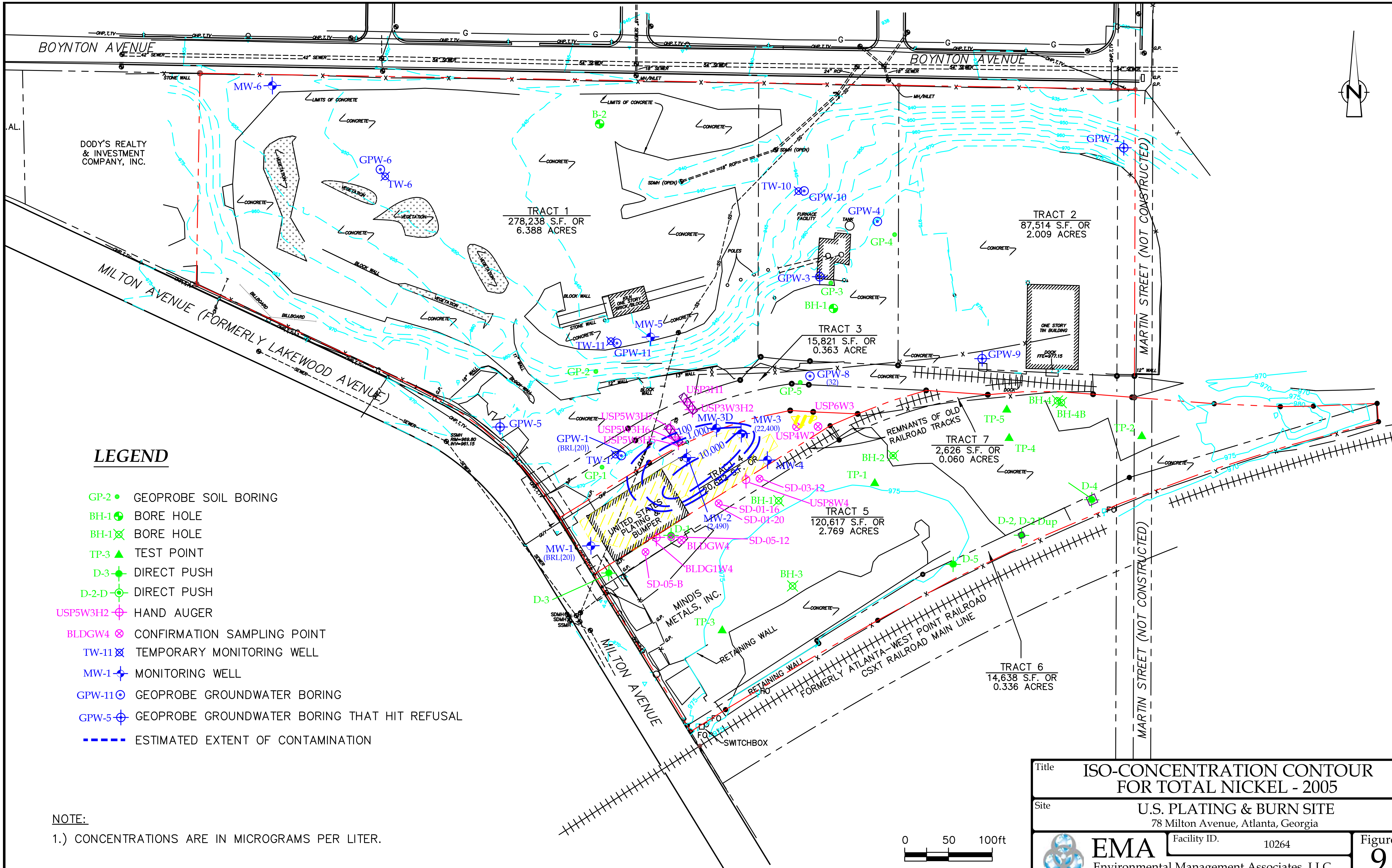
Figure 8


BOYNTON AVENUE
MILTON AVENUE (FORMERLY LAKEWOOD AVENUE)
MILTON AVENUE
MARTIN STREET (NOT CONSTRUCTED)
DODY'S REALTY & INVESTMENT COMPANY, INC.
TRACT 1
278,238 S.F. OR 6.388 ACRES
TRACT 2
87,514 S.F. OR 2.009 ACRES
TRACT 3
15,821 S.F. OR 0.363 ACRE
TRACT 5
120,617 S.F. OR 2.769 ACRES
TRACT 6
14,638 S.F. OR 0.336 ACRES
TRACT 7
2,626 S.F. OR 0.060 ACRES
UNITED STATES PLATING & BUMPER
MINDIS METALS, INC.
REMNANTS OF OLD RAILROAD TRACKS
FORMERLY ATLANTA-WEST POINT RAILROAD
CSXT RAILROAD MAIN LINE
RETAINING WALL
SWITCHBOX
100
1,000
10,000
MW-3 (22,400)
MW-2 (2,490)
LEGEND
GP-2 GEOPROBE SOIL BORING
BH-1 BORE HOLE
BH-1 BORE HOLE
TP-3 TEST POINT
D-3 DIRECT PUSH
D-2-D DIRECT PUSH
USP5W3H2 HAND AUGER
BLDGW4 CONFIRMATION SAMPLING POINT
TW-11 TEMPORARY MONITORING WELL
MW-1 MONITORING WELL
GPW-11 GEOPROBE GROUNDWATER BORING
GPW-5 GEOPROBE GROUNDWATER BORING THAT HIT REFUSAL
ESTIMATED EXTENT OF CONTAMINATION
NOTE:
1.) CONCENTRATIONS ARE IN MICROGRAMS PER LITER.
0 50 100ft
N

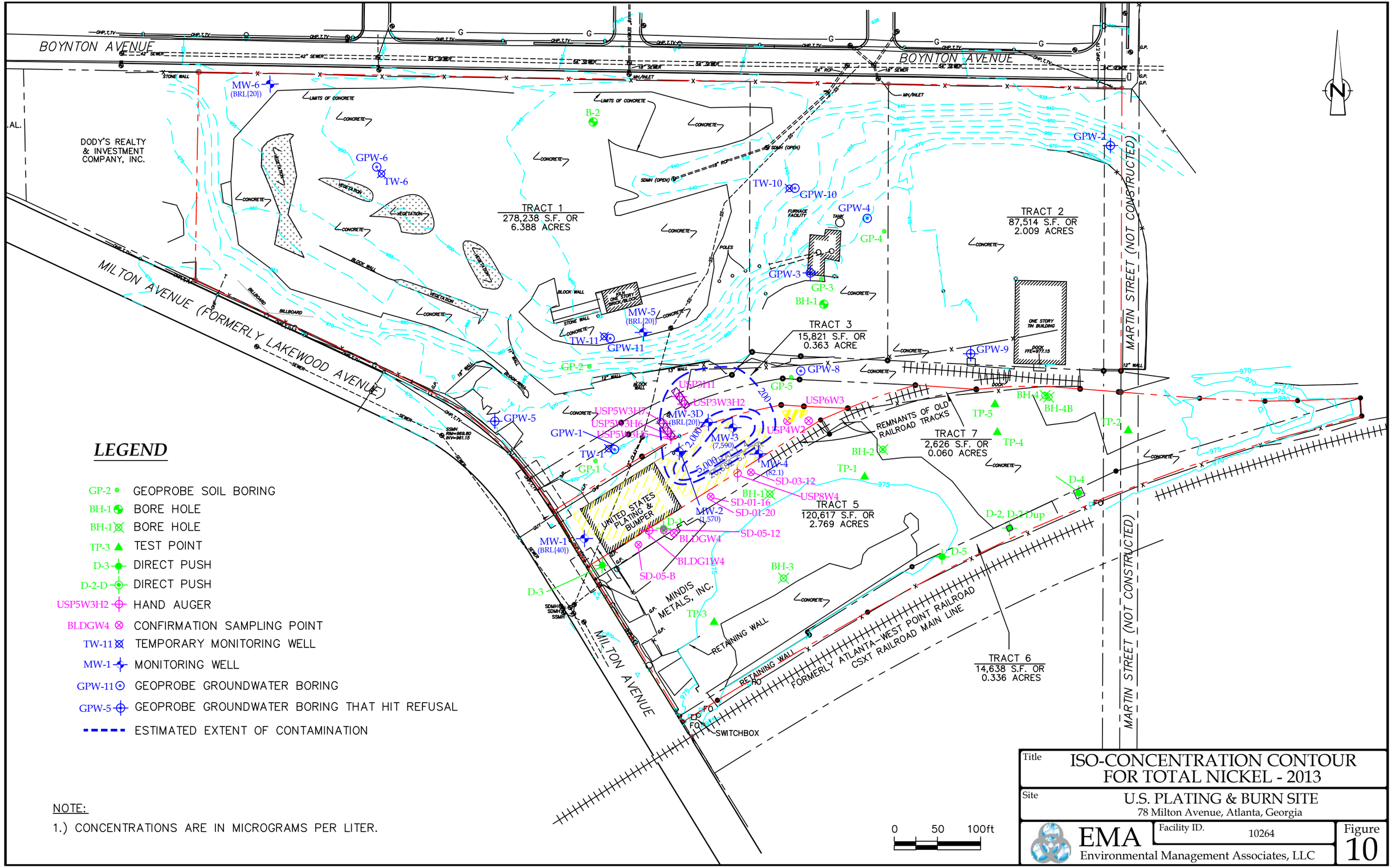
Title: ISO-CONCENTRATION CONTOUR FOR TOTAL NICKEL - 2005

Site: U.S. PLATING & BURN SITE
78 Milton Avenue, Atlanta, Georgia

EMA Environmental Management Associates, LLC

Facility ID. 10264

Figure 9



LEGEND

- GP-2 — GEOPROBE SOIL BORING
- BH-1 — BORE HOLE
- BH-1 — BORE HOLE
- TP-3 — TEST POINT
- D-3 — DIRECT PUSH
- D-2-D — DIRECT PUSH
- USP5W3H2 — HAND AUGER
- BLDGW4 — CONFIRMATION SAMPLING POINT
- TW-11 — TEMPORARY MONITORING WELL
- MW-1 — MONITORING WELL
- GPW-11 — GEOPROBE GROUNDWATER BORING
- GPW-5 — GEOPROBE GROUNDWATER BORING THAT HIT REFUSAL
- ESTIMATED EXTENT OF CONTAMINATION

NOTE:

1.) CONCENTRATIONS ARE IN MICROGRAMS PER LITER.

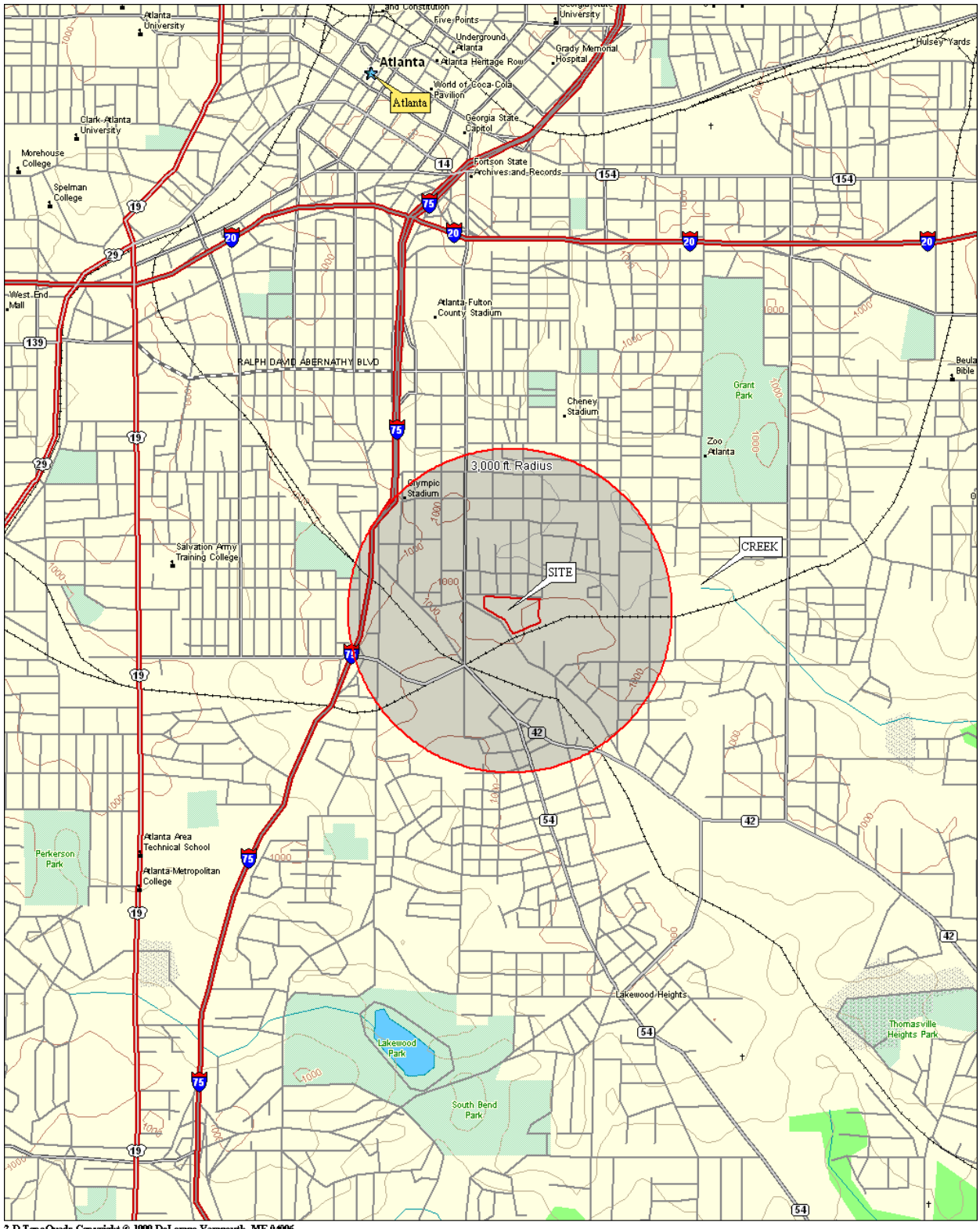
Title: ISO-CONCENTRATION CONTOUR FOR TOTAL NICKEL - 2013

Site: U.S. PLATING & BURN SITE
78 Milton Avenue, Atlanta, Georgia

EMA
Environmental Management Associates, LLC

Facility ID. 10264

Figure 10



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 800 ft Scale: 1 : 28,125 Detail: 12-7 Datum: WGS84

Title: CLOSEST SURFACE WATER RECEPTOR

Site: U.S. PLATING & BURN SITE
78 Milton Avenue, Atlanta, Georgia

EMA
Environmental Management Associates, LLC

Facility ID. 10264

Figure 11

TABLES

TABLE 1

GROUNDWATER ELEVATIONS
72/78/80 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Monitoring Well	*Date*	*Top of Casing Elevation (ft.)* [1]	*Ground Surface Elevation (ft.)* [1]	*Water Level (ft. BTOC)* [2]	*Groundwater Elevation (ft.)*
MW-1	5/19/2005	94.08	94.45	23.50	70.58
	11/29/2013	95.25	94.45	25.07	70.18
MW-2	5/19/2005	99.24	95.89	28.74	70.50
	11/29/2013	100.00	95.89	30.40	69.60
MW-3	5/19/2005	100.00	96.75	28.84	71.16
	11/29/2013	101.06	96.75	30.56	70.50
MW-3D	11/29/2013	100.02	98.50	38.20	61.82
MW-4	11/29/2013	98.90	96.40	25.40	73.50
MW-5	11/29/2013	73.39	70.89	10.65	62.74
MW-6	11/29/2013	81.72	79.22	10.75	70.97

Notes:
1) Based on an assumed datum of 100 feet. Wells were re-surveyed in November 2013.
2) ft. BTOC - feet below top of casing

TABLE 2

SUMMARY OF DETECTED ANALYTES IN SOIL
BLE PHASE II ESA (AUGUST 2003)
72 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Analyte	Date Collected	Units	Standards[1]	GP-1 (4-6' bgs)	GP-2 (8-9' bgs)	GP-3 (8-10' bgs)	GP-4 (9-10' bgs)	GP-5 (8-10' bgs)	BH-1 (2' bgs)
Acetone	8/11/2003	µg/kg[2]	2,740/400,000/NA	42.9	BRL(0.0464)	BRL(0.0464)	BRL(0.0464)	51.1	NT
Arsenic, Total	8/11/2003	mg/kg[3]	41/20/20	BRL(0.98)	BRL(0.97)	1.93	BRL(0.99)	1.57	NT
Barium, Total	8/11/2003	mg/kg	500/1000/NA	223	183	180	93.1	150	NT
Chromium, Total	8/11/2003	mg/kg	1200/100/2,400	38.90	18.60	40.80	34.30	16.50	NT
Chromium, Hex.	8/11/2003	mg/kg	NA	BRL(2)	NT	NT	NT	NT	NT
Lead, Total	8/11/2003	mg/kg	400/75/270.06	6.85	7.96	11.40	9.27	9.84	NT
Nickel, Total	8/11/2003	mg/kg	420/50/927.4	10.60	NT	NT	NT	2.76	NT
Silver, Total	8/11/2003	mg/kg	10/2/NA	BRL(0.98)	BRL(0.97)	BRL(0.96)	1.18	BRL(0.98)	NT

Notes:

1) HSRA Notification Concentrations, Type 1 and 2 RRS.
2) µg/kg - micrograms per kilogram
3) mg/kg - milligrams per kilogram

NA - Not applicable

BRL - Below reporting limit

NT - Not tested

TABLE 3

SUMMARY OF DETECTED ANALYTES IN SOIL
UNITED CONSULTING - SOIL INVESTIGATION (OCTOBER 2003)
72 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Sample Location	*Depth (feet bgs)* [1]	*Analyte*	*Concentration (mg/kg)* [2]	*Standards* [3] *(mg/kg)*
B-2 (3.5 - 5.0)	3.5 - 5.0	Barium	213	500/1000/NA
	3.5 - 5.0	Cadmium	**37.1**	39/2/7.52
	3.5 - 5.0	Chromium	35.5	1200/100/2,400
	3.5 - 5.0	Lead	227	400/75/270.06
	3.5 - 5.0	Mercury	0.117	17/0.5/0.5
B-2 (8.5 - 10)	8.5 - 10	Arsenic	5.59	41/20/20
	8.5 - 10	Barium	232	500/1000/NA
	8.5 - 10	Chromium	45.1	1200/100/2,400
	8.5 - 10	Lead	134	400/75/270.06

Notes:
1) bgs - below ground surface
2) mg/kg - milligrams per kilogram
3) HSRA Notification Concentrations, Type 1 and 2 RRS

TABLE 4

ANALYTICAL SOIL DATA - CONFIRMATORY SAMPLES
REM-CON SOIL REMOVAL (MARCH 2006)
72/80 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Sample Location [1]	*Date Collected*	*Sample Type*	*Depth (inches bgs)* [2]	*Analyte*	*Concentration (mg/kg)* [3]	*Standards* [4] *(mg/kg)*
72 Milton Ave.						
USP5W3H6-16	3/23/2006	Base	16	Chromium	76	1200/100/2,400
USP5W3H6-A	3/23/2006	Sidewall	8	Chromium	47	1200/100/2,400
USP5W3H6-B	3/23/2006	Sidewall	8	Chromium	12	1200/100/2,400
USP3H1-16	3/23/2006	Base	16	Lead	23.1	400/75/270.06
	3/23/2006	Base	16	Mercury	BRL (0.0986)	17/0.5/0.5
USP3H1-B	3/23/2006	Sidewall	8	Lead	37	400/75/270.06
	3/23/2006	Sidewall	8	Mercury	BRL (0.0982)	17/0.5/0.5
USP3H1-C	3/23/2006	Sidewall	8	Lead	34	400/75/270.06
	3/23/2006	Sidewall	8	Mercury	BRL (0.098)	17/0.5/0.5
80 Milton Ave.						
BLDG-B-12	3/23/2006	Sidewall	12	Nickel	**147**	420/50/927.4
BLDG-SW-B-3	3/23/2006	Sidewall	12	Nickel	**558**	420/50/927.4
BLDG-A	4/10/2006	Sidewall	12	Nickel	**299**	420/50/927.4
	4/10/2006	Sidewall	12	Arsenic	BRL (3.43)	41/20/20
BLDG-B	4/10/2006	Sidewall	12	Arsenic	BRL (3.65)	41/20/20
BLDG-B-3	4/21/2006	Sidewall	12	Nickel	**330**	420/50/927.4
USP8W4-36-3	3/23/2006	Sidewall	36	Arsenic	BRL (4.25)	41/20/20
	3/23/2006	Sidewall	36	Cadmium	BRL (2.12)	39/2/7.52
	3/23/2006	Sidewall	36	Lead	6	400/75/270.06
	3/23/2006	Sidewall	36	Nickel	**369**	420/50/927.4
USP8W-A	4/10/2006	Sidewall	36	Arsenic	BRL (4.57)	41/20/20
USP8W-B	4/10/2006	Sidewall	36	Arsenic	BRL (4.57)	41/20/20
USP8W-A	4/19/2006	Sidewall	36	Nickel	**366**	420/50/927.4
USP8W-B	4/19/2006	Sidewall	36	Nickel	**191**	420/50/927.4
SD-05-12	3/23/2006	Base	12	Nickel	**361**	420/50/927.4
SD-05-B	4/10/2006	Base	12	Nickel	**78.4**	420/50/927.4
	4/10/2006	Base	12	Arsenic	BRL (3.38)	41/20/20
SD-03-12	3/23/2006	Base	12	Mercury	BRL (0.100)	17/0.5/0.5
SD-01-16	3/23/2006	Base	16	Arsenic	BRL (4.87)	41/20/20
	3/23/2006	Base	16	Lead	16	400/75/270.06
SD-01-20	4/10/2006	Base	20	Nickel	**391**	420/50/927.4
	4/10/2006	Base	20	Arsenic	BRL (3.10)	41/20/20

Notes:
1) Sample locations highlighted in red are the final sampling points for the associated excavation
2) bgs - below ground surface
3) mg/kg - milligrams per kilogram
4) HSRA Notification Concentrations, Type 1 RRS and the Type 2 RRS

TABLE 5

SUMMARY OF DETECTED ANALYTES IN SOIL
EMA PHASE II (APRIL 2006)
80 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Sample Location	*Depth (feet bgs)* [1]	*Analyte*	*Concentration (mg/kg)* [2]	*Standards* [3] *(mg/kg)*
D-1	0-0.5	Barium	246	500/1000/NA
	0-0.5	Cadmium	**6.22**	39/2/7.52
	0-0.5	Chromium	52	1200/100/2,400
	0-0.5	Lead	**275**	400/75/270.06
	0-0.5	Mercury	0.397	17/0.5/0.5
	0-0.5	Arsenic	14	41/20/20
D-2	0-0.5	Barium	150	500/1000/NA
	0-0.5	Cadmium	**31**	39/2/7.52
	0-0.5	Chromium	45.7	1200/100/2,400
	0-0.5	Lead	**501**	400/75/270.06
	0-0.5	Mercury	**1.37**	17/0.5/0.5
	0-0.5	Arsenic	13.5	41/20/20
	0-0.5	TCLP Lead	0.175	5 mg/L
D-2 (Dup)	0-0.5	Lead	**306**	400/75/270.06
D-2 A	0-0.5	Lead	**238**	400/75/270.06
D-2 C	0.6	Lead	**354**	400/75/270.06
D-2 BB	0-0.5	Lead	**386**	400/75/270.06
D-2 D	0-0.5	Lead	40.7	400/75/270.06
D-2 E	0-0.5	Lead	**322**	400/75/270.06
D-3	0.5	Barium	112	500/1000/NA
	0.5	Cadmium	**6.16**	39/2/7.52
	0.5	Chromium	29.9	1200/100/2,400
	0.5	Lead	**190**	400/75/270.06
	0.5	Mercury	**0.542**	17/0.5/0.5
	0.5	Arsenic	11.7	41/20/20
D-4	0.5	Lead	**383**	400/75/270.06
D-5	0.5	Lead	**207**	400/75/270.06
TP-4	0-2	Barium	126	500/1000/NA
	0-2	Chromium	31.3	1200/100/2,400
	0-2	Lead	27	400/75/270.06
	0-2	Mercury	0.331	17/0.5/0.5
TP-4	0-2	TPH-DRO	12,000	--[4]
	0-2	Naphthalene (PAH)	0.630	100/100/NA
	0-2	2-Methylnaphthalene (PAH)	1.10	--[4]
	0-2	1-Methylnaphthalene (PAH)	2.00	--[4]
	0-2	Benzo(b) fluoroanthene (PAH)	0.530	5/5/NA
	0-2	Benzo(a)pyrene (PAH)	0.400	1.64/1.64/NA
TP-4	4	TPH-DRO	1,600	--[4]
	4	Xylenes (BTEX)	0.0033	20/1000/NA
	4	Phenanthrene (PAH)	1.100	110/110/NA
	4	Fluoranthene (PAH)	1.300	500/500/NA
	4	Pyrene (PAH)	0.700	500/500/NA
	4	Benzo(a) anthracene (PAH)	0.400	5/5/NA

TABLE 5

SUMMARY OF DETECTED ANALYTES IN SOIL
EMA PHASE II (APRIL 2006)
80 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Sample Location	*Depth (feet bgs)* [1]	*Analyte*	*Concentration (mg/kg)* [2]	*Standards* [3] *(mg/kg)*
TP-4 cont.	4	Chrysene (PAH)	0.420	5/5/NA
	4	Benzo(b) fluoroanthene (PAH)	0.460	5/5/NA
	4	Benzo(a)pyrene (PAH)	0.340	1.64/1.64/NA
	4	Indeno(1,2,3-cd)pyrene	0.480	5/5/NA
TP-2	3-4	Barium	7	500/1000/NA
	3-4	Chromium	2.19	1200/100/2,400
TP-5	3	TPH-DRO	3,000	--[4]
	3	Toluene (BTEX)	0.0026	14.4/100/NA
	3	Ethylbenzene (BTEX)	0.0012	20/70/NA
	3	Xylenes (BTEX)	0.0066	20/1000/NA
	3	Chrysene (PAH)	0.330	5/5/NA
	3	Benzo(b) fluoroanthene (PAH)	0.380	5/5/NA
	3	Indeno(1,2,3-cd)pyrene	0.390	5/5/NA
TP-5	5	TPH-DRO	650	--[4]
	5	Xylenes (BTEX)	0.0022	20/1000/NA
BH-2	6-7	Barium	17	500/1000/NA
	6-7	Chromium	4.76	1200/100/2,400
	6-7	Lead	4.12	400/75/270.06
BH-3	5-6.5	Lead	3.19	400/75/270.06

Notes:
1) bgs - below ground surface
2) mg/kg - milligrams per kilogram
3) HSRA Notification Concentrations, Type 1 and 2 RRS
4) No standard for this parameter.

TABLE 5

SUMMARY OF DETECTED ANALYTES IN SOIL
EMA PHASE II (APRIL 2006)
80 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Sample Location	*Depth (feet bgs)* [1]	*Analyte*	*Concentration (mg/kg)* [2]	*Standards* [3] *(mg/kg)*
TP-4 cont.	4	Chrysene (PAH)	0.420	5/5/NA
	4	Benzo(b) fluoroanthene (PAH)	0.460	5/5/NA
	4	Benzo(a)pyrene (PAH)	0.340	1.64/1.64/NA
	4	Indeno(1,2,3-cd)pyrene	0.480	5/5/NA
TP-2	3-4	Barium	7	500/1000/NA
	3-4	Chromium	2.19	1200/100/2,400
TP-5	3	TPH-DRO	3,000	--[4]
	3	Toluene (BTEX)	0.0026	14.4/100/NA
	3	Ethylbenzene (BTEX)	0.0012	20/70/NA
	3	Xylenes (BTEX)	0.0066	20/1000/NA
	3	Chrysene (PAH)	0.330	5/5/NA
	3	Benzo(b) fluoroanthene (PAH)	0.380	5/5/NA
	3	Indeno(1,2,3-cd)pyrene	0.390	5/5/NA
TP-5	5	TPH-DRO	650	--[4]
	5	Xylenes (BTEX)	0.0022	20/1000/NA
BH-2	6-7	Barium	17	500/1000/NA
	6-7	Chromium	4.76	1200/100/2,400
	6-7	Lead	4.12	400/75/270.06
BH-3	5-6.5	Lead	3.19	400/75/270.06

Notes:
1) bgs - below ground surface
2) mg/kg - milligrams per kilogram
3) HSRA Notification Concentrations, Type 1 and 2 RRS
4) No standard for this parameter.

TABLE 6

ANALYTICAL SOIL DATA - CONFIRMATORY SAMPLES
EMA SOIL REMOVAL (AUGUST 2013)
72/80 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Sample Location	*Depth (feet bgs)* [1]	*Analyte*	*Concentration (mg/kg)* [2]	*Standards* [3] *(mg/kg)*
72 Milton Ave.				
B2-Base	5.5	Cadmium	BRL (3.1)	39/2/7.52
B2-A	4.5	Cadmium	BRL (3.05)	39/2/7.52
B2-B	4.5	Cadmium	BRL (3.04)	39/2/7.52
B2-C	4.5	Cadmium	BRL (3.1)	39/2/7.52
B2-D	4.5	Cadmium	BRL (3.1)	39/2/7.52
80 Milton Ave.				
D1-Base	1.5	Cadmium	BRL (3.1)	39/2/7.52
	1.5	Lead	15	400/75/270.06
D1-A	0.75	Cadmium	BRL (2.93)	39/2/7.52
	0.75	Lead	13.2	400/75/270.06
D1-B	0.75	Cadmium	BRL (3.06)	39/2/7.52
	0.75	Lead	12.3	400/75/270.06
D1-C	0.75	Cadmium	BRL (2.82)	39/2/7.52
	0.75	Lead	13.1	400/75/270.06
D2-Base	2	Cadmium	BRL (3.2)	39/2/7.52
	2	Lead	31	400/75/270.06
	2	Mercury	0.196	17/0.5/0.5
D2-AA	1	Cadmium	BRL (3.28)	39/2/7.52
	1	Mercury	BRL (0.134)	17/0.5/0.5
D2-BBB	1	Cadmium	BRL (3.28)	39/2/7.52
	1	Lead	21.4	400/75/270.06
	1	Mercury	BRL (0.134)	17/0.5/0.5
D2-DD	1	Cadmium	BRL (3.08)	39/2/7.52
	1	Lead	36.9	400/75/270.06
	1	Mercury	BRL (0.122)	17/0.5/0.5
D2-EE	1	Cadmium	BRL (3.26)	39/2/7.52
	1	Lead	79.1	400/75/270.06
	1	Mercury	0.408	17/0.5/0.5
D3-Base	2	Cadmium	BRL (2.81)	39/2/7.52
	2	Mercury	BRL (0.118)	17/0.5/0.5
D3-A	1	Cadmium	BRL (2.92)	39/2/7.52
	1	Mercury	BRL (0.117)	17/0.5/0.5
D3-B	1	Cadmium	BRL (3.24)	39/2/7.52
	1	Mercury	BRL (0.128)	17/0.5/0.5
D3-C	1	Cadmium	BRL (3.09)	39/2/7.52
	1	Mercury	BRL (0.124)	17/0.5/0.5
D3-D	1	Cadmium	BRL (2.88)	39/2/7.52
	1	Mercury	BRL (0.117)	17/0.5/0.5
D4-Base	2	Lead	124	400/75/270.06
D4-A	1	Lead	118	400/75/270.06
D4-B	1	Lead	213	400/75/270.06
D4-C	1	Lead	21.8	400/75/270.06
D4-D	1	Lead	43.7	400/75/270.06

Notes:
1) bgs - below ground surface
2) mg/kg - milligrams per kilogram
3) HSRA Notification Concentrations, Type 1 and 2 RRS

TABLE 7

SUMMARY OF TYPE 1 RRS DELINEATION SOIL DATA
EMA (NOVEMBER AND DECEMBER 2013)
72/78/80 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Sample Location	*Depth (feet bgs)* [1]	*Analyte*	*Concentration (mg/kg)* [2]	*Type 1 RRS Standards (mg/kg)*
Del-01	0.5	Lead	44.1	75
	0.5	Chromium	41.2	100
	0.5	Nickel	18.8	50
Del-02	0.5	Lead	**126**	75
	0.5	Chromium	21.8	100
	0.5	Nickel	28	50
Del-02B	0.5	Lead	11.8	75
Del-03	0.5	Lead	**137**	75
	0.5	Chromium	42.3	100
	0.5	Nickel	20.9	50
Del-03B	0.5	Lead	44.4	75
Del-04	0.5	Lead	16.5	75
	0.5	Chromium	45	100
	0.5	Nickel	19.1	50
Martin-01	0.5	Lead	**85.0**	75
	0.5	Chromium	65.1	100
	0.5	Nickel	34.6	50

Notes:
1) bgs - below ground surface
2) mg/kg - milligrams per kilogram

TABLE 8

SUMMARY OF GROUNDWATER DATA
LIMITED PHASE II ESA (SEPTEMBER 2003)
72 MILTON AVENUE
ATLANTA, GEORGIA

Sample Location	*Sample Date*	*Turbidity (NTUs)* [1]	*Analyte*	*Concentration (µg/L)* [2]	*Standard* [3] *(µg/L)*
TW-1	9/9/2003	4	Cyanide	BRL (10)	200
TW-1	9/9/2003	4	Barium	46.4	--
TW-1	9/9/2003	4	Nickel	BRL (20)	--
TW-6	9/9/2003	3.1	Barium	48.1	2,000
TW-6	9/9/2003	3.1	Chromium	BRL (10)	100
TW-6	9/9/2003	3.1	Lead	BRL (10)	15
TW-6	9/9/2003	3.1	Selenium	BRL (20)	50
TW-10	9/9/2003	5.1	Barium	146	2,000
TW-10	9/9/2003	NA	Diss. Barium	134	--
TW-10	9/9/2003	5.1	Chromium	BRL (10)	100
TW-10	9/9/2003	5.1	Lead	BRL (10)	15
TW-10	9/9/2003	5.1	Arsenic	BRL (50)	50
TW-10	9/9/2003	5.1	Selenium	BRL (20)	50
TW-11	9/9/2003	23	Chromium	10	100
TW-11	9/9/2003	NA	Diss. Chromium	BRL (10)	--
TW-11	9/9/2003	23	Lead	BRL (10)	15
TW-11	9/9/2003	23	Arsenic	BRL (50)	50
TW-11	9/9/2003	NA	Diss. Arsenic	BRL (50)	--
TW-11	9/9/2003	23	Barium	209	2,000
TW-11	9/9/2003	NA	Diss. Barium	127	--

Notes:
1) NTUs - Nephelometric Turbidity Units
2) µg/L - micrograms per liter
3) Type 1 RRS

TABLE 9

SUMMARY OF GROUNDWATER DATA
EMA (2005 AND 2013)
72/78 MILTON AVENUE
ATLANTA, GEORGIA

Sample Location	*Sample Date*	*Turbidity (NTUs)* [1]	*Analyte*	*Result (µg/L)* [2]	*RRS* [3] *(µg/L)*
MW-1	5/19/2005	10	Total Barium	138	2,000
MW-1	5/19/2005	10	Diss. Barium	96.0	--
MW-1	5/19/2005	10	Total Nickel	BRL (20)	100
MW-1	12/17/2013	6.3	Total Nickel	BRL (40)	100
MW-2	5/18/2005	21	Total Barium	30.5	2,000
MW-2	5/18/2005	21	Diss. Barium	26.4	--
MW-2	5/18/2005	21	Total Chromium	15.1	100
MW-2	5/18/2005	21	Diss. Chromium	11.4	--
MW-2	5/18/2005	21	Total Nickel	**2,270**	100
MW-2	5/18/2005	21	Diss. Nickel	2,400 J	--
MW-2 (Conf.)	5/23/2005	9	Total Chromium	14	
MW-2 (Conf.)	5/23/2005	9	Total Nickel	**2,490**	100
MW-2	8/19/2013	12	Total Nickel	**1,570**	100
MW-3	5/18/2005	19	Total Barium	52.6	2,000
MW-3	5/18/2005	19	Diss. Barium	26.8	--
MW-3	5/18/2005	19	Total Nickel	**14,000**	100
MW-3	5/18/2005	19	Diss. Nickel	14,700 J	--
MW-3 (Conf.)	5/23/2005	6	Total Nickel	**22,400**	100
MW-3	8/19/2013	10	Total Nickel	**7,590**	100
MW-4	11/29/2013	6.1	Total Nickel	82.1	100
MW-5	11/29/2013	8.9	Total Nickel	BRL (20)	100
MW-6	11/29/2013	4.3	Total Nickel	BRL (20)	100
MW-3D	11/29/2013	3.9	Total Nickel	BRL (20)	100

Notes:
1) NTUs - Nephelometric Turbidity Units
2) µg/L - micrograms per liter
3) Type 1 RRS
J- should be considered estimated since the concentration exceeds the total value.
NA - Not Applicable

TABLE 10

SUMMARY OF DELINEATION STANDARDS FOR SOIL
72/78/80 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Analyte	*Type 1 RRS Standards (mg/kg)* [1]
Lead	75
Chromium	100
Nickel	50
Mercury	0.5
Barium	1000
Cadmium	2
Arsenic	20

Notes:
1) mg/kg - milligrams per kilogram

APPENDIX A

REMOVAL ACTIVITIES REPORT (RAR) FIGURES 4, 5, 6 AND TABLE 10

NORTH

USP1

USP2

USP3

USP4

USP5

USP6

USP7

USP8

286.6 feet

195.7 feet

224.7 feet

169.2 feet

192.7 feet

120.5 feet

171.4 feet

93.4 feet

90.7 feet

STORM DRAIN

DRIVEWAY

BLDG

MILTON AVENUE

P/K NAIL REFERENCE POINT

LEGEND

- Property Boundary
- Initial Excavation Areas - 2' deep
- Initial Excavation Areas - 6' deep
- Reference Line

0 15 30 60

SCALE - 1" = 30'

AECS	American Environmental & Construction Services Alpharetta, GA Ph. (770) 754-6440	PROJECT: U.S. PLATING BURN SITE ATLANTA, GEORGIA	TITLE: SAMPLING RFERENCE POINTS		FIGURE 6
		JOB NO: 02-12-4 / DATE: 11/21/05	SCALE: 1" = 30' / DRAWN BY: WAF	CHECKED BY: WAF	

NORTH

arsenic 15.6
barium 240
chromium 30.4
lead 302
nickel 23.6
mercury 0.781

USP3H1

arsenic 6.34
barium 494
chromium 12.6
lead 76.6
nickel 32.8
mercury ND

USP3W3H2

barium 119
chromium 12.6
lead 10.5
nickel 14.9
mercury ND

USP3W3H3

USP3W3H4

barium 89.5
chromium 62.3
lead 7.35
nickel 10.2
mercury ND

USP3H5

USP3H6

barium 109
chromium 27.7
lead 8.43
nickel 9.05
mercury ND

barium 166
chromium 20.6
lead 8.27
nickel 10.2
mercury ND

barium 140
chromium 23.2
lead 10.5
nickel 61.8
mercury ND

USP4W2
barium 67.6
chromium 17.7
lead 6.0
nickel 240
mercury ND

USP7W3
chromium 18.5
lead 11.6
nickel 8.2
mercury ND

USP1W2
chromium 24.1
lead 16.9
nickel 13.2
mercury ND

USP6W3
barium 208
chromium 1,210
lead 153
nickel 104
mercury ND

USP7W4
chromium 20.3
lead 10.3
nickel 7.9
mercury ND

barium 142
chromium 1080
lead 116
nickel 129
mercury ND

USP5W3H7

barium 97.5
chromium 1490
lead 71.1
nickel 411
mercury ND

USP5W3H6

USP5W3H5

USP5W3H4

barium 84.9
chromium 218
lead 26
nickel 378
mercury ND

barium 110
chromium 44.4
lead 7.28
nickel 14
mercury ND

USP5W3H3

USP5W3H2

USP5W3H1

USP1W1
chromium 21.4
lead 9.2
nickel 314
mercury ND

USP3H7

USP6W2
chromium 977
lead 121
nickel 776
mercury ND

USP7W1
chromium 11.8
lead 10.0
nickel 7.5
mercury ND

USP6W4
barium 172
chromium 1,350
nickel 313
lead 80.6
mercury ND

USP8W2A
chromium 32.9
nickel 423
mercury ND

barium 68.8
chromium 43.4
lead 8.36
nickel 11.6
mercury ND

barium 126
chromium 44
lead 8.25
nickel 11.6
mercury ND

barium 117
chromium 42
lead 8.97
nickel 11.1
mercury ND

STORM DRAIN

DRIVEWAY

MILTON AVENUE

BLDGW1
chromium 27.6
lead 20.5
nickel 10.3
mercury ND

BLDGW2

BLDGW3
chromium 42.9
lead 11.1
nickel 14.5
mercury ND

BLDGW4

barium 210
chromium 186
lead 18.1
nickel 396
mercury ND

nickel 2,170
chromium 125
lead 22.8
mercury ND

USP8W1A
chromium 32.9
nickel 423
mercury ND

USP8W1H1
barium 205
chromium 24.7
lead 9.17
nickel 44.2
mercury ND

USP8W1
barium 162
chromium 51.7
lead 11.7
nickel 27.1
mercury ND

USP8W4
arsenic 79.8
cadmium 8.6
nickel 2,910
chromium 390
lead 346
mercury 0.168

USP5W1H1
barium 44.6
chromium 50
lead 16.1
nickel 77.9
mercury ND

LEGEND

- Property Boundary
- Fence Line
- Final Excavation Area
- Hand Auger Soil Boring
- Confirmation Soil Sample

units: mg/kg

Results shown in Red exceed EPD RRSs

0 15 30 60

SCALE - 1" = 30'

AECS

American Environmental & Construction Services
Alpharetta, GA
Ph. (770) 754-6440

PROJECT: U.S. PLATING BURN SITE ATLANTA, GEORGIA

TITLE: FINAL EXCAVATION AREA

FIGURE: 5

JOB NO: 02-12-4 | DATE: 3/16/06 | SCALE: 1" = 30' | DRAWN BY: WAF | CHECKED BY: WAF

NORTH

USP5W2
nickel 1,720
chromium 141
lead 36.2
mercury ND

USP3W2
nickel 4,420
chromium 17.8
lead 65.8
mercury ND

USP2W2
nickel 1,450
chromium 910
lead 1,280
mercury 0.191

USP2W1
nickel 1,510
chromium 1,840
lead 261
mercury 0.1

USP2W3
nickel 204
chromium 668
lead 623
mercury ND

USP5W3
nickel 1,140
chromium 986
lead 507
mercury 0.183

USP1
USP4
USP7
USP6
USP3
USP2
USP5
USP8

USP7W3
USP7B1
USP7W1
USP7W4

USP1W3
USP1B1
USP1W1
USP1W2
USP4W2
USP4B1
USP4W1
USP4W4
USP3B1

USP6W3
USP6W2
USP6B1
USP6W1
USP6W4

USP3W3
nickel 15,700
barium 605
chromium 805
lead ND
mercury ND

USP4W3
nickel 1,040
chromium 17.7
lead 6.0
mercury ND

USP8B1
USP8W1

USP8W3
nickel 2,230
chromium 44.8
lead 26.9
mercury ND

USP8W4
arsenic 79.8
cadmium 8.6
nickel 2,910
chromium 390
lead 346
mercury 0.168

USP8W2
arsenic 25.5
barium 2,010
nickel 5,990
chromium 4,520
lead 396
mercury 0.225

USP5W4
nickel 464
cadmium 4.9
chromium 111
lead 11.7
mercury 4.87

USP3W1
nickel 2,550
chromium 86.9
lead 54.7
mercury ND

USP3W1A
nickel 1,710

USP5W1
nickel 3,390
chromium 5,060
lead 304
mercury ND

USP2W4
nickel 32,200
chromium 1,290
lead 176
mercury 0.129

STORM DRAIN

DRIVEWAY

FORMER BUILDING SECTION

BLDG1W3
BLDG1W2
BLDG1B1
BLDG1W4
BLDG1W1

nickel 2,170
chromium 125
lead 22.8
mercury ND

MILTON AVENUE

P/K NAIL REFERENCE POINT

LEGEND

- Property Boundary
- Initial Excavation Areas - 2' deep
- Initial Excavation Areas - 6' deep
- ⊗ Confirmation Soil Sample

units: mg/kg

Results shown in Red exceed EPD RRSs

0 15 30 60

SCALE - 1" = 30'

AECS

American Environmental & Construction Services
Alpharetta, GA
Ph. (770) 754-6440

PROJECT: U.S. PLATING BURN SITE
ATLANTA, GEORGIA

TITLE: INITIAL EXCAVATION AREA

FIGURE: 4

JOB NO: 02-12-4 | DATE: 11/21/05 | SCALE: 1" = 30' | DRAWN BY: WAF | CHECKED BY: WAF

Table 10
Excavated Areas

LOCATION	GA RRS/NC	USP1	USP1	USP1	USP1	USP2	Removed	USP2	USP5W3	Removed	USP2	USP5W3	Removed	USP2	USP5W1
		W1	W2	W3	B1	W1	side wall thru	W2	H1	side wall thru	W3	H1	side wall thru	W4	H1
Date Sampled		7/21/05	7/21/05	7/21/05	7/21/05	7/13/05	USP BLDGW2	7/13/05	8/25/05	USP3W1	7/13/05	8/25/05	Bldg W2	7/13/05	8/26/05
Metals, Total: SW6010B	**GA RRS/NC**														
Arsenic	20.0	BRL	BRL	BRL	BRL	9.0	BRL	12.6	BRL	N /A	BRL	BRL	N /A	BRL	BRL
Barium	500.0	84.9	114.0	122.0	123.0	187.0	210.0	267.0	68.8	N /A	75.7	68.8	N /A	215.0	44.6
Cadmium	3.0	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	N /A	BRL	BRL	N /A	BRL	BRL
Chromium	2,400.0	21.4	24.1	28.7	44.6	1,840.0	186.0	910.0	43.4	N /A	668.0	43.4	N /A	1,290.0	50
Lead	270.1	9.2	16.9	10.0	10.7	261.0	18.1	1,280.0	8.36	N /A	623.0	8.36	N /A	176.0	16.1
Nickel	927.4	314.0	13.2	10.0	95.6	1,510.0	396.0	1,450.0	10.3	N /A	204.0	10.3	N /A	32,200.0	77.9
Selenium	36.0	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	N /A	BRL	BRL	N /A	BRL	BRL
Silver	10.0	BRL	BRL	BRL	BRL	BRL	BRL	3.2	BRL	N /A	3.2	BRL	N /A	BRL	BRL
Total Mercury: SW7471A															
Mercury	0.5	BRL	BRL	BRL	BRL	0.100	BRL	0.191	BRL	N/A	BRL	BRL	N/A	0.129	BRL
Carbon Disulfide	Any Detection	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CYANIDE: SW9014															
Cyanide	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Exceeded the GAEPD RRS/NC

Clean

BRL= Below reportable Limit

N/A= Not Applicable

Table 10
Excavated Areas

LOCATION	USP2	USP3	USP3	USP3W1	Removed	USP3	USP3	USP3	USP3	Removed	USP3	USP4	USP4	USP4	Removed
	B1	W1	W1A	H1	side wall thru	W2	H7	W3	W3A	side wall thru	B1	W1	W2	W3	side wall thru
Date Sampled	7/13/05	7/14/05	8/18/05	8/26/05	USP2W2	7/14/05	8/24/05	7/14/05	8/18/05	USP8W3	7/14/05	7/21/05	7/21/05	7/21/05	property line
Metals, Total: SW6010B															
Arsenic	BRL	9.7	N/A	BRL	N /A	7.8	BRL	BRL	N/A	N /A	BRL	BRL	BRL	BRL	N /A
Barium	80.3	99.5	N/A	96	N /A	227.0	140	605.0	N/A	N /A	156.0	177.0	67.6	138.0	N /A
Cadmium	BRL	BRL	N/A	BRL	N /A	BRL	BRL	BRL	N/A	N /A	BRL	BRL	BRL	BRL	N /A
Chromium	246.0	86.9	N/A	2480	N /A	17.8	23.2	805.0	N/A	N /A	24.6	18.9	23.5	17.7	N /A
Lead	37.2	54.7	N/A	301	N /A	65.9	10.5	BRL	N/A	N /A	11.2	8.1	10.0	6.0	N /A
Nickel	393.0	2,550.0	1,710.0	726	N /A	4,420.0	61.8	15,700.0	6,470.0	N /A	163.0	439.0	240.0	1,040.0	N /A
Selenium	BRL	BRL	N/A	BRL	N /A	BRL	BRL	BRL	N/A	N /A	BRL	BRL	BRL	BRL	N /A
Silver	BRL	2.0	N/A	BRL	N /A	2.4	BRL	BRL	N/A	N /A	BRL	BRL	BRL	BRL	N /A
Total Mercury: SW7471A															
Mercury	BRL	BRL	N/A	N/A	N/A	BRL	BRL	BRL	N/A	N/A	BRL	BRL	BRL	BRL	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	BRL	BRL	BRL	N/A
CYANIDE: SW9014															
Cyanide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Exceeded the GAEPD RRS/NC

Clean

BRL= Below reportable Limit

N/A= Not Applicable

Table 10
Excavated Areas

LOCATION	USP4	USP4	USP5	USP5	USP5W1	USP5	USP5	Removed	USP5	USP5	USP5W3	USP5	Removed	USP5
	W4	B1	W1	W1A	H1	W2	W2A	side wall	W3	W3A	H1	W4	side wall thru	B1
Date Sampled	7/21/05	7/21/05	7/15/05	8/19/05	8/26/05	7/15/05	8/19/05		7/15/05	8/19/05	8/25/05	7/15/05	property line	7/15/05
Metals, Total: SW6010B														
Arsenic	6.3	BRL	BRL	N/A	BRL	5.1	N/A	N/A	4.9	N/A	BRL	4.9	N/A	BRL
Barium	141.0	165.0	324.0	N/A	44.6	130.0	N/A	N/A	199.0	N/A	117	31.2	N/A	131.0
Cadmium	BRL	BRL	BRL	N/A	BRL	BRL	N/A	N/A	BRL	N/A	BRL	4.9	N/A	BRL
Chromium	34.7	25.9	5,060.0	36.8	50	141.0	N/A	N/A	986.0	N/A	42	111.0	N/A	272.0
Lead	74.3	11.9	304.0	44.7	16.1	36.2	N/A	N/A	507.0	1,010.0	8.97	11.7	N/A	14.6
Nickel	268.0	747.0	3,390.0	37,800.0	77.9	1,720.0	1,700.0	N/A	4,140.0	2,500.0	11.1	464.0	N/A	95.6
Selenium	BRL	BRL	BRL	N/A	BRL	BRL	N/A	N/A	BRL	N/A	BRL	4.9	N/A	BRL
Silver	BRL	BRL	BRL	N/A	BRL	BRL	N/A	N/A	BRL	N/A	BRL	4.9	N/A	BRL
Total Mercury: SW7471A														
Mercury	BRL	BRL	BRL	N/A	N/A	BRL	N/A	N/A	0.183	N/A	BRL	4.870	N/A	BRL
Carbon Disulfide	BRL	BRL	BRL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CYANIDE: SW9014														
Cyanide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Exceeded the GAEPD RRS/NC

Clean

BRL= Below reportable Limit

N/A= Not Applicable

Table 10
Excavated Areas

LOCATION	USP6	USP6	USP6	USP6	USP6	USP7	USP7	USP7	USP7	USP8	USP8	USP8
	W1	W2	W3	W4	B1	W1	W3	W4	B1	W1	W1A	W2
Date Sampled	7/21/05	7/21/05	7/21/05	7/21/05	7/21/05	7/21/05	7/21/05	7/21/05	7/21/05	7/14/05	8/22/05	7/14/05
Metals, Total: SW6010B												
Arsenic	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	N/A	25.5
Barium	141.0	482.0	208.0	172.0	187.0	149.0	84.4	95.1	133.0	162.0	N/A	2,010.0
Cadmium	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	N/A	BRL
Chromium	270.0	977.0	1,210.0	1,350.0	566.0	11.8	18.5	22.2	20.3	51.7	32.9	4,520.0
Lead	24.3	121.0	153.0	80.6	34.4	10.0	11.6	10.3	12.4	11.7	N/A	396.0
Nickel	28.7	776.0	104.0	313.0	81.2	7.5	8.2	7.9	9.8	27.1	423.0	5,990.0
Selenium	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	N/A	BRL
Silver	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	N/A	BRL
Total Mercury: SW7471A												
Mercury	BRL	BRL	0.397	BRL	BRL	BRL	BRL	BRL	BRL	0.11	N/A	0.225
Carbon Disulfide	BRL	BRL	BRL	BRL	BRL	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CYANIDE: SW9014												
Cyanide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.62	N/A	64.6

Exceeded the GAEPD RRS/NC

Clean

BRL= Below reportable Limit

N/A= Not Applicable

Table 10
Excavated Areas

LOCATION	USP8	Removed	USP8	USP8	Removed	USP8	Removed	USP8	USP BLDG	USP BLDG	USP BLDG	USP BLDG	Removed
	W2A	side wall thru	W3	W3A	side wall thru	W4	side wall to	B1	W1	W2	W3	W4	side wall to
Date Sampled	8/22/05	USP6W1	7/14/05	8/22/05	USP3W3	7/14/05	property line	7/14/05	8/1/05	8/1/05	8/1/05	8/1/05	property line
Metals, Total: SW6010B													
Arsenic	N/A	N/A	BRL	N/A	N/A	79.8	N/A	BRL	BRL	BRL	BRL	BRL	N/A
Barium	N/A	N/A	174.0	N/A	N/A	252.0	N/A	167.0	74.3	210.0	170.0	94.4	N/A
Cadmium	N/A	N/A	BRL	N/A	N/A	8.6	N/A	BRL	BRL	BRL	BRL	BRL	N/A
Chromium	32.9	N/A	44.8	N/A	N/A	390.0	N/A	55.0	27.6	186.0	42.9	125.0	N/A
Lead	N/A	N/A	26.9	N/A	N/A	346.0	N/A	14.1	20.5	18.1	11.1	22.8	N/A
Nickel	423.0	N/A	2,230.0	2,670.0	N/A	2,910.0	N/A	149.0	10.3	396.0	14.5	2,170.0	N/A
Selenium	N/A	N/A	BRL	N/A	N/A	BRL	N/A	BRL	BRL	BRL	BRL	BRL	N/A
Silver	N/A	N/A	BRL	N/A	N/A	BRL	N/A	BRL	BRL	BRL	BRL	BRL	N/A
Total Mercury: SW7471A													
Mercury	N/A	N/A	BRL	N/A	N/A	0.168	N/A	BRL	BRL	BRL	BRL	BRL	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CYANIDE: SW9014													
Cyanide	N/A	N/A	1.77	N/A	N/A	3.65	N/A	7.61	N/A	N/A	N/A	N/A	N/A

Exceeded the GAEPD RRS/NC

Clean

BRL= Below reportable Limit

N/A= Not Applicable

Table 10
Excavated Areas

LOCATION	USP BLDG
	B1
Date Sampled	8/1/05
Metals, Total: SW6010B	
Arsenic	BRL
Barium	39.2
Cadmium	BRL
Chromium	244.0
Lead	16.4
Nickel	552.0
Selenium	BRL
Silver	BRL
Total Mercury: SW7471A	
Mercury	BRL
Carbon Disulfide	N/A
CYANIDE: SW9014	
Cyanide	N/A

Exceeded the GAEPD RRS/NC

Clean

BRL= Below reportable Limit

N/A= Not Applicable

APPENDIX B

BLE PHASE II ESA (2003)/EMA SOILS RESULTS (2003)

BLE INC.
BUNNELL-LAMMONS ENGINEERING, INC.
GEOTECHNICAL, ENVIRONMENTAL AND CONSTRUCTION MATERIALS CONSULTANTS

September 30, 2003

Lebow Land Co., LLC
900 Peachtree Street, Suite 400
Atlanta, GA 30309

Attention: Mr. Eric D. Ranney

Subject: **Report of Updated Phase I and Limited Phase II Environmental Site Assessment**
72 Milton Avenue, SE
Atlanta, Georgia 30315
BLE Project No. J03-2440-02

Dear Mr. Ranney:

As authorized by your acceptance of our proposal dated August 1, 2003, Bunnell-Lammons Engineering, Inc. (BLE) has completed soil and ground-water sampling and analysis activities at the subject site in Atlanta, Georgia. The purpose of this supplemental assessment was to determine if soil or ground water beneath the site have been contaminated by on-site or off-site concerns, which were identified in the Phase I Environmental Site Assessment (Phase I) report dated March 1, 2002, and addressed to Hodges, Harbin, Newberry & Tribble, Inc. All parties entitled to rely on the present report may rely on the prior Phase I as if originally addressed to them. However, all such reliance shall be subject to the terms and conditions contained in that agreement between BLE and Lebow Land Co., LLC.

The findings and recommendations contained herein are based upon the data that was reviewed and documented in this report along with our experience on similar projects. The discovery of any additional relevant information at the site should be reported to us for our review so that we can reassess potential environmental impacts and modify our recommendations, if necessary.

We appreciate the opportunity to work with you on this project. Please call us if you have any questions or if we may be of further service.
Sincerely,

BUNNELL-LAMMONS ENGINEERING, INC.

Andrew W. Alexander, P.G.
Senior Hydrogeologist
Registered, Georgia No. 1485

Thomas L. Lammons, P.G., CHMM
Principal Hydrogeologist
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THOMAS L. LAMMONS ★ GEORGIA REGISTERED PROFESSIONAL GEOLOGIST ★ No. 1093

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BLE INC.

TABLE OF CONTENTS

BLE INC.

Appendix B	Report of Regulatory Review Lists
Appendix C	GeoProbe® Soil Sampling Procedures
Appendix D	Laboratory Analytical Data

1.0 BACKGROUND PROJECT INFORMATION

The subject site is located at 72 Milton Avenue in Atlanta, Georgia (Figure 1). From 1911 to 1950 the site was used by Kitchens Brothers (feed and seed wholesaler), Hinson Coal Company, Inc. (coal pile storage), and Lawrence Smith Planing Mill, Inc. (lumber treating and drying). From 1950 to 2002 the site was solely used by Lawrence Smith Planing Mill, Inc. Currently, the site is unoccupied and consists of several wooden, metal, and brick structures, which were used during the lumber milling and drying processes.

The site is approximately 8.5-acres comprised of an office, garage, lumberyard, several sheds utilized for lumber storage, warehouse, planing mill, boiler facility, and a kiln (Figure 2). Additionally, remnants of a railroad spur are present on the southeastern portion of the site. The facility is currently abandoned and contains various debris piles of wood by-products. In the past, Lawrence Smith Planing Mill, Inc. sold treated and untreated lumber.

2.0 PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE

BLE conducted a Phase I Environmental Site Assessment (ESA) of the subject site in March 2002. Several areas of environmental concern were noted during the Phase I ESA. Additionally, BLE performed an update to the Phase I ESA during this assessment, which consisted of the following:

- A review of available environmental reports published by state and federal agencies to determine if the site or nearby properties are listed as having a present or past environmental problem, are under investigation, or are regulated by state or federal environmental regulatory agencies.

- A site and adjacent property reconnaissance for obvious indications of present or past activities that have or could contaminate the site.

2.1 Underground Storage Tanks

One 2,000-gallon diesel underground storage tank (UST) existed on the property from 1981 to 1998. The UST was located approximately 65 feet northeast of the site office. Georgia Atlantic Contractors, Inc. of Doraville, Georgia removed the tank and provided documentation for the tank closure. During the tank closure, three soil samples were collected from the UST excavation area for laboratory analysis. The results indicated minimal petroleum contamination in the UST area.

An update to the Phase I ESA indicated a suspected UST on the United States Plating and Bumper Service, Inc. site (a CERCIS site classified as NFRAP, also listed on the Georgia Hazardous Site Inventory with corrective action pending) located directly south of the subject property (the "USPBS site"). The suspected off-site UST is approximately 70 feet south of the former planing mill and is covered with concrete approximately 10' x 10' in dimension. A steel fill port protrudes from the concrete above the suspected UST location (Photographs 1 and 2, Appendix A).

2.2 Aboveground Storage Tanks

Two diesel aboveground storage tanks (AST) used for equipment fueling formerly existed on the property. The AST's (500-gallon and 1,000-gallon) were located outside, on the northern portion of the former planing mill. The tanks were located under a small wooden shed, each surrounded by a spill containment wall. An update to the Phase I ESA indicated a pool of liquid was present within the former 1,000-gallon AST's spill containment wall. The liquid was noted as having a moderate diesel fuel odor (Photographs 3 and 4, Appendix A).

A third AST formerly existed underneath the mill shear shed, approximately 10 feet south of the mechanics garage. No petroleum staining was evident during the updated Phase I ESA (Photograph 5, Appendix A).

A fourth AST was documented during the updated Phase I ESA. The elevated AST was present within the former kiln facility and contained an unknown product. Petroleum hydrocarbon vapors were detected in the air space near the AST, but no staining was observed on the tank or concreted ground surface (Photographs 6, Appendix A).

2.3 Ground Surface Staining

The updated Phase I ESA indicated oil saturated sawdust near a walkway located in the northeastern corner of the former planing mill. Additionally, small areas of oil saturated soil were noted inside of the former planing mill (Photographs 7 and 8, Appendix A).

The updated Phase I ESA also indicated oil seeping from wooden planks above the kiln facility. Upon further inspection, it was determined that the pulley for the ventilation system was leaking lubrication oil. The pulley is located in a small room above the kiln, on the western side of the building. Minor oil staining was apparent on the concrete surface below the pulley, but no apparent pathways to the exposed soil around the structure were noted (Photographs 9, 10, and 11 Appendix A).

2.4 Regulatory Listed Facilities and Landfills

BLE evaluated potential environmental hazards in the vicinity of the site by reviewing readily available lists published by the Environmental Protection Agency (EPA) and the Georgia Environmental Protection Division (GAEPD). Environmental Data Resources, Inc. (EDR) compiles and maintains up-to-date databases of federal and state environmental records that were utilized. Please note that regulated sites identified by the database search only included properties known to be contaminated or to have the potential for contamination due to generation or handling of hazardous materials. The radius of our search followed ASTM E 1527-00 for recommended minimum search distances, as follows:

Federal Databases:	
CERCLA	1 mile
NPL	1.5 mile
RCRIS/TSD	1 mile
RCRA generators	property and adjoining sites
ERNS	property and adjoining sites

Georgia (State) Databases:	
State NPL (State HSDS and SHWS)	1 mile
Solid waste landfills (LF)	1/2 mile
LUST	1/2 mile
UST	property and adjoining sites

A detailed report of findings is provided in Appendix B.

3.0 PHASE II ASSESSMENT

A GeoProbe® direct push (DP) rig was mobilized to the site on August 7th and 11th to collect ground water and soil samples from areas near recognized environmental concerns (Figure 2). Five GeoProbe® DP soil borings and one hand auger soil boring were performed at the subject site. Samples from each soil boring were screened in the field at 1-foot intervals utilizing a calibrated organic vapor meter [MiniRae Professional Photoionization Detector (PID)]. Samples were collected for laboratory analysis based on field screening results. GeoProbe® soil sampling procedures are in Appendix C.

Ground-water samples were collected from the GeoProbe® borings through 1-inch diameter, schedule 40 polyvinyl chloride (PVC) casing with flush-threaded joints, installed into 2 ¼-inch diameter direct push boreholes. The bottom 10-foot section of each run of casing was a manufactured PVC screen with 0.010-inch wide machined slots. The PVC piping was installed into the 2 ¼-inch diameter direct push borings in order to obtain ground-water samples with greater ease. Ground water was removed from the PVC piping with ¾-inch diameter polyethylene disposable bailers attached to an unused nylon rope. To minimize the potential for cross-contamination between sample collections, a new clean bailer was used for each boring. Due to the shallow depth of bedrock throughout the central and eastern portions of the property, ground-water samples were unable to be obtained from several boring locations.

The collected soil and ground-water samples were submitted to a Georgia certified environmental laboratory for analyses specific to the type of contamination anticipated in the area of concern. Analyses include; volatile organic compounds (VOC) and semi-volatile organics by EPA Methods 8260B and 8270C, the 8 RCRA Metals (total and dissolved) by EPA 6000 and 7000 methods, oil and

grease by EPA Method 9070, total petroleum hydrocarbons (TPH) diesel range organics (DRO) by EPA Method 3550, cyanide by EPA Method 9012, nickel by EPA Method 6010B, and hexavalent chromium by EPA Method 7196A. Samples were not analyzed for each of these parameters, but analyses were varied based on the source areas, as described below:

Sampling locations shown in bold were submitted to the laboratory for analysis. Refer to Figure 2 for sample locations.

GP-1 (4-6) – A subsurface soil sample was collected from 4-6 feet below ground surface (bgs) on the southeastern side of the lumber shed directly adjacent to the United States Plating and Bumper Service, Inc. Superfund site. Known concentrations of chromium and nickel contamination exist in the soils at the Superfund site. No odors or discoloration were noted, but slightly elevated PID field screening results were indicated at shallower depths. Subsurface soil lithologies consist of concrete and gravel at the surface, to reddish-brown, micaceous, fine to medium sandy silt at depth. The total depth of the boring was 15 feet bgs. The sample was submitted for laboratory analysis of VOCs, semi-VOCs, 8 RCRA metals, cyanide, nickel, and hexavalent chromium.

GP-2 (8-9) – A subsurface soil sample was collected from 8-9 feet bgs in the area around the former 2,000-gallon UST. The location of the former UST was determined from field notes presented in the UST closure report and also by noting a visible change in the texture of concrete throughout that particular location. Subsurface soil lithologies consist of concrete and gravel at the ground surface to intermixed layers of gray-brown and reddish brown, micaceous, sandy silts and silty sands. Additionally, several quartz lenses were encountered throughout the boring, and partially weathered rock (PWR) was encountered at depth. The total depth of the boring was 15 feet bgs. The sample was submitted for laboratory analysis of VOCs, semi-VOCs, and 8 RCRA metals.

GP-3 (8-10) – A subsurface soil sample was collected from 8-10 feet bgs in the area of the former 500-gallon and 1,000-gallon diesel ASTs. The boring was advanced through a ½-inch crack in the concrete paving directly north of the former ASTs. Apparent diesel fuel odors were noted by field personnel from 8-10 feet bgs. The subsurface soils consisted of concrete and gravel at the surface to intermixed zones of reddish-brown and orangish-brown, micaceous, sandy silts and silty sands with PWR at depth. The total depth of the boring was 20 feet bgs. No staining was noted on the ground

surface nor was discoloration in the subsurface soil apparent. The soil sample was submitted for laboratory analysis of VOCs, semi-VOCs, and 8 RCRA metals.

GP-4 (9-10) – A subsurface soil sample was collected from 9-10 feet bgs in the area of the former AST, adjacent to the mechanics garage. The boring was performed slightly downgradient of the former AST through a ½-inch crack in the concrete paving. Subsurface soils consisted of concrete at the surface to intermixed zones of reddish-brown, micaceous, sandy silts and silty sands. Reddish-brown sandy silt with slight clay and PWR was encountered at depth in the boring. The total depth of the boring was 15 feet bgs. No ground-surface staining, odors, subsurface soil discoloration, or elevated PID readings were observed. The sample was submitted for laboratory analysis of VOCs, semi-VOCs, and 8 RCRA metals.

GP-5 (8-10) – A subsurface soil sample was collected from 8-10 feet bgs in the area directly downgradient of the suspected UST on the USPBS Site. Subsurface lithologies consisted of brown and reddish-brown, micaceous, sandy silts and silty sands throughout the entire borehole. Several small quartz lenses were encountered throughout the boring and PWR was encountered at depth. The total depth of the boring was 25 feet bgs. No odors, discoloration or elevated PID field screening results were noted. The sample was submitted for laboratory analysis of VOCs, semi-VOCs, 8 RCRA metals, cyanide, and nickel.

B-1 (2) – A subsurface soil sample was collected at 2 feet in the former planing mill where oil saturated soil and sawdust were noted. Apparent motor oil and fuel oil odors were noted in the area of the boring. The boring was hand augered to a depth of two feet bgs and a soil sample was collected and submitted to the laboratory for analysis of oil and grease and TPH DRO. The sample was collected at a depth below visible soil staining.

GPW-1 – A ground-water sample was collected on the southeastern side of the lumber shed directly adjacent to the USPBS Site. Known concentrations of chromium and nickel contamination exist in the soils at the USPBS Site. This sample was collected by Geoprobe and thus very turbid. The sample was submitted for laboratory analysis of VOCs, semi-VOCs, 8 RCRA metals (total and dissolved), cyanide, nickel (total and dissolved), and hexavalent chromium. Ground water in GPW-1 was encountered at approximately 28.5 feet bgs and the total depth of the boring was 34 feet bgs.

GPW-2 – Ground water GeoProbe® borings were attempted directly east of the upper yard lumber storage building, in the northeastern corner of the property. Probe refusal occurred at 27 feet below ground surface (bgs) in two separate borings in this area. No ground-water was encountered in the borings, therefore no samples were collected for laboratory analysis.

GPW-3 – Ground water GeoProbe® borings were attempted in the area of the former 500-gallon and 1,000-gallon diesel ASTs. Three separate borings were attempted in this area, with probe refusal from 17 to 19 feet bgs. Ground-water was not encountered in the borings, but there was an apparent diesel fuel odor emanating from the probe rods after retraction from the boreholes. Due to lack of ground-water, no samples were collected for laboratory analysis.

GPW-4 – Ground water GeoProbe® borings were attempted in the area downgradient of the former AST, adjacent to the mechanics garage. Two separate borings were performed within a section of cracked concrete slightly downgradient of the former AST. Probe refusal occurred at 12 feet bgs in the two borings and no ground water was encountered. Samples were not collected for laboratory analysis.

GPW-5 – A GeoProbe® ground water boring was attempted directly in front of the former office adjacent to Milton Avenue. Probe refusal occurred at 24 feet bgs and no ground water was encountered. Therefore, no samples were collected for laboratory analysis.

GPW-6 – A ground-water sample was collected from the northwestern portion of the property, directly behind the northernmost lower yard lumber storage building. This sample was collected by Geoprobe and thus very turbid. The sample was submitted for laboratory analysis of VOCs, semi-VOCs, and the 8 RCRA metals (total). Ground water in GPW-6 was encountered at approximately 19 feet bgs and the total depth of the boring was 27 feet bgs.

GPW-7 – A GeoProbe® ground water boring was attempted in the area around the former 2,000-gallon diesel UST. The location of the former UST was determined from field notes presented in the UST closure report and also by noting a visible change in the texture of concrete paving throughout that particular location. Probe refusal occurred at 23 feet bgs and no ground water was encountered. No samples were collected for laboratory analysis.

GPW-8 – A ground-water sample was collected in the area directly downgradient of the suspected UST on the United States Plating and Bumper Service, Inc. Superfund site. This sample was collected by Geoprobe and thus very turbid. The sample was submitted for laboratory analysis of VOCs, semi-VOCs, 8 RCRA metals (total and dissolved), and cyanide. Ground water in GPW-8 was encountered at approximately 26 feet bgs and the total depth of the boring was 30 feet bgs (refusal).

GPW-9 – Ground water GeoProbe® borings were attempted along the railroad spur on the southern portion of the property. Probe refusal occurred at 12 feet bgs and 12.5 feet bgs in two separate borings within this area. No ground water was encountered and no samples were collected for laboratory analysis.

GPW-10 – A ground-water sample was collected from a location downgradient of the boiler facility (north-central portion of the property). This sample was collected by Geoprobe and thus very turbid. The sample was submitted for laboratory analysis of VOCs, semi-VOCs, and the 8 RCRA metals (total). Ground water was encountered at approximately 9.5 feet bgs in GPW-10 and the total depth of the boring was 38.5 feet bgs (refusal).

GPW-11 – A ground-water sample was collected from southwestern corner of the kiln facility. Additionally, this location is downgradient from the former 2,000-gallon diesel UST. This sample was collected by Geoprobe and thus very turbid. The sample was submitted for laboratory analysis of VOCs and the 8 RCRA metals (total). Sufficient ground water for semi-VOCs analysis was unable to be collected due to lack of water production in the boring. Ground water was encountered in GPW-11 at 16.5 feet bgs and the total depth of the boring was 20 feet bgs (refusal).

4.0 LABORATORY ANALYSIS

4.1 Soil Sample Analysis Results

In the field, the VOC soil samples were placed in laboratory prepared 40-milliliter (ml) glass vials with Teflon® lined lids and marked with identifying numbers. The VOC samples were preserved using methanol and sodium bi-sulfate. Samples for semi-VOCs, metals, cyanide, oil and grease, and TPH were placed in unpreserved, laboratory provided 4-ounce amber glass jars and marked with identifying numbers. Sample containers were maintained at approximately 4° Celsius in a refrigerated sample

cooler until delivery to the laboratory. The sample cooler was shipped to Test America, Inc., in Nashville, Tennessee via overnight courier for analysis.

Laboratory analysis of soil samples from borings GP-1, -2, -3, and -4 detected various total metals at concentrations below Georgia notification concentrations[1]. Acetone was detected in borings GP-1 and GP-5 at concentrations well below Georgia notification concentrations. Additionally, boring B-1 detected concentrations of oil and grease and TPH, but no regulatory limit has been established for these constituents. Soil analytical results are presented on Table 1. Laboratory analytical data sheets are in Appendix D.

4.2 Ground-Water Sample Analysis Results

In the field, the ground-water VOC samples were place in laboratory prepared 40-ml glass vials with Teflon® lined lids and marked with identifying numbers. The ground-water VOC samples were preserved using hydrochloric acid (HCL). Samples for semi-VOCs and hexavalent chromium were placed in laboratory provided, unpreserved liter amber jars. Samples for total metals were placed in laboratory prepared 100-ml plastic containers and preserved with nitric acid (HNO3). Samples for cyanide were placed in laboratory prepared 100-ml plastic containers and preserved with sodium hydroxide (NaOH). Finally, samples for dissolved metals were placed in unpreserved, laboratory provided, 100-ml plastic containers. The samples for dissolved metals were filtered and preserved in the laboratory. Sample containers were maintained at approximately 4° Celsius in a refrigerated sample cooler until delivery to the laboratory. The sample cooler was shipped to Test America, Inc., in Nashville, Tennessee via overnight courier for analysis.

Concentrations of various total metals (arsenic, barium, chromium, lead, mercury, nickel, and selenium), VOCs (MTBE, chlorobenzene, and 1,4-dichlorobenzene), and cyanide were detected from ground-water samples obtained from GPW-1, -6, -8, -10, and -11. Concentrations of total metals above maximum contaminant levels[2] (MCLs) include barium in GPW-1 and GPW-10, chromium in

[1] Appendix I, Rules of Georgia Department of Natural Resources Environmental Protection Division, Chapter 391-3-19: Hazardous Site Response.

[2] Primary Maximum Contaminant Levels for Drinking Water, Amended 1/2003 under 391-3-5-.18, Rules of Georgia Department of Natural Resources Environmental Protection Division. Chapter 391-3-5: Rules for Safe Drinking Water.

GPW-1, -10, and -11, lead in GPW-1, -6, -8, -10, and -11, mercury in GPW-1, and nickel in GPW-1. These increased concentrations of total metals above MCLs are mostly likely due to high sample turbidity in the ground-water samples. Metal cations typically adsorb to the surface of platy particles (clay and silt), therefore, turbidity of the ground-water samples will relate to detected concentrations of the metal cations. Ground-water samples from GPW-1 and GPW-8 were analyzed for dissolved metals, which better represent natural ground water conditions without interference from turbidity. As a result, the dissolved metals analysis indicated concentrations much lower than total metals concentrations, which represent background. Concentrations of dissolved metals (including hexavalent chromium) were not detected or were detected below MCLs for each constituent.

Minor concentrations of VOCs (MTBE in GPW-6 and chlorobenzene and 1,4-dichlorobenzene in GPW-8) were detected at the site. Concentrations of these VOCs were detected below MCLs for chlorobenzene and 1,4-dichlorobenzene. MCLs have not been established for MTBE. Additionally, concentrations of cyanide were detected significantly above MCLs in GPW-1, which could be false positives due to excess sample turbidity. Ground-water analytical results are presented on Table 2. Laboratory analytical data sheets are in Appendix D.

5.0 RESULTS OF LABORATORY ANALYSIS

Concentrations of acetone (GP-1 and GP-5) and various metals (GP-1 through GP-5) were detected in soil samples collected from the site. However, the concentrations of these compounds were present at levels below regulatory notification limits. The detected concentrations of metals are most likely naturally occurring. Acetone may be present as a laboratory artifact. Further action is not recommended.

The concentrations of petroleum hydrocarbons in sample B-1 indicate that a release has affected the soil in the area of the former planing mill. The state of Georgia does not have an established action level for these analytical results, and further action is not recommended.

Concentrations of several VOCs detected, including chlorobenzene (GPW-8), 1,4-dichlorobenzene (GPW-8), and MTBE (GPW-6) were in the shallow ground-water table at the site. Concentrations of chlorobenzene and 1,4-dichlorobenzene were detected below Georgia MCLs. An MCL has not been established for MTBE. The results indicate that the site's ground-water has been minimally impacted

by a release of petroleum products (gasoline or diesel fuels) downgradient from the USPBS Site. Further action is not recommended.

Concentrations of several total metals including barium, chromium, lead, mercury, and nickel were detected in the site's ground-water at concentrations exceeding MCLs. However, analyses of dissolved concentrations of the same metals indicate that the high total metals concentrations are likely false positives, probably resulting from sample turbidity. The presence of hexavalent chromium is consistent with concentrations of plating metals found on the adjacent USPBS Site. Hexavalent chromium is typically found in chrome plating processes, but the results may have been impacted by sample turbidity.

Concentrations of cyanide, in sample GPW-1 exceed MCLs, however, the results may also have been impacted by sample turbidity.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Petroleum contaminated soil was observed in the field in boring GP-3 (8-10 feet), although laboratory analyses did not detect VOCs or semi-VOCs in these samples. From the field observations of staining and odors, we assume that non-specific aromatic and aliphatic hydrocarbons are present. These compounds are not targeted in standard VOC and semi-VOC analyses but are typically present in soils from weathered petroleum product. No further assessment action is recommended.

Although not required for regulatory compliance, we recommend the removal and proper disposal of the soils in B-1 area and of the pools of petroleum liquids in the spill containment for the former 1,000-gallon AST. Additionally, we recommend clean up of the various oil spills observed at the site (and documented herein).

The presence of metals in the soil does not appear to be problematic. However the concentrations of total metals detected in the ground water technically exceed the MCLs, even though the dissolved concentrations are below MCLs. Additionally, the presence of hexavalent chromium and total nickel are consistent with the plating operations that occurred on the adjacent USPBS Site. Further analysis of non-turbid groundwater samples is recommended to confirm that the total metals results are false

positives due to turbidity in the field samples. Otherwise, the results should be submitted to the Georgia Environmental Protection Division (GAEPD) for review and comment.

The concentration of cyanide in sample GPW-1 exceeds MCLs. The presence of cyanide is consistent with the cyanide-copper (undercoating) that is applied prior to chrome/nickel plating. As with metals, further analysis of non-turbid ground-water samples is recommended to confirm that the cyanide results are false positives due to turbidity in field samples. Otherwise the cyanide data should also be submitted to the GAEPD for review and comment.

7.0 QUALIFICATIONS OF REPORT

The activities and evaluative approaches used in this assessment are consistent with those normally employed in projects of this type. Our evaluation of site conditions has been based on our understanding of the site and project information, and the data obtained in our exploration.

Regardless of the thoroughness of an environmental site assessment, there is always the possibility that conditions between borings will be different from that at the specific boring location due to the variability of subsurface conditions. Therefore, it was not possible to identify all conceivable forms of contamination at this site. The primary objective was to perform sufficient work to assess specific areas of concern that were identified during a Phase I of the subject site. It was not the purpose of this evaluation to fully define the degree or extent of all forms of contamination.

This report my be relied on by the addressee, any entity in which addressee or Eric D. Ranney is directly or indirectly a principal, and any lender to any of the foregoing.

TABLES

Table 1
Soil Samples
Detected Compounds
Milton Avenue Phase II ESA
Atlanta, Georgia
BLE Job Number J03-2440-02

Compound	Method	Units	Regulatory Limit	Date Sampled August 11, 2003 GP-1 (4-6)	GP-2 (8-9)	GP-3 (8-10)	GP-4 (9-10)	GP-5 (8-10)	B-1 (2)
Acetone	8260B	µg/kg	2,740	42.9	ND	ND	ND	51.1	NT
Chlorobenzene	8260B	µg/kg	NA	ND	ND	ND	ND	ND	NT
1,4-Dichlorobenzene	8260B	µg/kg	NA	ND	ND	ND	ND	ND	NT
MTBE	8260B	µg/kg	NA	ND	ND	ND	ND	ND	NT
Various Compounds	8270C	µg/kg	NA	ND	ND	ND	ND	ND	NT
Arsenic, Total	6010B	µg/kg	20,000	ND	ND	1,930	ND	1,570	NT
Arsenic, Dissolved	6010B	µg/kg	NA	NA	NA	NA	NA	NA	NT
Barium, Total	6010B	µg/kg	1,000,000	223,000	183,000	180,000	93,100	150,000	NT
Barium, Dissolved	6010B	µg/kg	NA	NA	NA	NA	NA	NA	NT
Cadmium, Total	6010B	µg/kg	2,000	ND	ND	ND	ND	ND	NT
Cadmium, Dissolved	6010B	µg/kg	NA	NA	NA	NA	NA	NA	NT
Chromium, Total	6010B	µg/kg	100,000	38,900	18,600	40,800	34,300	16,500	NT
Chromium, Dissolved	6010B	µg/kg	NA	NA	NA	NA	NA	NA	NT
Chromium, Hexavalent	7196A	µg/kg	NA	ND	NT	NT	NT	NT	NT
Lead, Total	6010B	µg/kg	75,000	6,850	7,960	11,400	9,270	9,840	NT
Lead, Dissolved	6010B	µg/kg	NA	NA	NA	NA	NA	NA	NT
Mercury, Total	7470A	µg/kg	500	ND	ND	ND	ND	ND	NT
Mercury, Dissolved	7470A	µg/kg	NA	NA	NA	NA	NA	NA	NT
Nickel, Total	6010B	µg/kg	50,000	10,600	NT	NT	NT	2,760	NT
Nickel, Dissolved	6010B	µg/kg	NA	NA	NT	NT	NT	NT	NT
Selenium, Total	6010B	µg/kg	2,000	ND	ND	ND	ND	ND	NT
Selenium, Dissolved	6010B	µg/kg	NA	NA	NA	NA	NA	NA	NT
Silver, Total	6010B	µg/kg	2,000	ND	ND	ND	1,180	ND	NT
Silver, Dissolved	6010B	µg/kg	NA	NA	NA	NA	NA	NA	NT
Cyanide	9012A	µg/kg	NA	ND	NT	NT	NT	ND	NT
TPH-DRO	3550/8015	µg/kg	NE	NT	NT	NT	NT	NT	367,000
Oil & Grease	9071	µg/kg	NE	NT	NT	NT	NT	NT	1,250,000

Notes:
NA - Not applicable
ND - Not detected at the method detection limits
NT - Not tested
µg/kg - micrograms per kilogram (ppb)
Sample interval (eg 4-6) are in feet below ground surface
Regulatory Limits for Metals from:
Type 1 - Risk Reduction Standards under 391-3-19-.07 Table 2, Appendix III, Rules of Georgia Department of Natural Resources Environmental Protection Division, Chapter 391-3-19: Hazardous Site Response)
Regulatory Limits for Acetone from:
Type 1 - Risk Reduction Standards under 391-3-19-.07 Appendix I, Rules of Georgia Department of Natural Resources Environmental Protection Division, Chapter 391-3-19: Hazardous Site Response)

Prepared by:
Checked by:

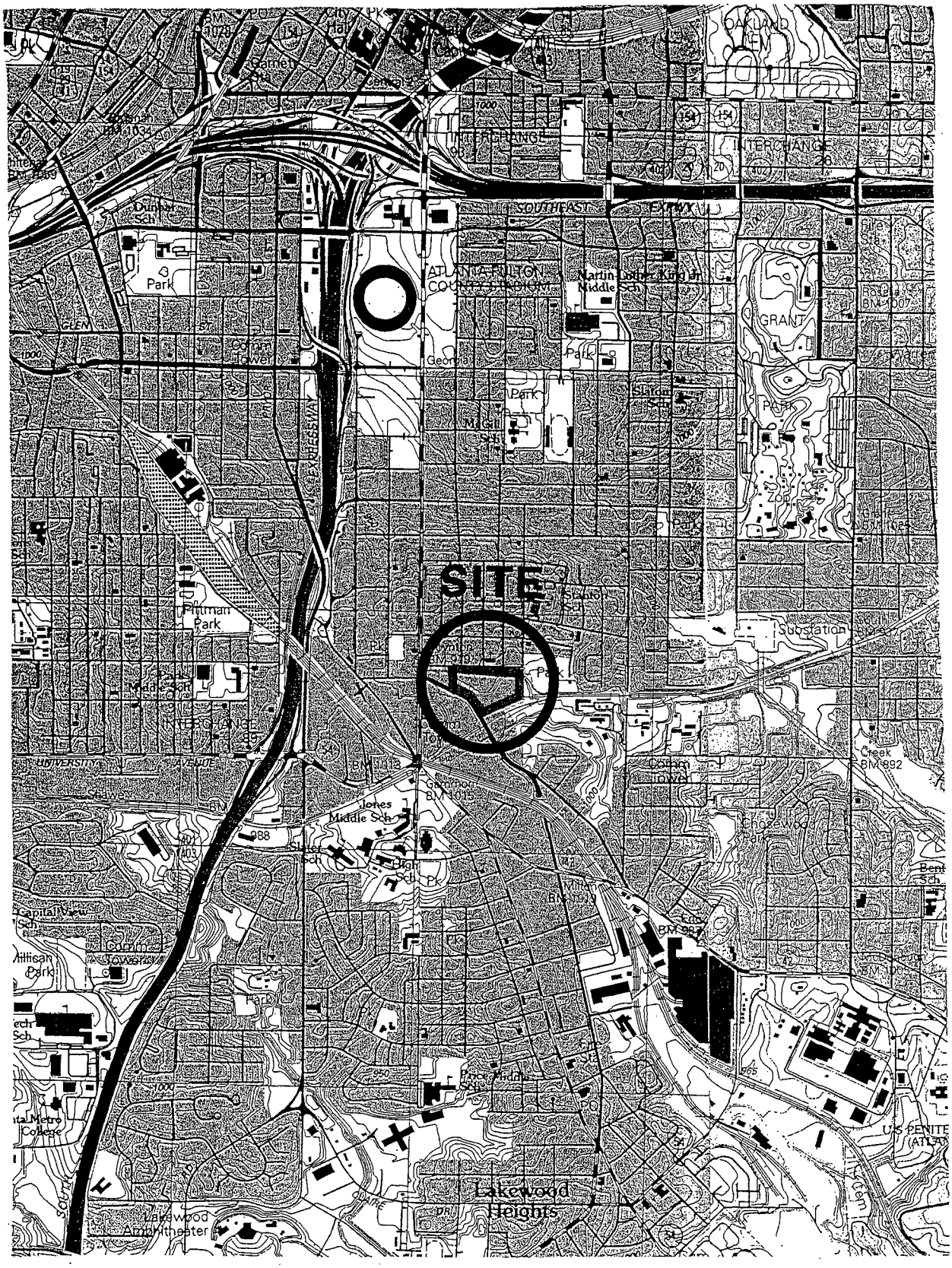
Table 2
Ground Water Samples
Detected Compounds
Milton Avenue Phase II ESA
Atlanta, Georgia
BLE Job Number J03-2440-02

				Date Sampled August 11, 2003				
Compound	Method	Units	MCL	GPW-1	GPW-6	GPW-8	GPW-10	GPW-11
Acetone	8260B	µg/l	NE	ND	ND	ND	ND	ND
Chlorobenzene	8260B	µg/l	100	ND	ND	1.2	ND	ND
1,4-Dichlorobenzene	8260B	µg/l	75	ND	ND	1.80	ND	ND
MTBE	8260B	µg/l	NE	ND	2.0	ND	ND	ND
Various Compounds	8270C	µg/l	NA	ND	ND	ND	ND	NT
Arsenic, Total	6010B	µg/l	50	42.0	ND	13.0	24.0	28.0
Arsenic, Dissolved	6010B	µg/l	NE	ND	NT	ND	NT	NT
Barium, Total	6010B	µg/l	2,000	4,610	412	760	3,270	1,490
Barium, Dissolved	6010B	µg/l	NE	56.0	NT	292	NT	NT
Cadmium, Total	6010B	µg/l	5	ND	ND	ND	ND	ND
Cadmium, Dissolved	6010B	µg/l	NE	ND	NT	ND	NT	NT
Chromium, Total	6010B	µg/l	100	708	93.0	46.0	624	154
Chromium, Dissolved	6010B	µg/l	NE	ND	NT	ND	NT	NT
Chromium, Hexavalent	7196A	µg/l	NE	13.0	NT	NT	NT	NT
Lead, Total	6010B	µg/l	15	335	24.0	35.0	209	106
Lead, Dissolved	6010B	µg/l	NE	ND	NT	ND	NT	NT
Mercury, Total	7470A	µg/l	2	3.07	ND	ND	ND	ND
Mercury, Dissolved	7470A	µg/l	NE	ND	NT	ND	NT	NT
Nickel, Total	6010B	µg/l	100	186	NT	32.0	NT	NT
Nickel, Dissolved	6010B	µg/l	NE	12.0	NT	18.0	NT	NT
Selenium, Total	6010B	µg/l	50	29.0	11.0	ND	22.0	ND
Selenium, Dissolved	6010B	µg/l	NE	ND	NT	ND	NT	NT
Silver, Total	6010B	µg/l	100	ND	ND	ND	ND	ND
Silver, Dissolved	6010B	µg/l	NE	ND	NT	ND	NT	NT
Cyanide	9012A	µg/l	200	799	NT	ND	NT	NT

Notes:
NE - Not established
ND - Not detected at the method detection limits (see Appendix D)
NT - Not tested
µg/l - micrograms per liter (ppb)
MCL - Maximum Contaminant Level
Regulatory limits from Georgia Rule 391-3-5 for Drinking Water

Prepared by: JH
Checked by: AWA

FIGURES



2000 1000 0 2000 4000

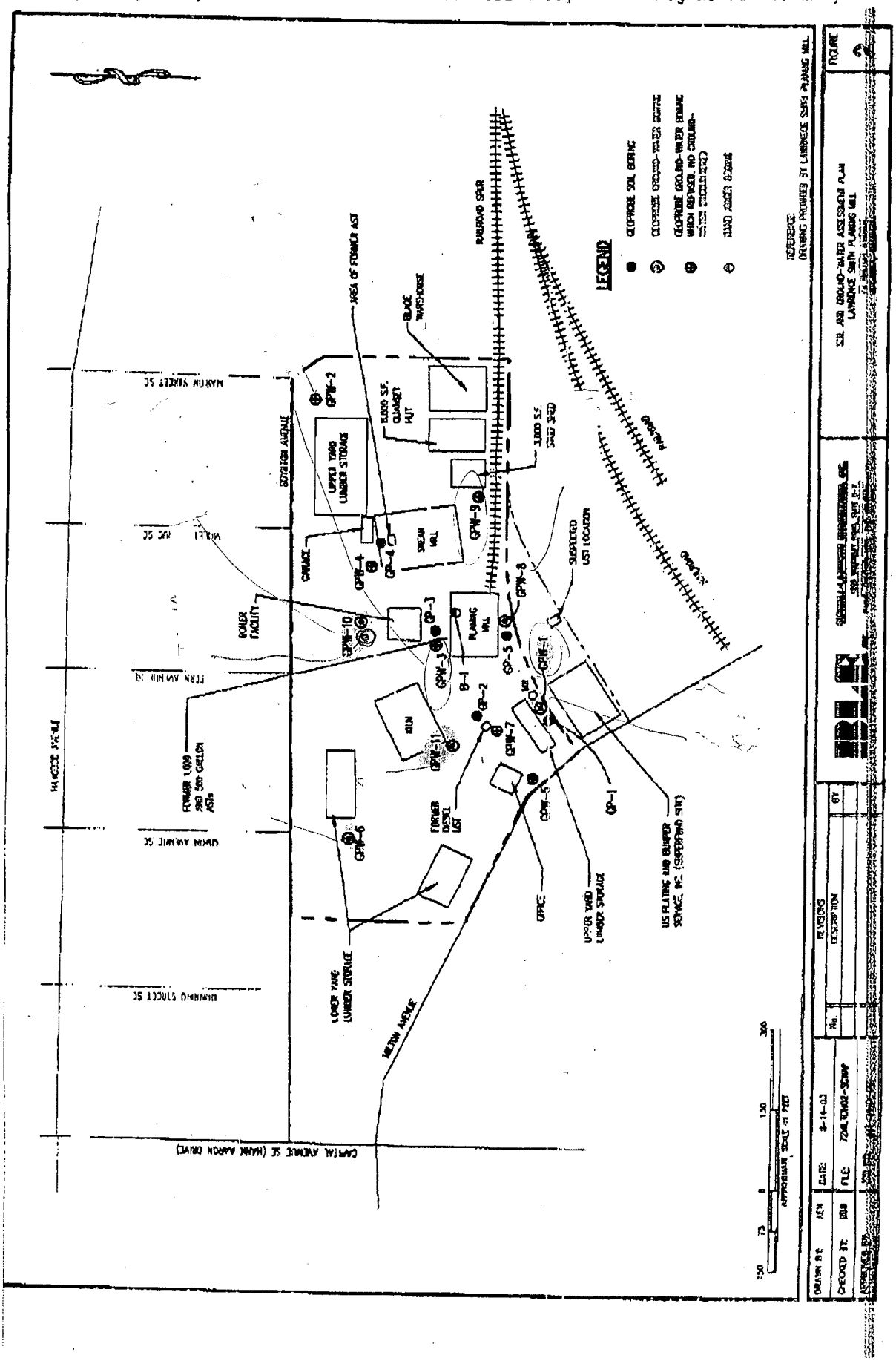
APPROXIMATE SCALE IN FEET

REFERENCE:
USGS TOPOGRAPHIC MAP, 7.5 MINUTE SERIES, SOUTHWEST ATLANTA AND SOUTHEAST ATLANTA QUADRANGLES, 1997 AND 1993.

DRAWN: AEH	DATE: 08-05-03	BLE INC. BUNNELL-LAMMONS ENGINEERING, INC. 1200 WOODRUFF ROAD, SUITE B-7 GREENVILLE, SOUTH CAROLINA 29607 PHONE: (864)288-1265 FAX: (864)288-4430	FIGURE
CHECKED: TLL	CAD: 72MILTON02-SLM	SITE LOCATION MAP 72 MILTON AVENUE ATLANTA, GEORGIA	1
APPROVED:	JOB NO: J03-2440-02		

Received Fax : Aug 22 2003 4:37PM Fax Station : Ranney & Associates Pg : 15

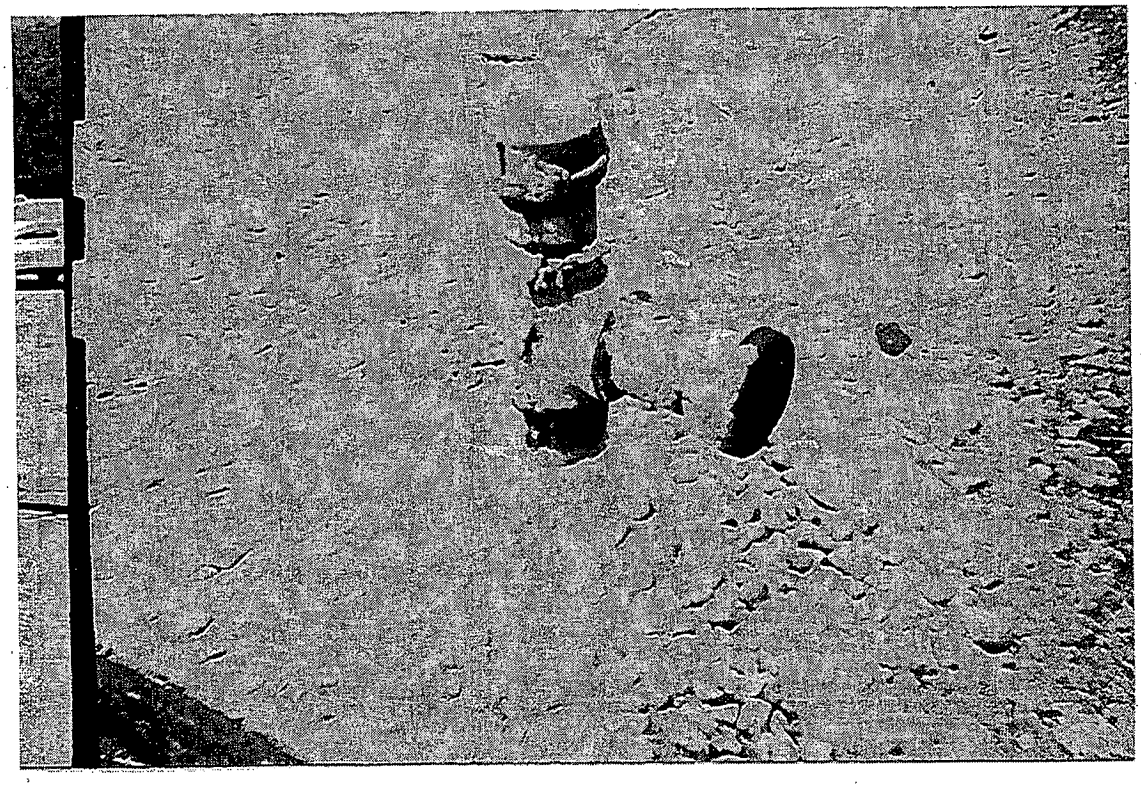
Sent By: BLE, Inc.; 864 288 4430; Aug-22-03 4:43PM; Page 15/15



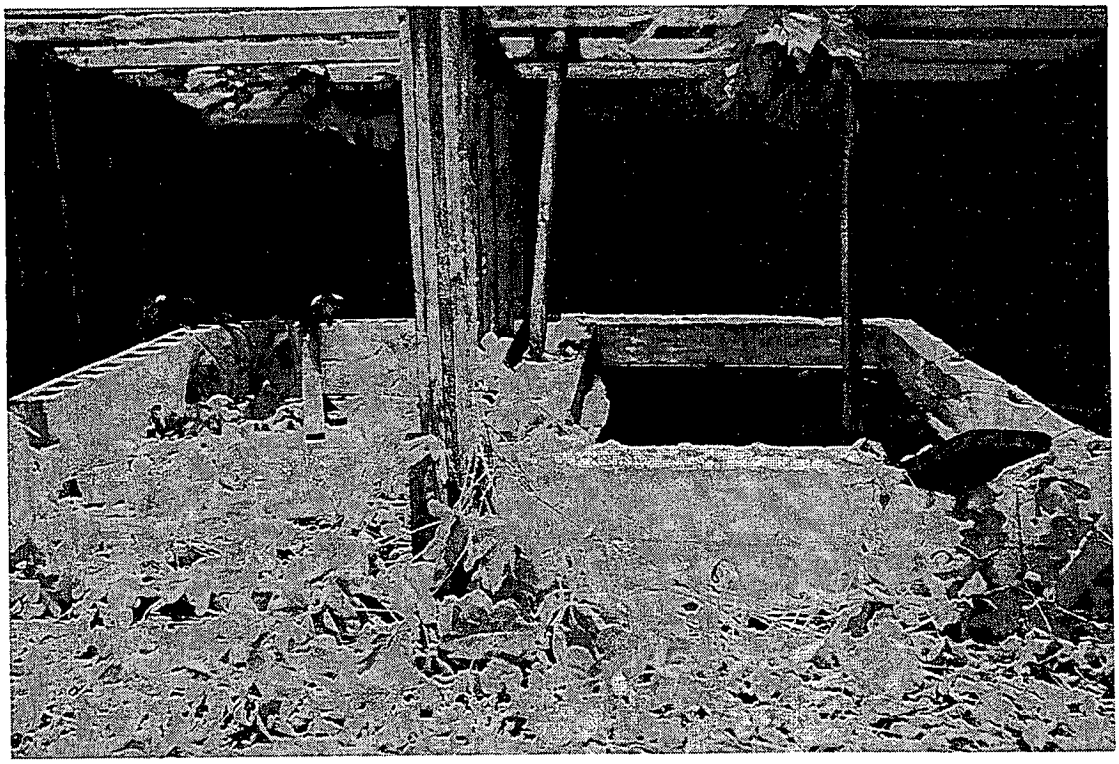
APPENDICES

APPENDIX A
PHOTOGRAPHS

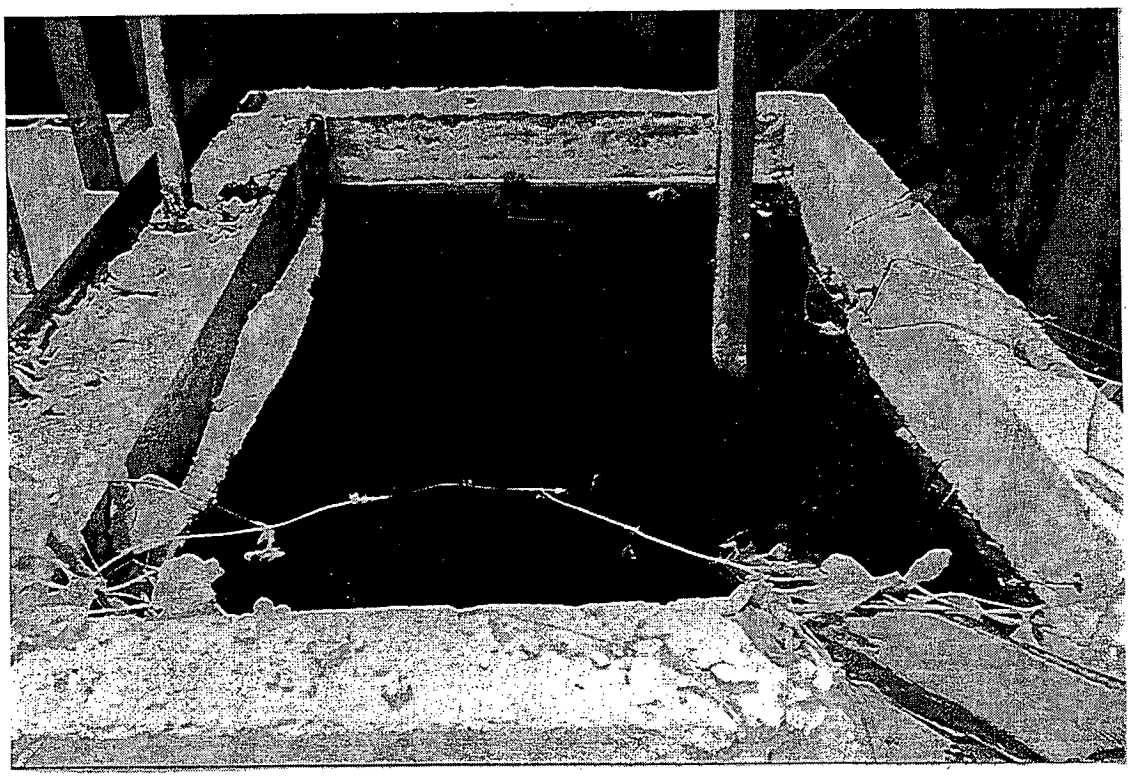
Photograph 1
View to the southwest of suspected UST on the United States Plating and Bumper Service, Inc. site. Note steel fill port protruding from the concrete, with Superfund burn building in the distance.



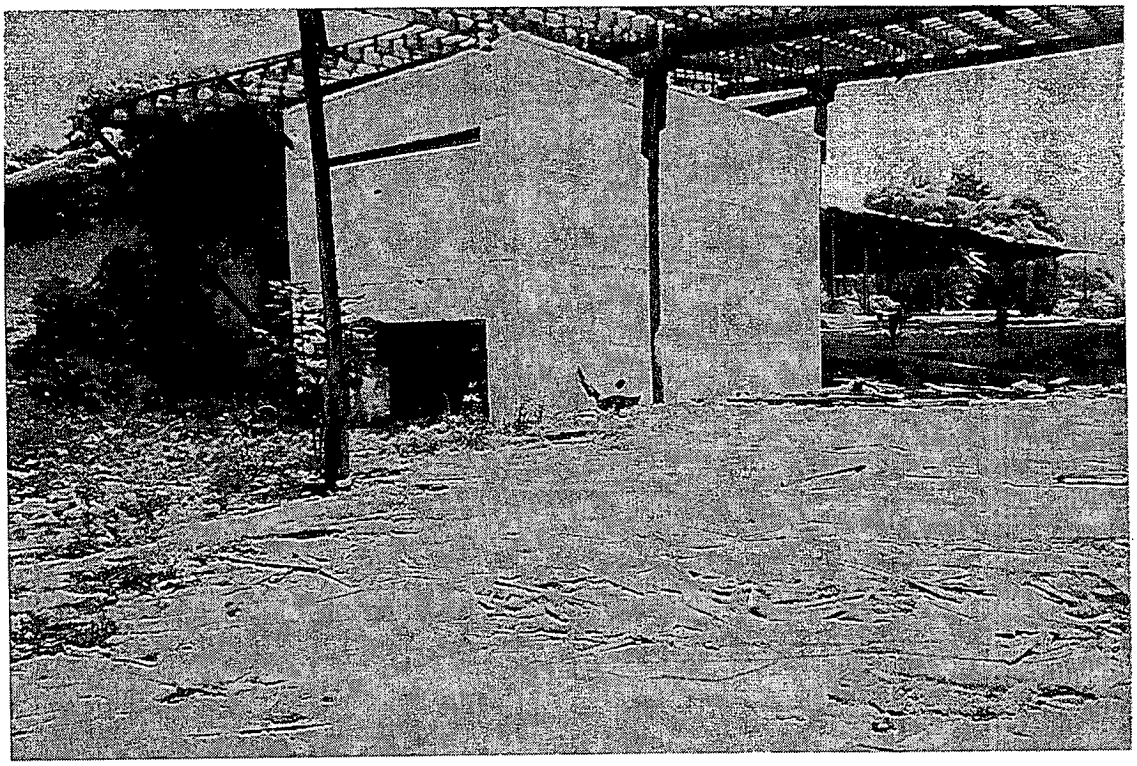
Photograph 2
Close-up view of steel fill port above suspected UST.



Photograph 3
View to the south of the former 500-gal and 1,000-gal AST locations. Note pool of black liquid within the former 1,000-gal spill containment wall.

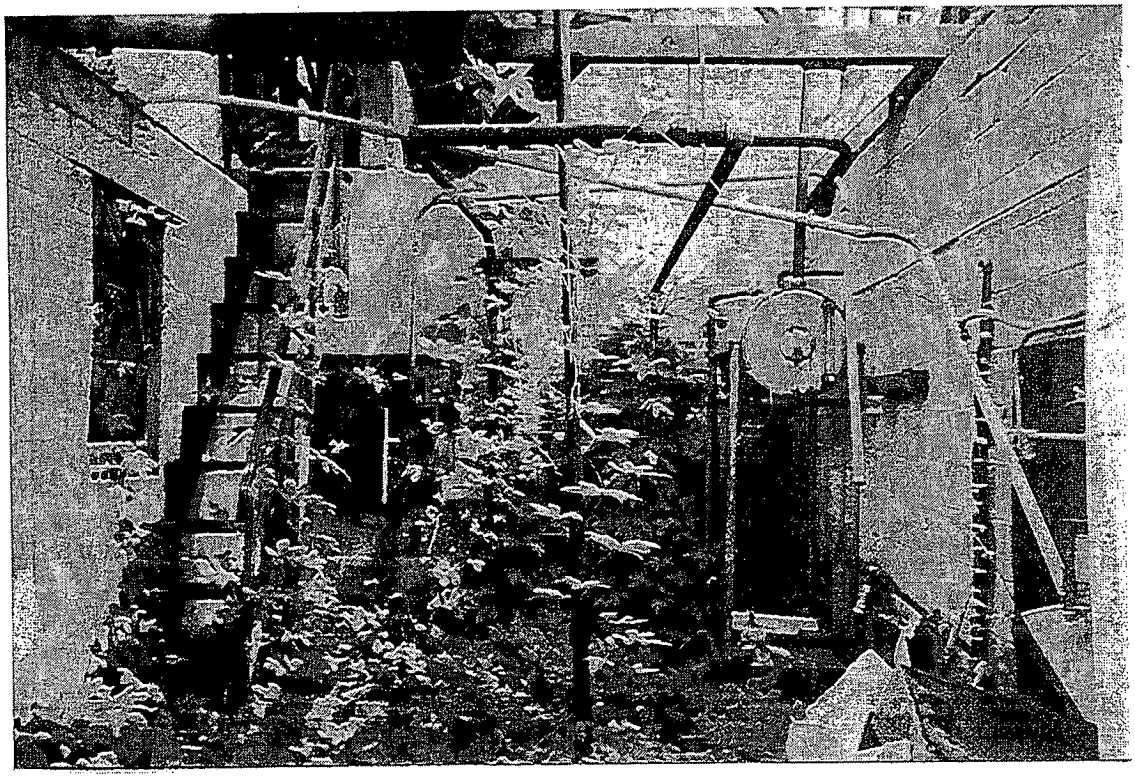


Photograph 4
Clos-up view of the pool of black liquid within the former 1,000-gal spill containment wall.



Photograph 5

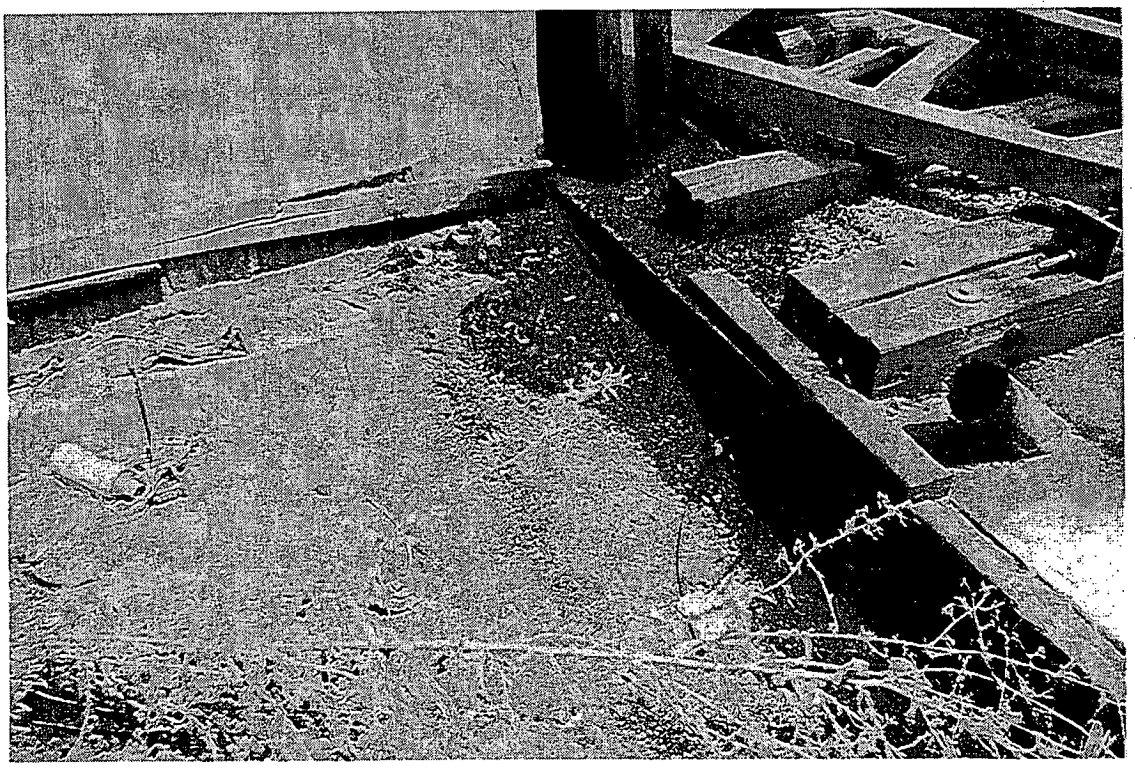
View to the east of the former motor oil AST location. Note mechanics garage in the background.



Photograph 6

View to the north-northwest of elevated AST locations within the former Kiln facility. Petroleum hydrocarbon vapors were noted in the air around the AST.

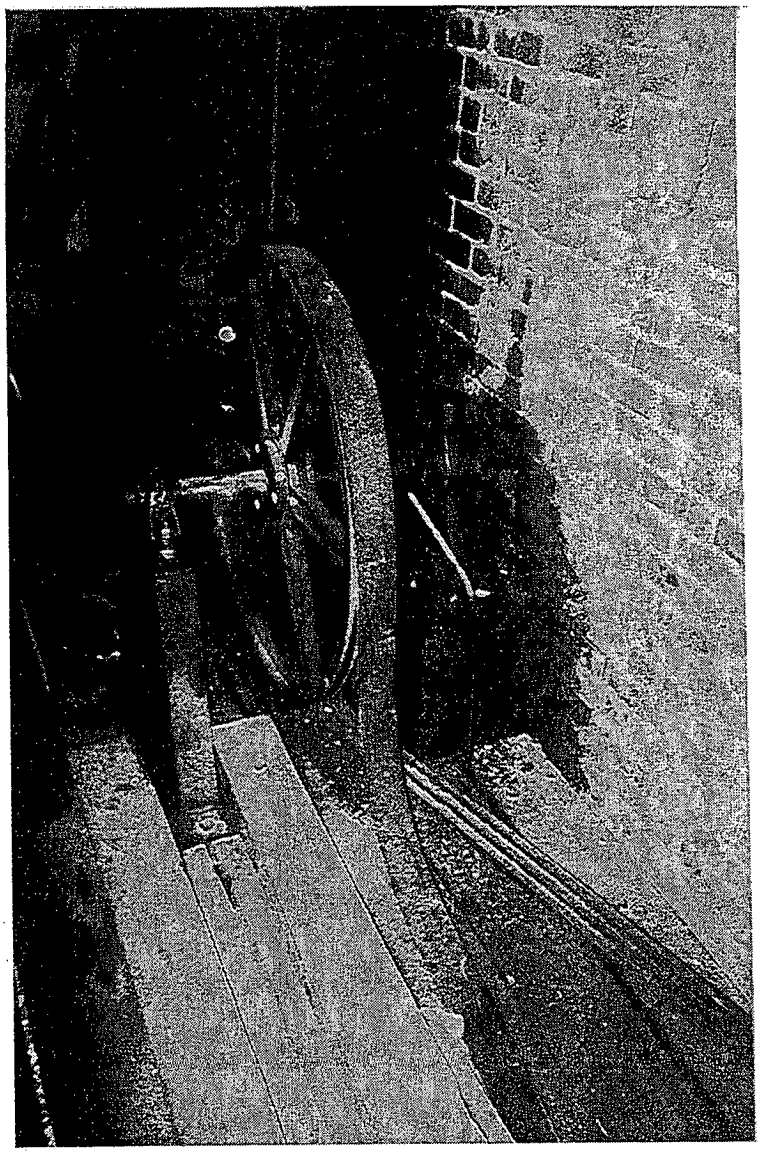
Photograph 7
View to the south from a walkway to the former Planing Mill. Note oil saturated sawdust and concrete.



Photograph 8
Facing north inside the former Planing Mill. Note the oil saturated sawdust and soil.

Photograph 9
View to the east of the former Kiln facility.

Photograph 10
Looking east into the former Kiln facility. Note the oil staining on the wooden planks and steel rods above the kiln.



Photograph 11
Inside a small room above the former Kiln. Note the lubrication oil on the wall and wooden planks below the pulley system.

APPENDIX B

REGULATORY REVIEW LISTS

EDR Database Report not included for the V-CSR

APPENDIX C

GEOPROBE® SOIL SAMPLING PROCEDURES

APPENDIX C

GEOPROBE® SAMPLING PROCEDURES

Soil Samples

Geoprobe*: A vehicle-mounted, hydraulically-powered soil probing machine that utilizes static force and percussion to advance small diameter sampling tools into the subsurface for collecting soil core, soil gas, or ground-water samples.

Macro-Core® Soil Sampler*: A 60-inch long x 2.0-inch diameter (1219 mm x 51 mm) soil sampler capable of recovering a sample that measures up to 1302 ml in volume in the form of a 45-inch x 1.5-inch (1143 mm x 38 mm) core. The Macro-Core® Sampler may be used for open-tube as well as closed-piston sampling.

Liner: A 60-inch long x 1.75-inch diameter (1168 mm x 44 mm) removable/replaceable, thin-walled tube inserted inside the Macro-Core® sampler tube for the purpose of containing and storing soil samples. Liner materials include stainless steel, Teflon®, and clear plastic (PETG).

In this procedure, the assembled Macro-Core Soil Sampler is attached to the leading end of a Geoprobe probe rod and driven into the subsurface using a Geoprobe soil probing machine. Additional probe rods are connected in succession to advance the sampler to depth.

From the ground surface, the Macro-Core Sampler is advanced 60 inches and retrieved from the hole with the first soil core. In stable soils, the open-tube sampler is inserted back down the same hole to obtain the next core. In unstable soils, which tend to collapse into the core hole, the Macro-Core Sampler can be equipped with a closed-piston point assembly.

A closed-piston tip is then installed and the sampler is inserted or driven back down the same hole. When the leading end of the sampler reaches the top of the next sampling interval, the piston tip is unlocked using extension rods inserted down the inside of the probe rods. Once the piston tip is relieved, the sampler is driven another 60 inches. Soil entering the sampler pushes the piston assembly to the top of the sample liner where it is retrieved upon removal of the soil core and liner.

The samples are removed from the Macro-Core Sampler by unscrewing the cutting shoe and pulling out the liner. If the closed-piston sampler is used, the piston assembly is retrieved from the end of the liner by placing a vinyl end cap on each end of the liner. Samples from each soil boring were screened in the field at 1-foot intervals utilizing a calibrated organic vapor meter MiniRae Professional Photoionization Detector (PID) to determine if VOCs are present in the soil. Undisturbed soil samples are obtained from Teflon® and PETG liners by splitting the liner. Samples collected for chemical analysis were placed in laboratory prepared sample jars.

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* Macro-Core® is a registered trademark of Kejr Engineering, Inc., Salina, Kansas

APPENDIX D

LABORATORY ANALYTICAL DATA

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

8/18/03 CASE NARRATIVE

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: MILTON AVE
Project Number: 2440-02.
Laboratory Project Number: 342677.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980.

Sample Identification	Lab Number	Collection Date
GPW-1	03-A124614	8/11/03
GPW-6	03-A124615	8/11/03
GPW-8	03-A124616	8/11/03
GPW-10	03-A124617	8/11/03
GPW-11	03-A124618	8/11/03
GP-1(4-6)	03-A124619	8/11/03
GP-2(8-9)	03-A124620	8/11/03
GP-3(8-10)	03-A124621	8/11/03
GP-4(9-10)	03-A124622	8/11/03
GP-5(8-10)	03-A124623	8/11/03
B-1(2)	03-A124624	8/11/03

A2LA certification number 0453.07 for analysis of wastewater and solid/hazardous waste effective 09/30/99-12/31/03.
NELAC/Florida certification number E87358 for analysis of environmental water, soil/hazardous waste, and drinking water effective 07/01/99-06/30/04.

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: _____ Report Date: 8/18/03

Ashley Morris, Lab Director
Michael H. Dunn, M.S., QA/QC Director
Johnny A. Mitchell, Operations Manager Organics
Eric S. Smith, Assistant Technical Director
Roxanne L. Connor, Technical Services
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124614
Sample ID: GPW-1
Sample Type: Ground water
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 13:45
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Acenaphthylene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Anthracene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Benzo(a)anthracene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Benzo(a)pyrene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Benzo(b)fluoranthene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Benzo(k)fluoranthene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Butylbenzylphthalate	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Carbazole	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
4-Chloroaniline	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2-Chloronaphthalene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2-Chlorophenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Chrysene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Dibenzofuran	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
1,2-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
1,3-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
1,4-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
3,3'-Dichlorobenzidine	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124614
Sample ID: GPW-1
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2,4-Dichlorophenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Diethylphthalate	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2,4-Dimethylphenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Dimethylphthalate	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Di-n-Butylphthalate	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
4,6-Dinitro-2-methylphenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2,4-Dinitrophenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2,4-dinitrotoluene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2,6-Dinitrotoluene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Di-n-octylphthalate	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Fluoranthene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Fluorene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Hexachlorobenzene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Hexachlorobutadiene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Hexachloroethane	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Isophorone	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2-Methylnaphthalene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2-Methylphenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
3 and 4-Methylphenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Naphthalene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2-Nitroaniline	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
3-Nitroaniline	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
4-Nitroaniline	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Nitrobenzene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2-Nitrophenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
4-Nitrophenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
N-Nitroso-Di-n-Propylamine	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Pentachlorophenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Phenanthrene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Phenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Pyrene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
Bis(2-ethylhexyl)phthalate	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 FOSTER CREIGHTON DRIVE • NASHVILLE, TENNESSEE 37204
800-765-0980 • 615-726-3404 FAX

ANALYTICAL REPORT

Laboratory Number: 03-A124614
Sample ID: GPW-1
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	8/15/03	18:29	J.Shelton	8270C	1889
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	8/13/03	1:23	S. Udeze	8260B	9933
Benzene	ND	ug/L	1.0	1	8/13/03	1:23	S. Udeze	8260B	9933
Bromobenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Bromochloromethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Bromoform	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Bromomethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
2-Butanone	ND	ug/L	25.0	1	8/13/03	1:23	S. Udeze	8260B	9933
n-Butylbenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
sec-Butylbenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
t-Butylbenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Carbon disulfide	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Carbon tetrachloride	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Chlorobenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Chloroethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Chloroform	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Chloromethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
2-Chlorotoluene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
4-Chlorotoluene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Dibromochloromethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,2-Dibromoethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Dibromomethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,2-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,3-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,4-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Dichlorodifluoromethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,1-Dichloroethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,2-Dichloroethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,1-Dichloroethene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,2-Dichloropropane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124614
Sample ID: GPW-1
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,3-Dichloropropane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
2,2-Dichloropropane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,1-Dichloropropene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Ethylbenzene	ND	ug/L	1.0	1	8/13/03	1:23	S. Udeze	8260B	9933
Hexachlorobutadiene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
2-Hexanone	ND	ug/L	5.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Isopropylbenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
4-Isopropyltoluene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
4-Methyl-2-pentanone	ND	ug/L	5.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Methylene chloride	ND	ug/L	2.50	1	8/13/03	1:23	S. Udeze	8260B	9933
Naphthalene	ND	ug/L	5.00	1	8/13/03	1:23	S. Udeze	8260B	9933
n-Propylbenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Styrene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Tetrachloroethene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Toluene	ND	ug/L	1.0	1	8/13/03	1:23	S. Udeze	8260B	9933
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,1,1-Trichloroethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,1,2-Trichloroethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Trichloroethene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,2,3-Trichloropropane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	8/13/03	1:23	S. Udeze	8260B	9933
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Vinyl chloride	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Xylenes (Total)	ND	ug/L	1.0	1	8/13/03	1:23	S. Udeze	8260B	9933
Bromodichloromethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Trichlorofluoromethane	ND	ug/L	1.00	1	8/13/03	1:23	S. Udeze	8260B	9933
Methyl-t-butyl ether	ND	ug/L	1.0	1	8/13/03	1:23	S. Udeze	8260B	9933
METALS									
Arsenic	42.0	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Arsenic, Dissolved	ND	ug/L	10.0	1	8/14/03	9:33	C.Johnson	6010B	158

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124614
Sample ID: GPW-1
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Barium	4610	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Barium, Dissolved	56.0	ug/L	10.0	1	8/14/03	9:33	C.Johnson	6010B	158
Cadmium	ND	ug/L	1.0	1	8/13/03	11:36	C. Martin	6010B	9228
Cadmium, Dissolved	ND	ug/L	1.0	1	8/14/03	9:33	C.Johnson	6010B	158
Chromium	708.	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Chromium, Dissolved	ND	ug/L	5.0	1	8/14/03	9:33	C.Johnson	6010B	158
Lead	335.	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Lead, Dissolved	ND	ug/L	5.0	1	8/14/03	9:33	C.Johnson	6010B	158
Mercury	3.07	ug/L	0.20	1	8/14/03	16:35	K. Ahmed	7470A	27
Mercury, Dissolved	ND	ug/L	0.20	1	8/14/03	16:35	K. Ahmed	7470A	27
Nickel	186.	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Nickel, Dissolved	13.0	ug/L	10.0	1	8/14/03	9:33	C.Johnson	6010B	158
Selenium	29.0	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Selenium, Dissolved	ND	ug/L	10.0	1	8/14/03	9:33	C.Johnson	6010B	158
Silver	ND	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Silver, Dissolved	ND	ug/L	5.0	1	8/14/03	9:33	C.Johnson	6010B	158
MISCELLANEOUS CHEMISTRY									
Cyanide	0.119	mg/l	0.0050	1	8/14/03	10:56	S. Prayter	9012	9460

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	1000 ml	1.0 ml	8/14/03		M. Ricks	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	104.	70. - 133.
VOA Surr Toluene-d8	97.	76. - 123.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124614
Sample ID: GPW-1
Project: 2440-02

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	100.	71. - 132.
VOA Surr, DBFM	100.	74. - 120.
BNA Surr-Nitrobenzene-d5	72.	34. - 107.
BNA Surr-2-Fluorobiphenyl	70.	40. - 96.
BNA Surr-Terphenyl-d14	49.	26. - 106.
BNA Surr-Phenol-d5	32.	11. - 53.
BNA Surr-2-Fluorophenol	40.	19. - 76.
BNA Surr-2,4,6-Tribromophenol	81.	47. - 144.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124615
Sample ID: GPW-6
Sample Type: Ground water
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 15:35
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Acenaphthylene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Anthracene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Benzo(a)anthracene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Benzo(a)pyrene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Benzo(b)fluoranthene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Benzo(k)fluoranthene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Butylbenzylphthalate	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Carbazole	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
4-Chloroaniline	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2-Chloronaphthalene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2-Chlorophenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Chrysene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Dibenzofuran	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
1,2-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
1,3-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
1,4-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
3,3'-Dichlorobenzidine	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124615
Sample ID: GPW-6
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2,4-Dichlorophenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Diethylphthalate	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2,4-Dimethylphenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Dimethylphthalate	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Di-n-Butylphthalate	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
4,6-Dinitro-2-methylphenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2,4-Dinitrophenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2,4-Dinitrotoluene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2,6-Dinitrotoluene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Di-n-octylphthalate	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Fluoranthene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Fluorene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Hexachlorobenzene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Hexachlorobutadiene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Hexachloroethane	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Isophorone	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2-Methylnaphthalene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2-Methylphenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
3 and 4-Methylphenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Naphthalene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2-Nitroaniline	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
3-Nitroaniline	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
4-Nitroaniline	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Nitrobenzene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2-Nitrophenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
4-Nitrophenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
N-Nitroso-Di-n-Propylamine	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Pentachlorophenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Phenanthrene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Phenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Pyrene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
Bis(2-ethylhexyl)phthalate	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124615
Sample ID: GPW-6
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	8/15/03	19:10	J.Shelton	8270C	1889
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	8/13/03	1:49	S. Udeze	8260B	9933
Benzene	ND	ug/L	1.0	1	8/13/03	1:49	S. Udeze	8260B	9933
Bromobenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Bromochloromethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Bromoform	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Bromomethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
2-Butanone	ND	ug/L	25.0	1	8/13/03	1:49	S. Udeze	8260B	9933
n-Butylbenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
sec-Butylbenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
t-Butylbenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Carbon disulfide	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Carbon tetrachloride	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Chlorobenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Chloroethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Chloroform	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Chloromethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
2-Chlorotoluene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
4-Chlorotoluene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Dibromochloromethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,2-Dibromoethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Dibromomethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,2-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,3-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,4-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Dichlorodifluoromethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,1-Dichloroethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,2-Dichloroethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,1-Dichloroethene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,2-Dichloropropane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124615
Sample ID: GPW-6
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,3-Dichloropropane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
2,2-Dichloropropane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,1-Dichloropropene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Ethylbenzene	ND	ug/L	1.0	1	8/13/03	1:49	S. Udeze	8260B	9933
Hexachlorobutadiene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
2-Hexanone	ND	ug/L	5.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Isopropylbenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
4-Isopropyltoluene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
4-Methyl-2-pentanone	ND	ug/L	5.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Methylene chloride	ND	ug/L	2.50	1	8/13/03	1:49	S. Udeze	8260B	9933
Naphthalene	ND	ug/L	5.00	1	8/13/03	1:49	S. Udeze	8260B	9933
n-Propylbenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Styrene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Tetrachloroethene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Toluene	ND	ug/L	1.0	1	8/13/03	1:49	S. Udeze	8260B	9933
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,1,1-Trichloroethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,1,2-Trichloroethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Trichloroethene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,2,3-Trichloropropane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	8/13/03	1:49	S. Udeze	8260B	9933
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Vinyl chloride	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Xylenes (Total)	ND	ug/L	1.0	1	8/13/03	1:49	S. Udeze	8260B	9933
Bromodichloromethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Trichlorofluoromethane	ND	ug/L	1.00	1	8/13/03	1:49	S. Udeze	8260B	9933
Methyl-t-butyl ether	2.0	ug/L	1.0	1	8/13/03	1:49	S. Udeze	8260B	9933
METALS									
Arsenic	ND	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Barium	112	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124615
Sample ID: GPW-6
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Cadmium	ND	ug/L	1.0	1	8/13/03	11:36	C. Martin	6010B	9228
Chromium	93.0	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Lead	24.0	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Mercury	ND	ug/L	0.20	1	8/13/03	14:15	K. Ahmed	7470A	9302
Selenium	11.0	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Silver	ND	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	1000 ml	1.0 ml	8/14/03		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	99.	70. - 139.
VOA Surr Toluene-d8	102.	76. - 123.
VOA Surr, 4-BFB	102.	71. - 132.
VOA Surr, DBFM	96.	74. - 128.
BNA Surr-Nitrobenzene-d5	65.	34. - 107.
BNA Surr-2-Fluorobiphenyl	69.	40. - 98.
BNA Surr-Terphenyl-d14	60.	26. - 106.
BNA Surr-Phenol-d5	30.	11. - 59.
BNA Surr-2-Fluorophenol	38.	19. - 76.
BNA Surr-2,4,6-Tribromophenol	88.	47. - 144.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124615
Sample ID: GPW-6
Project: 2440-02

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124616
Sample ID: GPW-8
Sample Type: Ground water
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 17:15
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Acenaphthylene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Anthracene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Benzo(a)anthracene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Benzo(a)pyrene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Benzo(b)fluoranthene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Benzo(k)fluoranthene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Butylbenzylphthalate	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Carbazole	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
4-Chloroaniline	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
2-Chloronaphthalene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
2-Chlorophenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Chrysene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Dibenzofuran	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
1,2-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
1,3-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
1,4-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
3,3'-Dichlorobenzidine	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124616
Sample ID: GPW-8
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2,4-Dichlorophenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Diethylphthalate	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
2,4-Dimethylphenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Dimethylphthalate	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Di-n-Butylphthalate	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
4,6-Dinitro-2-methylphenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
2,4-Dinitrophenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
2,4-dinitrotoluene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
2,6-Dinitrotoluene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Di-n-octylphthalate	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Fluoranthene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Fluorene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Hexachlorobenzene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Hexachlorobutadiene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Hexachloroethane	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Isophorone	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
2-Methylnaphthalene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
2-Methylphenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
3 and 4-Methylphenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Naphthalene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
2-Nitroaniline	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
3-Nitroaniline	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
4-Nitroaniline	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Nitrobenzene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
2-Nitrophenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
4-Nitrophenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
N-Nitroso-Di-n-Propylamine	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Pentachlorophenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Phenanthrene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Phenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Pyrene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
Bis(2-ethylhexyl)phthalate	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1889

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124616
Sample ID: GPW-8
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1809
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	8/15/03	19:50	J.Shelton	8270C	1809
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	8/13/03	9:13	CHollingsw	8260B	1564
Benzene	ND	ug/L	1.0	1	8/13/03	9:13	CHollingsw	8260B	1564
Bromobenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Bromochloromethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Bromoform	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Bromomethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
2-Butanone	ND	ug/L	25.0	1	8/13/03	9:13	CHollingsw	8260B	1564
n-Butylbenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
sec-Butylbenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
t-Butylbenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Carbon disulfide	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Carbon tetrachloride	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Chlorobenzene	1.20	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Chloroethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Chloroform	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Chloromethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
2-Chlorotoluene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
4-Chlorotoluene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Dibromochloromethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,2-Dibromoethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Dibromomethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,2-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,3-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,4-Dichlorobenzene	1.00	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Dichlorodifluoromethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,1-Dichloroethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,2-Dichloroethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,1-Dichloroethene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,2-Dichloropropane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124616
Sample ID: GPW-8
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,3-Dichloropropane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
2,2-Dichloropropane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,1-Dichloropropene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Ethylbenzene	ND	ug/L	1.0	1	8/13/03	9:13	CHollingsw	8260B	1564
Hexachlorobutadiene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
2-Hexanone	ND	ug/L	5.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Isopropylbenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
4-Isopropyltoluene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
4-Methyl-2-pentanone	ND	ug/L	5.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Methylene chloride	ND	ug/L	2.50	1	8/13/03	9:13	CHollingsw	8260B	1564
Naphthalene	ND	ug/L	5.00	1	8/13/03	9:13	CHollingsw	8260B	1564
n-Propylbenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Styrene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Tetrachloroethene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Toluene	ND	ug/L	1.0	1	8/13/03	9:13	CHollingsw	8260B	1564
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,1,1-Trichloroethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,1,2-Trichloroethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Trichloroethene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,2,3-Trichloropropane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	8/13/03	9:13	CHollingsw	8260B	1564
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Vinyl chloride	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Xylenes (Total)	ND	ug/L	1.0	1	8/13/03	9:13	CHollingsw	8260B	1564
Bromodichloromethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Trichlorofluoromethane	ND	ug/L	1.00	1	8/13/03	9:13	CHollingsw	8260B	1564
Methyl-t-butyl ether	ND	ug/L	1.0	1	8/13/03	9:13	CHollingsw	8260B	1564
METALS									
Arsenic	13.0	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9238
Arsenic, Dissolved	ND	ug/L	10.0	1	8/14/03	9:33	C.Johnson	6010B	158

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124616
Sample ID: GPW-8
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Barium	760.	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Barium, Dissolved	292.	ug/L	10.0	1	8/14/03	9:33	C.Johnson	6010B	158
Cadmium	ND	ug/L	1.0	1	8/13/03	11:36	C. Martin	6010B	9228
Cadmium, Dissolved	ND	ug/L	1.0	1	8/14/03	9:33	C.Johnson	6010B	158
Chromium	46.0	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Chromium, Dissolved	ND	ug/L	5.0	1	8/14/03	9:33	C.Johnson	6010B	158
Lead	35.0	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Lead, Dissolved	ND	ug/L	5.0	1	8/14/03	9:33	C.Johnson	6010B	158
Mercury	ND	ug/L	0.20	1	8/14/03	16:35	K. Ahmed	7470A	27
Mercury, Dissolved	ND	ug/L	0.20	1	8/14/03	16:35	K. Ahmed	7470A	37
Nickel	33.0	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Nickel, Dissolved	18.0	ug/L	10.0	1	8/14/03	9:33	C.Johnson	6010B	158
Selenium	ND	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Selenium, Dissolved	ND	ug/L	10.0	1	8/14/03	9:33	C.Johnson	6010B	158
Silver	ND	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Silver, Dissolved	ND	ug/L	5.0	1	8/14/03	9:33	C.Johnson	6010B	158
MISCELLANEOUS CHEMISTRY									
Cyanide	ND	mg/l	0.0050	1	8/14/03	10:56	S. Frayter	9012	9468

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	1000 ml	1.0 ml	8/14/03		M. Hicke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	100.	70. - 133.
VOA Surr Toluene-d8	103.	76. - 123.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124616
Sample ID: GPW-8
Project: 2440-02

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	100.	71. - 132.
VOA Surr, DBFM	99.	74. - 128.
BNA Surr-Nitrobenzene-d5	69.	34. - 107.
BNA Surr-2-Fluorobiphenyl	72.	40. - 96.
BNA Surr-Terphenyl-d14	67.	26. - 106.
BNA Surr-Phenol-d5	34.	11. - 53.
BNA Surr-2-Fluorophenol	43.	19. - 76.
BNA Surr-2,4,6-Tribromophenol	93.	47. - 144.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124617
Sample ID: GPW-10
Sample Type: Ground water
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 16:45
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Acenaphthylene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Anthracene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Benzo(a)anthracene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Benzo(a)pyrene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Benzo(b)fluoranthene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Benzo(k)fluoranthene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Butylbenzylphthalate	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Carbazole	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
4-Chloroaniline	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2-Chloronaphthalene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2-Chlorophenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Chrysene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Dibenzofuran	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
1,2-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
1,3-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
1,4-Dichlorobenzene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
3,3'-Dichlorobenzidine	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124617
Sample ID: GPW-10
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2,4-Dichlorophenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Diethylphthalate	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2,4-Dimethylphenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Dimethylphthalate	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Di-n-Butylphthalate	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
4,6-Dinitro-2-methylphenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2,4-Dinitrophenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2,4-dinitrotoluene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2,6-Dinitrotoluene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Di-n-octylphthalate	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Fluoranthene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Fluorene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Hexachlorobenzene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Hexachlorobutadiene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Hexachloroethane	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Isophorone	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2-Methylnaphthalene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2-Methylphenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
3 and 4-Methylphenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Naphthalene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2-Nitroaniline	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
3-Nitroaniline	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
4-Nitroaniline	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Nitrobenzene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2-Nitrophenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
4-Nitrophenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
N-Nitroso-Di-n-Propylamine	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Pentachlorophenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Phenanthrene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Phenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Pyrene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
Bis(2-ethylhexyl)phthalate	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124617
Sample ID: GPW-10
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	8/15/03	20:31	J.Shelton	8270C	1889
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	8/13/03	9:39	CHollingsw	8260B	1564
Benzene	ND	ug/L	1.0	1	8/13/03	9:39	CHollingsw	8260B	1564
Bromobenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Bromochloromethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Bromoform	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Bromomethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
2-Butanone	ND	ug/L	25.0	1	8/13/03	9:39	CHollingsw	8260B	1564
n-Butylbenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
sec-Butylbenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
t-Butylbenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Carbon disulfide	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Carbon tetrachloride	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Chlorobenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Chloroethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Chloroform	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Chloromethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
2-Chlorotoluene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
4-Chlorotoluene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Dibromochloromethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,2-Dibromoethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Dibromomethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,2-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,3-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,4-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Dichlorodifluoromethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,1-Dichloroethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,2-Dichloroethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,1-Dichloroethene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,2-Dichloropropane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124617
Sample ID: GPW-10
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,3-Dichloropropane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
2,2-Dichloropropane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,1-Dichloropropene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Ethylbenzene	ND	ug/L	1.0	1	8/13/03	9:39	CHollingsw	8260B	1564
Hexachlorobutadiene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
2-Hexanone	ND	ug/L	5.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Isopropylbenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
4-Isopropyltoluene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
4-Methyl-2-pentanone	ND	ug/L	5.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Methylene chloride	ND	ug/L	2.50	1	8/13/03	9:39	CHollingsw	8260B	1564
Naphthalene	ND	ug/L	5.00	1	8/13/03	9:39	CHollingsw	8260B	1564
n-Propylbenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Styrene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Tetrachloroethene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Toluene	ND	ug/L	1.0	1	8/13/03	9:39	CHollingsw	8260B	1564
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,1,1-Trichloroethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,1,2-Trichloroethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Trichloroethene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,2,3-Trichloropropane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	8/13/03	9:39	CHollingsw	8260B	1564
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Vinyl chloride	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Xylenes (Total)	ND	ug/L	1.0	1	8/13/03	9:39	CHollingsw	8260B	1564
Bromodichloromethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Trichlorofluoromethane	ND	ug/L	1.00	1	8/13/03	9:39	CHollingsw	8260B	1564
Methyl-t-butyl ether	ND	ug/L	1.0	1	8/13/03	9:39	CHollingsw	8260B	1564
METALS									
Arsenic	24.0	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Barium	3270	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124617
Sample ID: GPW-10
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Cadmium	ND	ug/L	1.0	1	8/13/03	11:36	C. Martin	6010B	9228
Chromium	624.	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Lead	209.	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Mercury	ND	ug/L	2.00	1	8/13/03	14:15	K. Ahmed	7470A	9302
Selenium	22.0	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Silver	ND	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	970. ml	1.0 ml	8/14/03		M. Ricks	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	104.	70. - 133.
VOA Surr Toluene-d8	100.	76. - 123.
VOA Surr, 4-BFB	102.	71. - 132.
VOA Surr, DBFM	97.	74. - 128.
BNA Surr-Nitrobenzene-d5	65.	34. - 107.
BNA Surr-2-Fluorobiphenyl	81.	40. - 96.
BNA Surr-Terphenyl-d14	76.	26. - 106.
BNA Surr-Phenol-d6	34.	11. - 53.
BNA Surr-2-Fluorophenol	46.	19. - 76.
BNA Surr-2,4,6-Tribromophenol	84.	47. - 144.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124617
Sample ID: GPW-10
Project: 2440-02

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124618
Sample ID: GPW-11
Sample Type: Ground water
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 16:30
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	8/13/03	10:06	CHollingsw	8260B	1564
Benzene	ND	ug/L	1.0	1	8/13/03	10:06	CHollingsw	8260B	1564
Bromobenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Bromochloromethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Bromoform	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Bromomethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
2-Butanone	ND	ug/L	25.0	1	8/13/03	10:06	CHollingsw	8260B	1564
n-Butylbenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
sec-Butylbenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
t-Butylbenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Carbon disulfide	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Carbon tetrachloride	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Chlorobenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Chloroethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Chloroform	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Chloromethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
2-Chlorotoluene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
4-Chlorotoluene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Dibromochloromethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,2-Dibromoethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Dibromomethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,2-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,3-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,4-Dichlorobenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Dichlorodifluoromethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124618
Sample ID: GPW-11
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,2-Dichloroethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,1-Dichloroethene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,2-Dichloropropane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,3-Dichloropropane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
2,2-Dichloropropane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,1-Dichloropropene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Ethylbenzene	ND	ug/L	1.0	1	8/13/03	10:06	CHollingsw	8260B	1564
Hexachlorobutadiene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
2-Hexanone	ND	ug/L	5.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Isopropylbenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
4-Isopropyltoluene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
4-Methyl-2-pentanone	ND	ug/L	5.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Methylene chloride	ND	ug/L	2.50	1	8/13/03	10:06	CHollingsw	8260B	1564
Naphthalene	ND	ug/L	5.00	1	8/13/03	10:06	CHollingsw	8260B	1564
n-Propylbenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Styrene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Tetrachloroethene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Toluene	ND	ug/L	1.0	1	8/13/03	10:06	CHollingsw	8260B	1564
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,1,1-Trichloroethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,1,2-Trichloroethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Trichloroethene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,2,3-Trichloropropane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	8/13/03	10:06	CHollingsw	8260B	1564
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Vinyl chloride	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Xylenes (Total)	ND	ug/L	1.0	1	8/13/03	10:06	CHollingsw	8260B	1564
Bromodichloromethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124618
Sample ID: GPW-11
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/L	1.00	1	8/13/03	10:06	CHollingsw	8260B	1564
Methyl-t-butyl ether	ND	ug/L	1.0	1	8/13/03	10:06	CHollingsw	8260B	1564
METALS									
Arsenic	28.0	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Barium	1490	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Cadmium	ND	ug/L	1.0	1	8/13/03	11:36	C. Martin	6010B	9228
Chromium	194.	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Lead	106.	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228
Mercury	ND	ug/L	2.00	1	8/13/03	14:15	K. Ahmed	7470A	0302
Selenium	ND	ug/L	10.0	1	8/13/03	11:36	C. Martin	6010B	9228
Silver	ND	ug/L	5.0	1	8/13/03	11:36	C. Martin	6010B	9228

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	103.	70. - 133.
VOA Surr Toluene-d8	100.	76. - 123.
VOA Surr, 4-BFB	103.	71. - 132.
VOA Surr, DBFM	98.	74. - 128.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124619
Sample ID: GP-1(4-6)
Sample Type: Soil
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 12:40
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Acenaphthylene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Anthracene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Benzo(a)anthracene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Benzo(a)pyrene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
4-Bromophenylphenylether	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Butylbenzylphthalate	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Carbazole	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
4-Chloroaniline	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2-Chloronaphthalene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2-Chlorophenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Chrysene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Dibenzofuran	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124619
Sample ID: GP-1(4-6)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2,4-Dichlorophenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Diethylphthalate	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2,4-Dimethylphenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Dimethylphthalate	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Di-n-butylphthalate	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2,4-Dinitrophenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2,4-dinitrotoluene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Di-n-octylphthalate	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Fluoranthene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Fluorene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Hexachlorobenzene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Hexachlorobutadiene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Hexachloroethane	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Isophorone	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2-Methylnaphthalene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2-Methylphenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
m,p-Methylphenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Naphthalene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
3-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
4-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Nitrobenzene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2-Nitrophenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
4-Nitrophenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Pentachlorophenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Phenanthrene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124619
Sample ID: GP-1(4-6)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Pyrene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	8/13/03	22:05	M.Schott	8270C	442
VOLATILE ORGANICS									
Acetone	0.0429	mg/kg	0.0407	1	8/13/03	21:20	J. Yun	8260B	780
Benzene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Bromobenzene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
Bromochloromethane	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
Bromoform	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Bromomethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
2-Butanone	ND	mg/kg	0.0407	1	8/13/03	21:20	J. Yun	8260B	780
n-Butylbenzene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
sec-Butylbenzene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
t-Butylbenzene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
Carbon disulfide	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
Carbon tetrachloride	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Chlorobenzene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Chloroethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Chloroform	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Chloromethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
2-Chlorotoluene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
4-Chlorotoluene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00407	1	8/13/03	21:20	J. Yun	8260B	780
Dibromochloromethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,2-Dibromoethane	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
Dibromomethane	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
1,2-Dichlorobenzene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,3-Dichlorobenzene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,4-Dichlorobenzene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Dichlorodifluoromethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124619
Sample ID: GP-1(4-6)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,2-Dichloroethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,1-Dichloroethene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
cis-1,2-Dichloroethene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
trans-1,2-Dichloroethene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,2-Dichloropropane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,3-Dichloropropane	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
2,2-Dichloropropane	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
1,1-Dichloropropene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
cis-1,3-Dichloropropene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
trans-1,3-Dichloropropene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Ethylbenzene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Hexachlorobutadiene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
2-Hexanone	ND	mg/kg	0.00814	1	8/13/03	21:20	J. Yun	8260B	780
Isopropylbenzene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
4-Isopropyltoluene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
4-Methyl-2-pentanone	ND	mg/kg	0.00814	1	8/13/03	21:20	J. Yun	8260B	780
Methylene chloride	ND	mg/kg	0.0041	1	8/13/03	21:20	J. Yun	8260B	780
Naphthalene	ND	mg/kg	0.00407	1	8/13/03	21:20	J. Yun	8260B	780
n-Propylbenzene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
Styrene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Tetrachloroethene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Toluene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,2,3-Trichlorobenzene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
1,2,4-Trichlorobenzene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
1,1,1-Trichloroethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,1,2-Trichloroethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Trichloroethene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,2,3-Trichloropropane	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
1,2,4-Trimethylbenzene	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
1,3,5-Trimethylbenzene	ND	mg/kg	0.00163	1	8/13/03	21:20	J. Yun	8260B	780
Vinyl chloride	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124619
Sample ID: GP-1(4-6)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Bromodichloromethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Trichlorofluoromethane	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
Methyl-t-butyl ether	ND	mg/kg	0.0016	1	8/13/03	21:20	J. Yun	8260B	780
METALS									
Arsenic	ND	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Barium	223.	mg/kg	1.96	1	8/13/03	10:48	C.Johnson	6010B	9217
Cadmium	ND	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Chromium	38.9	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Lead	6.85	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Mercury	ND	mg/kg	0.101	1	8/13/03	11:55	K. Keller	7471A	9260
Nickel	10.6	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Selenium	ND	mg/kg	1.96	1	8/13/03	10:48	C.Johnson	6010B	9217
Silver	ND	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Chromium, hexavalent	ND	mg/kg	2.00	2	8/14/03	15:46	K. Rollins	7196A	8238
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	73.6	%			8/14/03	15:40	M. Ricke	CLP	509
Cyanide	ND	mg/kg	2.00	1	8/15/03	9:24	S. Prayter	9012A	9352

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.1 gm	1.0 ml	8/13/03		K. Turner	3550
Volatile Organics	6.14 g	5.0 ml	8/11/03	12:40	C. Bailey	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124619
Sample ID: GP-1(4-6)
Project: 2440-02

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	93.	58. - 139.
VOA Surr Toluene-d8	100.	71. - 127.
VOA Surr, 4-BFB	95.	60. - 141.
VOA Surr, DBFM	96.	67. - 126.
BNA Surr-Nitrobenzene-d5	59.	44. - 99.
BNA Surr-2-Fluorobiphenyl	66.	45. - 94.
BNA Surr-Terphenyl-d14	69.	53. - 104.
BNA Surr-Phenol-d5	81.	46. - 111.
BNA Surr-2-Fluorophenol	78.	41. - 108.
BNA Surr-2,4,6-Tribromophenol	87.	49. - 124.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124620
Sample ID: GP-2(8-9)
Sample Type: Soil
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 12:20
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Acenaphthylene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Anthracene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Benzo(a)anthracene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Benzo(a)pyrene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
4-Bromophenylphenylether	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Butylbenzylphthalate	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Carbazole	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
4-Chloroaniline	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2-Chloronaphthalene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2-Chlorophenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Chrysene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Dibenzofuran	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124620
Sample ID: GP-2(8-9)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2,4-Dichlorophenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Diethylphthalate	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2,4-Dimethylphenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Dimethylphthalate	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Di-n-butylphthalate	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2,4-Dinitrophenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2,4-Dinitrotoluene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Di-n-octylphthalate	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Fluoranthene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Fluorene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Hexachlorobenzene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Hexachlorobutadiene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Hexachloroethane	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Isophorone	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2-Methylnaphthalene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2-Methylphenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
m,p-Methylphenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Naphthalene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
3-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
4-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Nitrobenzene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2-Nitrophenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
4-Nitrophenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Pentachlorophenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Phenanthrene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124620
Sample ID: GP-2(8-9)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Pyrene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	8/13/03	22:42	M.Schott	8270C	442
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0464	1	8/13/03	21:52	J. Yun	8260B	780
Benzene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Bromobenzene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
Bromochloromethane	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
Bromoform	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Bromomethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
2-Butanone	ND	mg/kg	0.0464	1	8/13/03	21:52	J. Yun	8260B	780
n-Butylbenzene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
sec-Butylbenzene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
t-Butylbenzene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
Carbon disulfide	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
Carbon tetrachloride	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Chlorobenzene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Chloroethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Chloroform	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Chloromethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
2-Chlorotoluene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
4-Chlorotoluene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00464	1	8/13/03	21:52	J. Yun	8260B	780
Dibromochloromethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,2-Dibromoethane	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
Dibromomethane	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
1,2-Dichlorobenzene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,3-Dichlorobenzene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,4-Dichlorobenzene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Dichlorodifluoromethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124620
Sample ID: GP-2(8-9)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,2-Dichloroethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,1-Dichloroethene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
cis-1,2-Dichloroethene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
trans-1,2-Dichloroethene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,2-Dichloropropane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,3-Dichloropropane	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
2,2-Dichloropropane	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
1,1-Dichloropropene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
cis-1,3-Dichloropropene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
trans-1,3-Dichloropropene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Ethylbenzene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Hexachlorobutadiene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
2-Hexanone	ND	mg/kg	0.00928	1	8/13/03	21:52	J. Yun	8260B	780
Isopropylbenzene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
4-Isopropyltoluene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
4-Methyl-2-pentanone	ND	mg/kg	0.00928	1	8/13/03	21:52	J. Yun	8260B	780
Methylene chloride	ND	mg/kg	0.0046	1	8/13/03	21:52	J. Yun	8260B	780
Naphthalene	ND	mg/kg	0.00464	1	8/13/03	21:52	J. Yun	8260B	780
n-Propylbenzene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
Styrene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Tetrachloroethene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Toluene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,2,3-Trichlorobenzene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
1,2,4-Trichlorobenzene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
1,1,1-Trichloroethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,1,2-Trichloroethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Trichloroethene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,2,3-Trichloropropane	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
1,2,4-Trimethylbenzene	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
1,3,5-Trimethylbenzene	ND	mg/kg	0.00186	1	8/13/03	21:52	J. Yun	8260B	780
Vinyl chloride	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124620
Sample ID: GP-2(8-9)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Bromodichloromethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Trichlorofluoromethane	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
Methyl-t-butyl ether	ND	mg/kg	0.0019	1	8/13/03	21:52	J. Yun	8260B	780
METALS									
Arsenic	ND	mg/kg	0.97	1	8/13/03	10:48	C.Johnson	6010B	9217
Barium	183.	mg/kg	1.94	1	8/13/03	10:48	C.Johnson	6010B	9217
Cadmium	ND	mg/kg	0.97	1	8/13/03	10:48	C.Johnson	6010B	9217
Chromium	18.6	mg/kg	0.97	1	8/13/03	10:48	C.Johnson	6010B	9217
Lead	7.96	mg/kg	0.97	1	8/13/03	10:48	C.Johnson	6010B	9217
Mercury	ND	mg/kg	0.0985	1	8/13/03	11:53	K. Keller	7471A	9250
Selenium	ND	mg/kg	1.94	1	8/13/03	10:48	C.Johnson	6010B	9217
Silver	ND	mg/kg	0.97	1	8/13/03	10:48	C.Johnson	6010B	9217
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78.1	%			8/14/03	15:40	M. Ricke	CLP	909

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.3 gm	1.0 ml	8/13/03		K. Turner	3550
Volatile Organics	5.39 g	5.0 ml	8/11/03	12:20	C. Bailey	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	90.	58. - 139.
VOA Surr Toluene-d8	102.	71. - 127.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124620
Sample ID: GP-2(8-9)
Project: 2440-02

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	100.	60. - 141.
VOA Surr, DBFM	97.	67. - 126.
BNA Surr-Nitrobenzene-d5	68.	44. - 99.
BNA Surr-2-Fluorobiphenyl	70.	45. - 94.
BNA Surr-Terphenyl-d14	77.	53. - 104.
BNA Surr-Phenol-d5	95.	66. - 111.
BNA Surr-2-Fluorophenol	95.	61. - 108.
BNA Surr-2,4,6-Tribromophenol	98.	49. - 134.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124621
Sample ID: GP-3(8-10)
Sample Type: Soil
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 19:00
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Acenaphthylene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Anthracene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Benzo(a)anthracene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Benzo(a)pyrene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
4-Bromophenylphenylether	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Butylbenzylphthalate	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Carbazole	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
4-Chloroaniline	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2-Chloronaphthalene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2-Chlorophenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Chrysene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Dibenzofuran	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124621
Sample ID: GP-3(8-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2,4-Dichlorophenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Diethylphthalate	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2,4-Dimethylphenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Dimethylphthalate	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Di-n-butylphthalate	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2,4-Dinitrophenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2,4-dinitrotoluene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Di-n-octylphthalate	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Fluoranthene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Fluorene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Hexachlorobenzene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Hexachlorobutadiene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Hexachloroethane	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Isophorone	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2-Methylnaphthalene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2-Methylphenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
m,p-Methylphenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Naphthalene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
3-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
4-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Nitrobenzene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2-Nitrophenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
4-Nitrophenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Pentachlorophenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Phenanthrene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124621
Sample ID: GP-3(8-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Pyrene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	8/13/03	23:19	M.Schott	8270C	442
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0479	1	8/13/03	22:23	J. Yun	8260B	780
Benzene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Bromobenzene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
Bromochloromethane	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
Bromoform	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Bromomethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
2-Butanone	ND	mg/kg	0.0479	1	8/13/03	22:23	J. Yun	8260B	780
n-Butylbenzene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
sec-Butylbenzene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
t-Butylbenzene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
Carbon disulfide	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
Carbon tetrachloride	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Chlorobenzene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Chloroethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Chloroform	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Chloromethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
2-Chlorotoluene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
4-Chlorotoluene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00479	1	8/13/03	22:23	J. Yun	8260B	780
Dibromochloromethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,2-Dibromoethane	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
Dibromomethane	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
1,2-Dichlorobenzene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,3-Dichlorobenzene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,4-Dichlorobenzene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Dichlorodifluoromethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780

Sample report continued . . .

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800-765-0980 • 615-726-3404 FAX

ANALYTICAL REPORT

Laboratory Number: 03-A124621
Sample ID: GP-3(8-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,2-Dichloroethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,1-Dichloroethene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
cis-1,2-Dichloroethene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
trans-1,2-Dichloroethene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,2-Dichloropropane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,3-Dichloropropane	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
2,2-Dichloropropane	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
1,1-Dichloropropene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
cis-1,3-Dichloropropene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
trans-1,3-Dichloropropene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Ethylbenzene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Hexachlorobutadiene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
2-Hexanone	ND	mg/kg	0.00958	1	8/13/03	22:23	J. Yun	8260B	780
Isopropylbenzene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
4-Isopropyltoluene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
4-Methyl-2-pentanone	ND	mg/kg	0.00958	1	8/13/03	22:23	J. Yun	8260B	780
Methylene chloride	ND	mg/kg	0.0048	1	8/13/03	22:23	J. Yun	8260B	780
Naphthalene	ND	mg/kg	0.00479	1	8/13/03	22:23	J. Yun	8260B	780
n-Propylbenzene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
Styrene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Tetrachloroethene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Toluene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,2,3-Trichlorobenzene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
1,2,4-Trichlorobenzene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
1,1,1-Trichloroethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,1,2-Trichloroethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Trichloroethene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,2,3-Trichloropropane	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
1,2,4-Trimethylbenzene	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
1,3,5-Trimethylbenzene	ND	mg/kg	0.00192	1	8/13/03	22:23	J. Yun	8260B	780
Vinyl chloride	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124621
Sample ID: GP-3(8-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Dromodichloromethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Trichlorofluoromethane	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
Methyl-t-butyl ether	ND	mg/kg	0.0019	1	8/13/03	22:23	J. Yun	8260B	780
METALS									
Arsenic	1.99	mg/kg	0.96	1	8/13/03	10:48	C.Johnson	6010B	9217
Barium	180.	mg/kg	1.93	1	8/13/03	10:48	C.Johnson	6010B	9217
Cadmium	ND	mg/kg	0.96	1	8/13/03	10:48	C.Johnson	6010B	9217
Chromium	40.8	mg/kg	0.96	1	8/13/03	10:48	C.Johnson	6010B	9217
Lead	11.4	mg/kg	0.96	1	8/13/03	10:48	C.Johnson	6010B	9217
Mercury	ND	mg/kg	0.0974	1	8/13/03	11:53	K. Keller	7471A	9250
Selenium	ND	mg/kg	1.93	1	8/13/03	10:48	C.Johnson	6010B	9217
Silver	ND	mg/kg	0.96	1	8/13/03	10:48	C.Johnson	6010B	9217
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	81.4	%			8/14/03	15:40	M. Ricke	CLP	509

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.8 gm	1.0 ml	8/13/03		K. Turner	3550
Volatile Organics	5.22 g	5.0 ml	8/11/03	19:00	C. Bailey	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	95.	80. - 139.
VOA Surr Toluene-d8	98.	71. - 127.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124621
Sample ID: GP-3(8-10)
Project: 2440-02

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	97.	60. - 141.
VOA Surr, DBFM	88.	67. - 126.
BNA Surr-Nitrobenzene-d5	67.	44. - 99.
BNA Surr-2-Fluorobiphenyl	69.	45. - 94.
BNA Surr-Terphenyl-d14	80.	53. - 104.
BNA Surr-Phenol-d5	91.	46. - 111.
BNA Surr-2-Fluorophenol	92.	41. - 100.
BNA Surr-2,4,6-Tribromophenol	101.	49. - 124.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124622
Sample ID: GP-4(9-10)
Sample Type: Soil
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 18:00
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Acenaphthylene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Anthracene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Benzo(a)anthracene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Benzo(a)pyrene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
4-Bromophenylphenylether	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Butylbenzylphthalate	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Carbazole	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
4-Chloroaniline	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2-Chloronaphthalene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2-Chlorophenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Chrysene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Dibenzofuran	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124622
Sample ID: GP-4(9-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2,4-Dichlorophenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Diethylphthalate	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2,4-Dimethylphenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Dimethylphthalate	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Di-n-butylphthalate	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2,4-Dinitrophenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2,4-dinitrotoluene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Di-n-octylphthalate	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Fluoranthene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Fluorene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Hexachlorobenzene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Hexachlorobutadiene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Hexachloroethane	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Isophorone	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2-Methylnaphthalene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2-Methylphenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
m,p-Methylphenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Naphthalene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
3-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
4-Nitroaniline	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Nitrobenzene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2-Nitrophenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
4-Nitrophenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Pentachlorophenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Phenanthrene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124622
Sample ID: GP-4(9-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Pyrene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	8/13/03	23:56	M.Schott	8270C	442
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0399	1	8/13/03	22:55	J. Yun	8260B	780
Benzene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Bromobenzene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
Bromochloromethane	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
Bromoform	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Bromomethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
2-Butanone	ND	mg/kg	0.0399	1	8/13/03	22:55	J. Yun	8260B	780
n-Butylbenzene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
sec-Butylbenzene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
t-Butylbenzene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
Carbon disulfide	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
Carbon tetrachloride	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Chlorobenzene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Chloroethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Chloroform	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Chloromethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
2-Chlorotoluene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
4-Chlorotoluene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00399	1	8/13/03	22:55	J. Yun	8260B	780
Dibromochloromethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,2-Dibromoethane	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
Dibromomethane	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
1,2-Dichlorobenzene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,3-Dichlorobenzene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,4-Dichlorobenzene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Dichlorodifluoromethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124622
Sample ID: GP-4(9-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,2-Dichloroethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,1-Dichloroethene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
cis-1,2-Dichloroethene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
trans-1,2-Dichloroethene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,2-Dichloropropane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,3-Dichloropropane	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
2,2-Dichloropropane	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
1,1-Dichloropropene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
cis-1,3-Dichloropropene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
trans-1,3-Dichloropropene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Ethylbenzene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Hexachlorobutadiene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
2-Hexanone	ND	mg/kg	0.00797	1	8/13/03	22:55	J. Yun	8260B	780
Isopropylbenzene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
4-Isopropyltoluene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
4-Methyl-2-pentanone	ND	mg/kg	0.00797	1	8/13/03	22:55	J. Yun	8260B	780
Methylene chloride	ND	mg/kg	0.0040	1	8/13/03	22:55	J. Yun	8260B	780
Naphthalene	ND	mg/kg	0.00399	1	8/13/03	22:55	J. Yun	8260B	780
n-Propylbenzene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
Styrene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Tetrachloroethene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Toluene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,2,3-Trichlorobenzene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
1,2,4-Trichlorobenzene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
1,1,1-Trichloroethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,1,2-Trichloroethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Trichloroethene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,2,3-Trichloropropane	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
1,2,4-Trimethylbenzene	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
1,3,5-Trimethylbenzene	ND	mg/kg	0.00159	1	8/13/03	22:55	J. Yun	8260B	780
Vinyl chloride	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124622
Sample ID: GP-4(9-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Bromodichloromethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Trichlorofluoromethane	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
Methyl-t-butyl ether	ND	mg/kg	0.0016	1	8/13/03	22:55	J. Yun	8260B	780
METALS									
Arsenic	ND	mg/kg	0.99	1	8/13/03	10:48	C.Johnson	6010B	9217
Barium	93.1	mg/kg	1.97	1	8/13/03	10:48	C.Johnson	6010B	9217
Cadmium	ND	mg/kg	0.99	1	8/13/03	10:48	C.Johnson	6010B	9217
Chromium	34.3	mg/kg	0.99	1	8/13/03	10:48	C.Johnson	6010B	9217
Lead	9.27	mg/kg	0.99	1	8/13/03	10:48	C.Johnson	6010B	9217
Mercury	ND	mg/kg	0.0976	1	8/13/03	11:53	K. Keller	7471A	9250
Selenium	ND	mg/kg	1.97	1	8/13/03	10:48	C.Johnson	6010B	9217
Silver	1.18	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	85.5	%			8/14/03	15:40	M. Ricke	CLP	509

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.9 gm	1.0 ml	8/13/03		K. Turner	3550
Volatile Organics	6.27 g	5.0 ml	8/11/03	18:00	C. Bailey	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	94.	58. - 139.
VOA Surr Toluene-d8	99.	71. - 127.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124622
Sample ID: GP-4(9-10)
Project: 2440-02

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	99.	60. - 141.
VOA Surr, DBFM	97.	67. - 136.
BNA Surr-Nitrobenzene-d5	75.	44. - 99.
BNA Surr-2-Fluorobiphenyl	77.	46. - 94.
BNA Surr-Terphenyl-d14	77.	53. - 104.
BNA Surr-Phenol-d5	97.	46. - 111.
BNA Surr-2-Fluorophenol	100.	41. - 108.
BNA Surr-2,4,6-Tribromophenol	98.	49. - 124.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124623
Sample ID: GP-5(8-10)
Sample Type: Soil
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 18:10
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Acenaphthylene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Anthracene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Benzo(a)anthracene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Benzo(a)pyrene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
4-Bromophenylphenylether	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Butylbenzylphthalate	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Carbazole	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
4-Chloroaniline	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2-Chloronaphthalene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2-Chlorophenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Chrysene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Dibenzofuran	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124623
Sample ID: GP-5(8-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2,4-Dichlorophenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Diethylphthalate	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2,4-Dimethylphenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Dimethylphthalate	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Di-n-butylphthalate	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2,4-Dinitrophenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2,4-dinitrotoluene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Di-n-octylphthalate	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Fluoranthene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Fluorene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Hexachlorobenzene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Hexachlorobutadiene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Hexachloroethane	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Isophorone	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2-Methylnaphthalene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2-Methylphenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
m,p-Methylphenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Naphthalene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2-Nitroaniline	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
3-Nitroaniline	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
4-Nitroaniline	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Nitrobenzene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2-Nitrophenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
4-Nitrophenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Pentachlorophenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Phenanthrene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124623
Sample ID: GP-5(8-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Pyrene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	8/14/03	0:33	M.Schott	8270C	442
VOLATILE ORGANICS									
Acetone	0.0511	mg/kg	0.0347	1	8/13/03	23:27	J. Yun	8260B	780
Benzene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Bromobenzene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
Bromochloromethane	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
Bromoform	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Bromomethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
2-Butanone	ND	mg/kg	0.0347	1	8/13/03	23:27	J. Yun	8260B	780
n-Butylbenzene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
sec-Butylbenzene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
t-Butylbenzene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
Carbon disulfide	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
Carbon tetrachloride	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Chlorobenzene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Chloroethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Chloroform	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Chloromethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
2-Chlorotoluene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
4-Chlorotoluene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00347	1	8/13/03	23:27	J. Yun	8260B	780
Dibromochloromethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,2-Dibromoethane	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
Dibromomethane	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
1,2-Dichlorobenzene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,3-Dichlorobenzene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,4-Dichlorobenzene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Dichlorodifluoromethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124623
Sample ID: GP-5(8-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,2-Dichloroethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,1-Dichloroethene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
cis-1,2-Dichloroethene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
trans-1,2-Dichloroethene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,2-Dichloropropane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,3-Dichloropropane	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
2,2-Dichloropropane	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
1,1-Dichloropropene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
cis-1,3-Dichloropropene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
trans-1,3-Dichloropropene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Ethylbenzene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Hexachlorobutadiene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
2-Hexanone	ND	mg/kg	0.00693	1	8/13/03	23:27	J. Yun	8260B	780
Isopropylbenzene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
4-Isopropyltoluene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
4-Methyl-2-pentanone	ND	mg/kg	0.00693	1	8/13/03	23:27	J. Yun	8260B	780
Methylene chloride	ND	mg/kg	0.0035	1	8/13/03	23:27	J. Yun	8260B	780
Naphthalene	ND	mg/kg	0.00347	1	8/13/03	23:27	J. Yun	8260B	780
n-Propylbenzene	ND	mg/kg	0.00130	1	8/13/03	23:27	J. Yun	8260B	780
Styrene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Tetrachloroethene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Toluene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,2,3-Trichlorobenzene	ND	mg/kg	0.00130	1	8/13/03	23:27	J. Yun	8260B	780
1,2,4-Trichlorobenzene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
1,1,1-Trichloroethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,1,2-Trichloroethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Trichloroethene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,2,3-Trichloropropane	ND	mg/kg	0.00130	1	8/13/03	23:27	J. Yun	8260B	780
1,2,4-Trimethylbenzene	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
1,3,5-Trimethylbenzene	ND	mg/kg	0.00139	1	8/13/03	23:27	J. Yun	8260B	780
Vinyl chloride	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124623
Sample ID: GP-5(8-10)
Project: 2440-02

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Bromodichloromethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Trichlorofluoromethane	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
Methyl-t-butyl ether	ND	mg/kg	0.0014	1	8/13/03	23:27	J. Yun	8260B	780
METALS									
Arsenic	1.57	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Barium	150.	mg/kg	1.97	1	8/13/03	10:48	C.Johnson	6010B	9217
Cadmium	ND	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Chromium	16.6	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Lead	9.84	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Mercury	ND	mg/kg	0.0993	1	8/13/03	11:53	K. Keller	7471A	9250
Nickel	2.76	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
Selenium	ND	mg/kg	1.97	1	8/13/03	10:48	C.Johnson	6010B	9217
Silver	ND	mg/kg	0.98	1	8/13/03	10:48	C.Johnson	6010B	9217
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	83.0	%			8/14/03	15:40	M. Hicks	CLP	509
Cyanide	ND	mg/kg	2.00	1	8/15/03	9:24	S. Prayter	9012A	9352

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.2 gm	1.0 ml	8/13/03		K. Turner	3550
Volatile Organics	7.21 g	5.0 ml	8/11/03	18:10	C. Bailey	5035

Surrogate	% Recovery	Target Range

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A124623
Sample ID: GP-5(8-10)
Project: 2440-02

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	90.	56. - 139.
VOA Surr Toluene-d8	104.	71. - 127.
VOA Surr, 4-BFB	99.	60. - 141.
VOA Surr, DBFM	97.	67. - 126.
BNA Surr-Nitrobenzene-d5	69.	44. - 99.
BNA Surr-2-Fluorobiphenyl	89.	45. - 94.
BNA Surr-Terphenyl-d14	81.	53. - 104.
BNA Surr-Phenol-d5	94.	46. - 111.
BNA Surr-2-Fluorophenol	92.	41. - 108.
BNA Surr-2,4,6-Tribromophenol	101.	49. - 134.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

BUNNELL-LAMMONS ENGINEERING 2123
TOM LAMMONS
1200 WOODRUFF RD. STE B-7
GREENVILLE, SC 29607

Project: 2440-02
Project Name: MILTON AVE
Sampler: TREVOR BENTON

Lab Number: 03-A124624
Sample ID: B-1(2)
Sample Type: Soil
Site ID: ATLANTA

Date Collected: 8/11/03
Time Collected: 15:30
Date Received: 8/12/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Diesel Range)	367.	mg/kg	103.	10	8/15/03	9:57	M.Jarrett	8015B	485
Oil & Grease as HEM	1260	mg/kg	52.2	1	8/14/03	14:22	M. Rioke	9071B	299

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24.6 gm	1.0 ml	8/13/03		K. Turner	3550

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.
Trph-d surrogate recovery was diluted out due to sample matrix. Trph-d ms/msd recoveries could not be determined due to sample matrix.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 1
Laboratory Receipt Date: 8/12/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	Units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
VOA PARAMETERS								
Benzene	mg/l	< 0.0005	0.0446	0.0500	89	69 - 136	1564	blank
Benzene	mg/l	< 0.0005	0.0442	0.0500	88	68 - 136	9933	blank
Benzene	mg/kg	< 0.0020	0.0434	0.0500	87	53 - 140	780	03-A124732
Chlorobenzene	mg/l	< 0.00020	0.0461	0.0500	92	78 - 126	1564	blank
Chlorobenzene	mg/l	< 0.00030	0.0448	0.0500	90	78 - 125	9933	blank
Chlorobenzene	mg/kg	< 0.0020	0.0419	0.0500	84	43 - 145	780	03-A124732
1,1-Dichloroethene	mg/l	< 0.00060	0.0431	0.0500	86	67 - 141	1564	blank
1,1-Dichloroethene	mg/l	< 0.00060	0.0419	0.0500	84	67 - 141	9933	blank
1,1-Dichloroethene	mg/kg	< 0.0020	0.0471	0.0500	94	53 - 137	780	03-A124732
Toluene	mg/l	< 0.0006	0.0444	0.0500	89	73 - 133	1564	blank
Toluene	mg/l	< 0.0006	0.0425	0.0500	85	73 - 133	9933	blank
Toluene	mg/kg	< 0.0020	0.0419	0.0500	84	47 - 142	780	03-A124732
Trichloroethene	mg/l	< 0.00040	0.0423	0.0500	85	69 - 141	1564	blank
Trichloroethene	mg/l	< 0.00040	0.0428	0.0500	86	69 - 141	9933	blank
Trichloroethene	mg/kg	< 0.0020	0.0468	0.0500	94	51 - 139	780	03-A124732
Tetrachloroethene	mg/l	< 0.00040	0.0429	0.0500	86	71 - 134	1564	blank
Tetrachloroethene	mg/l	< 0.00040	0.0419	0.0500	84	71 - 134	9933	blank
Tetrachloroethene	mg/kg	< 0.0020	0.0445	0.0500	89	42 - 144	780	03-A124732
EXTRACTABLE PARAMETERS								
Phenol	mg/l	< 0.00190	0.0190	0.0500	38	10 - 74	1889	BLANK
Phenol	mg/kg	< 0.330	1.19	1.67	71	35 - 115	442	03-A124619
2-Chlorophenol	mg/l	< 0.00050	0.0360	0.0500	72	36 - 102	1889	BLANK
2-Chlorophenol	mg/kg	< 0.330	1.10	1.67	69	38 - 109	442	03-A124619
1,4-Dichlorobenzene	mg/l	< 0.00060	0.0320	0.0500	64	23 - 101	1889	BLANK
1,4-Dichlorobenzene	mg/kg	< 0.330	1.16	1.67	69	35 - 107	442	03-A124619
N-Nitroso-Di-n-Propylamine	mg/l	< 0.00050	0.0400	0.0500	80	41 - 121	1889	BLANK

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 2
Laboratory Receipt Date: 8/12/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
N-nitrosodi-n-propylamine	mg/kg	< 0.330	1.19	1.67	71	42 - 119	442	03-A124619
1,2,4-Trichlorobenzene	mg/l	< 0.00100	0.0330	0.0500	66	26 - 106	1889	BLANK
1,2,4-Trichlorobenzene	mg/kg	< 0.330	1.25	1.67	75	37 - 109	442	03-A124619
4-Chloro-3-methylphenol	mg/l	< 0.00110	0.0380	0.0500	76	49 - 119	1889	BLANK
4-Chloro-3-methylphenol	mg/kg	< 0.330	1.25	1.67	75	48 - 123	442	03-A124619
Acenaphthene	mg/l	< 0.00110	0.0370	0.0500	74	37 - 114	1889	BLANK
Acenaphthene	mg/kg	< 0.330	1.19	1.67	71	41 - 111	442	03-A124619
2,4-dinitrotoluene	mg/l	< 0.00120	0.0430	0.0500	86	44 - 120	1889	BLANK
2,4-dinitrotoluene	mg/kg	< 0.330	1.32	1.67	79	48 - 123	442	03-A124619
4-Nitrophenol	mg/l	< 0.00070	0.0170	0.0500	34	5 - 85	1889	BLANK
4-Nitrophenol	mg/kg	< 0.330	1.02	1.67	61	36 - 132	442	03-A124619
Pentachlorophenol	mg/l	< 0.00640	0.0430	0.0500	86	43 - 136	1889	BLANK
Pentachlorophenol	mg/kg	< 0.330	1.12	1.67	67	40 - 123	442	03-A124619
Pyrene	mg/l	< 0.00060	0.0420	0.0500	84	28 - 127	1889	BLANK
Pyrene	mg/kg	< 0.330	1.22	1.67	73	41 - 119	442	03-A124619
BNA Surr-Nitrobenzene-d5	% Rec				78	34 - 107	1889	
BNA Surr-2-Fluorobiphenyl	% Rec				76	40 - 96	1889	
BNA Surr-Terphenyl-d14	% Rec				83	26 - 106	1889	
BNA Surr-Phenol-d5	% Rec				37	11 - 53	1889	
BNA Surr-2-Fluorophenol	% Rec				52	19 - 76	1889	
BNA Surr-2,4,6-Tribromophenol	% Rec				100	47 - 144	1889	
METALS								
Arsenic	mg/l	0.0130	0.0630	0.0500	100	80 - 120	9228	Duplicate
Arsenic, Dissolved	mg/l	< 0.0100	0.0530	0.0500	106	80 - 120	158	Duplicate
Barium	mg/l	0.0850	2.14	2.00	103	80 - 120	9228	Duplicato
Barium, Dissolved	mg/l	0.292	2.33	2.00	102	80 - 120	158	Duplicate
Cadmium	mg/l	< 0.0010	0.0520	0.0500	104	80 - 120	9228	Duplicate
Cadmium, Dissolved	mg/l	< 0.0010	0.0470	0.0500	94	80 - 120	158	Duplicate
Chromium	mg/l	< 0.0050	0.209	0.200	104	80 - 120	9228	Duplicate
Chromium, Dissolved	mg/l	< 0.0050	0.194	0.200	97	80 - 120	158	Duplicate

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 3
Laboratory Receipt Date: 8/12/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
Lead	mg/l	< 0.0050	0.0540	0.0500	108	80 - 120	9228	Duplicate
Lead, Dissolved	mg/l	< 0.0050	0.0460	0.0500	92	80 - 120	158	Duplicate
Mercury	mg/l	< 0.00020	0.00111	0.00100	111	80 - 120	9302	03-A123904
Mercury	mg/l	< 0.00030	0.00115	0.00100	115	80 - 120	27	03-A124616
Nickel	mg/l	< 0.0100	0.551	0.500	110	80 - 120	9228	Duplicate
Nickel, Dissolved	mg/l	0.0180	0.503	0.500	97	80 - 120	158	Duplicate
Selenium	mg/l	< 0.0100	0.0590	0.0500	118	80 - 120	9228	Duplicate
Selenium, Dissolved	mg/l	< 0.0100	0.0520	0.0500	104	80 - 120	158	Duplicate
Silver	mg/l	< 0.0050	0.0260	0.0250	104	80 - 120	9228	Duplicate
Silver, Dissolved	mg/l	< 0.0050	0.0470	0.0500	94	80 - 120	158	Duplicate
Arsenic	mg/kg	< 0.97	5.44	20.0	27#	80 - 120	9217	Duplicate
Barium	mg/kg	141.	532.	400.	98	80 - 120	9217	Duplicate
Cadmium	mg/kg	131.	146.	20.0	73@	80 - 120	9217	Duplicate
Mercury	mg/kg	< 0.101	0.168	0.170	99	80 - 120	9250	03-A124619
Selenium	mg/kg	< 1.94	11.5	20.0	58#	80 - 120	9217	Duplicate
Silver	mg/kg	20.8	31.7	10.0	109	80 - 120	9217	Duplicate
Chromium, hexavalent	mg/kg	< 2.00	35.0	40.0	88	80 - 120	8238	03-A124308
MISC PARAMETERS								
Cyanide	mg/l	< 0.500	0.0967	0.100	97	80 - 120	9468	03-A120990
Oil & Grease as HEM	mg/kg	< 50.0	4070	4000	102	80 - 120	299	blank
Cyanide	mg/kg	< 2.00	5.15	5.00	103	80 - 120	9352	03-A124619

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 4
Laboratory Receipt Date: 8/12/03

VOA PARAMETERS						
Benzene	mg/l	0.0440	0.0457	3.44	22.	1564
Benzene	mg/l	0.0442	0.0479	8.03	22.	9933
Benzene	mg/kg	0.0434	0.0366	17.00	34.	780
Chlorobenzene	mg/l	0.0461	0.0474	2.78	17.	1564
Chlorobenzene	mg/l	0.0448	0.0498	10.57	17.	9933
Chlorobenzene	mg/kg	0.0419	0.0350	17.95	44.	780
1,1-Dichloroethene	mg/l	0.0431	0.0460	6.51	21.	1564
1,1-Dichloroethene	mg/l	0.0419	0.0494	16.43	21.	9933
1,1-Dichloroethene	mg/kg	0.0471	0.0436	7.72	35.	780
Toluene	mg/l	0.0444	0.0464	4.41	22.	1564
Toluene	mg/l	0.0425	0.0488	13.80	22.	9933
Toluene	mg/kg	0.0419	0.0372	11.88	39.	780
Trichloroethene	mg/l	0.0423	0.0442	4.39	22.	1564
Trichloroethene	mg/l	0.0428	0.0470	9.35	22.	9933
Trichloroethene	mg/kg	0.0468	0.0415	12.00	38.	780
Tetrachloroethene	mg/l	0.0429	0.0462	7.41	19.	1564
Tetrachloroethene	mg/l	0.0419	0.0494	16.43	19.	9933
Tetrachloroethene	mg/kg	0.0445	0.0416	6.74	41.	780
VOA Surr 1,2-DCA-d4	% Rec		99.			1564
VOA Surr 1,2-DCA-d4	% Rec		98.			9933
VOA Surr 1,2-DCA-d4	% Rec		96.			780
VOA Surr Toluene-d8	% Rec		100.			1564
VOA Surr Toluene-d8	% Rec		101.			9933
VOA Surr Toluene-d8	% Rec		98.			780
VOA Surr, 4-BFB	% Rec		99.			1564
VOA Surr, 4-BFB	% Rec		99.			9933
VOA Surr, 4-BFB	% Rec		97.			780
VOA Surr, DBFM	% Rec		100.			1564
VOA Surr, DBFM	% Rec		100.			9933
VOA Surr, DBFM	% Rec		99.			780

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 5
Laboratory Receipt Date: 8/12/03

EXTRACTABLE PARAMETERS						
Phenol	mg/l	0.0190	0.0200	5.13	47.	1889
Phenol	mg/kg	1.19	1.16	2.55	41.	442
2-Chlorophenol	mg/l	0.0360	0.0390	8.00	45.	1889
2-Chlorophenol	mg/kg	1.16	1.09	6.22	41.	442
1,4-Dichlorobenzene	mg/l	0.0320	0.0350	8.96	42.	1889
1,4-Dichlorobenzene	mg/kg	1.16	1.12	3.51	43.	442
N-Nitroso-Di-n-Propylamine	mg/l	0.0400	0.0430	7.23	39.	1889
N-nitrosodi-n-propylamine	mg/kg	1.19	1.22	2.49	40.	442
1,2,4-Trichlorobenzene	mg/l	0.0330	0.0350	5.88	42.	1889
1,2,4-Trichlorobenzene	mg/kg	1.25	1.19	4.92	42.	442
4-Chloro-3-methylphenol	mg/l	0.0380	0.0400	5.13	40.	1889
4-Chloro-3-methylphenol	mg/kg	1.25	1.25	0.00	40.	442
Acenaphthene	mg/l	0.0370	0.0390	5.26	37.	1889
Acenaphthene	mg/kg	1.19	1.22	2.49	40.	442
2,4-dinitrotoluene	mg/l	0.0430	0.0460	6.74	36.	1889
2,4-dinitrotoluene	mg/kg	1.32	1.35	2.25	42.	442
4-Nitrophenol	mg/l	0.0170	0.0170	0.00	55.	1889
4-Nitrophenol	mg/kg	1.02	1.06	3.85	48.	442
Pentachlorophenol	mg/l	0.0430	0.0470	8.89	47.	1889
Pentachlorophenol	mg/kg	1.12	1.19	6.06	42.	442
Pyrene	mg/l	0.0420	0.0440	4.65	43.	1889
Pyrene	mg/kg	1.22	1.25	2.49	41.	442
BNA Surr-Nitrobenzene-d5	% Rec		83.			1889
BNA Surr-2-Fluorobiphenyl	% Rec		78.			1889
BNA Surr-Terphenyl-d14	% Rec		87.			1889
BNA Surr-Phenol-d5	% Rec		37.			1889
BNA Surr-2-Fluorophenol	% Rec		54.			1889
BNA Surr-2,4,6-Tribromophenol	% Rec		106.			1889
METALS						
Arsenic	mg/l	0.0630	0.0680	7.63	20	9228
Arsenic, Dissolved	mg/l	0.0530	0.0530	0.00	20	158
Barium	mg/l	2.14	2.15	0.47	20	9228
Barium, Dissolved	mg/l	3.33	3.34	0.43	20	158
Cadmium	mg/l	0.0520	0.0520	0.00	20	9228
Cadmium, Dissolved	mg/l	0.0470	0.0480	2.11	20	158

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 6
Laboratory Receipt Date: 8/12/03

Matrix Spike Duplicate

Analyte	Units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Chromium	mg/l	0.209	0.211	0.95	20	9228
Chromium, Dissolved	mg/l	0.194	0.195	0.51	20	158
Lead	mg/l	0.0540	0.0530	1.87	20	9228
Lead, Dissolved	mg/l	0.0460	0.0470	2.15	20	158
Mercury	mg/l	0.00111	0.00109	1.82	20	9302
Mercury	mg/l	0.00115	0.00117	1.72	20	27
Nickel	mg/l	0.551	0.555	0.72	20	9228
Nickel, Dissolved	mg/l	0.503	0.507	0.79	20	158
Selenium	mg/l	0.0590	0.0560	5.22	20	9228
Selenium, Dissolved	mg/l	0.0520	0.0530	1.90	20	158
Silver	mg/l	0.0260	0.0270	3.77	20	9228
Silver, Dissolved	mg/l	0.0470	0.0470	0.00	20	158
Arsenic	mg/kg	5.44	5.24	3.75	20	9217
Barium	mg/kg	532.	536.	0.75	20	9217
Cadmium	mg/kg	146.	148.	1.36	20	9217
Chromium	mg/kg	14600	14700	1.37	20	9217
Lead	mg/kg	4330	4350	0.46	20	9217
Mercury	mg/kg	0.168	0.179	6.09	20	9250
Selenium	mg/kg	11.5	11.5	0.00	20	9217
Silver	mg/kg	31.7	31.8	0.31	20	9217
Chromium, hexavalent	mg/kg	35.0	34.4	1.73	20	8238
Cyanide	mg/l	0.0967	0.0935	3.36	20	9468
Oil & Grease as HEM	mg/kg	4070	4050	0.49	20	299
Cyanide	mg/kg	5.36	6.08	13.24	20	9353

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 7
Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TPH (Diesel Range)	mg/kg	40.0	35.9	90	50 - 125	485
VOA PARAMETERS						
Acetone	ug/l	0.250	0.261	104	52 - 151	9933
Acetone	ug/l	0.250	0.244	98	52 - 151	9933
Acetone	mg/l	0.250	0.257	103	52 - 151	9933
Acetone	mg/kg	0.250	0.225	90	40 - 154	1564
Benzene	ug/l	0.0500	0.0496	99	78 - 125	780
Benzene	ug/l	0.0500	0.0510	102	78 - 125	9933
Benzene	mg/l	0.0500	0.0537	107	78 - 125	9933
Benzene	mg/kg	0.0500	0.0446	89	78 - 127	1564
Bromobenzene	ug/l	0.0500	0.0473	95	75 - 127	780
Bromobenzene	ug/l	0.0500	0.0510	102	75 - 127	9933
Bromobenzene	mg/l	0.0500	0.0510	102	75 - 127	9933
Bromobenzene	mg/kg	0.0500	0.0481	96	75 - 127	1564
Bromochloromethane	ug/l	0.0500	0.0545	109	66 - 128	780
Bromochloromethane	ug/l	0.0500	0.0563	113	72 - 136	9933
Bromochloromethane	mg/l	0.0500	0.0590	118	72 - 136	9933
Bromochloromethane	mg/kg	0.0500	0.0479	96	72 - 136	1564
Bromoform	ug/l	0.0500	0.0449	90	75 - 133	780
Bromoform	ug/l	0.0500	0.0489	98	69 - 130	9933
Bromoform	mg/l	0.0500	0.0473	95	69 - 130	9933
Bromoform	mg/kg	0.0500	0.0482	96	63 - 130	1564
Bromomethane	ug/l	0.0500	0.0423	85	57 - 140	780
Bromomethane	mg/l	0.0500	0.0482	96	46 - 156	9933
Bromomethane	ug/l	0.0500	0.0510	102	46 - 156	9933
Bromomethane	mg/kg	0.0500	0.0531	106	46 - 156	1564
2-Butanone	mg/l	0.250	0.279	112	49 - 154	780
				112	67 - 149	9933

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE

Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	Units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2-Butanone	mg/l	0.250	0.299	120	67 - 143	9933
2-Butanone	mg/l	0.250	0.308	123	67 - 143	1564
2-Butanone	mg/kg	0.250	0.242	97	56 - 149	780
n-Butylbenzene	mg/l	0.0500	0.0485	97	65 - 132	9933
n-Butylbenzene	mg/l	0.0500	0.0489	98	65 - 132	9933
n-Butylbenzene	mg/l	0.0500	0.0495	99	65 - 132	1564
n-Butylbenzene	mg/kg	0.0500	0.0395	79	37 - 148	780
sec-Butylbenzene	mg/l	0.0500	0.0489	98	72 - 129	9933
sec-Butylbenzene	mg/l	0.0500	0.0514	103	72 - 129	9933
sec-Butylbenzene	mg/l	0.0500	0.0522	104	72 - 129	1564
sec-Butylbenzene	mg/kg	0.0500	0.0468	94	62 - 135	780
t-Butylbenzene	mg/l	0.0500	0.0494	99	63 - 128	9933
t-Butylbenzene	mg/l	0.0500	0.0519	104	63 - 128	9933
t-Butylbenzene	mg/l	0.0500	0.0523	105	63 - 128	1564
t-Butylbenzene	mg/kg	0.0500	0.0485	97	66 - 131	780
Carbon disulfide	mg/l	0.0500	0.0543	109	60 - 139	9933
Carbon disulfide	mg/l	0.0500	0.0562	112	60 - 139	9933
Carbon disulfide	mg/l	0.0500	0.0579	116	60 - 139	1564
Carbon disulfide	mg/kg	0.0500	0.0385	77	59 - 138	780
Carbon tetrachloride	mg/l	0.0500	0.0499	100	62 - 140	9933
Carbon tetrachloride	mg/l	0.0500	0.0510	102	62 - 140	9933
Carbon tetrachloride	mg/l	0.0500	0.0530	106	62 - 140	1564
Carbon tetrachloride	mg/kg	0.0500	0.0450	91	61 - 134	780
Chlorobenzene	mg/l	0.0500	0.0499	100	82 - 120	9933
Chlorobenzene	mg/l	0.0500	0.0528	106	82 - 120	9933
Chlorobenzene	mg/l	0.0500	0.0529	106	82 - 120	1564
Chlorobenzene	mg/kg	0.0500	0.0447	89	74 - 125	780
Chloroethane	mg/l	0.0500	0.0500	100	61 - 142	9933
Chloroethane	mg/l	0.0500	0.0518	104	61 - 142	9933
Chloroethane	mg/l	0.0500	0.0532	106	61 - 142	1564
Chloroethane	mg/kg	0.0500	0.0514	103	59 - 147	780

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA

Project Number: 2440-02
Project Name: MILTON AVE
Page: 9
Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Chloroform	mg/l	0.0500	0.0501	100	75 - 129	9933
Chloroform	mg/l	0.0500	0.0542	108	75 - 129	9933
Chloroform	mg/l	0.0500	0.0570	114	75 - 129	1564
Chloroform	mg/kg	0.0500	0.0459	92	73 - 125	780
Chloromethane	mg/l	0.0500	0.0474	95	46 - 147	9933
Chloromethane	mg/l	0.0500	0.0513	103	46 - 147	9933
Chloromethane	mg/l	0.0500	0.0546	109	46 - 147	1564
Chloromethane	mg/kg	0.0500	0.0557	111	40 - 150	780
2-Chlorotoluene	mg/l	0.0500	0.0464	93	76 - 126	9933
2-Chlorotoluene	mg/l	0.0500	0.0488	98	76 - 126	9933
2-Chlorotoluene	mg/l	0.0500	0.0496	99	76 - 126	1564
2-Chlorotoluene	mg/kg	0.0500	0.0455	91	64 - 130	780
4-Chlorotoluene	mg/l	0.0500	0.0489	98	77 - 125	9933
4-Chlorotoluene	mg/l	0.0500	0.0509	102	77 - 125	9933
4-Chlorotoluene	mg/l	0.0500	0.0517	103	77 - 125	1564
4-Chlorotoluene	mg/kg	0.0500	0.0448	90	56 - 136	780
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0521	104	64 - 132	9933
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0500	100	64 - 132	9933
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0529	106	64 - 132	1564
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0485	97	55 - 145	780
Dibromochloromethane	mg/l	0.0500	0.0490	98	74 - 132	9933
Dibromochloromethane	mg/l	0.0500	0.0495	99	74 - 132	9933
Dibromochloromethane	mg/l	0.0500	0.0494	99	74 - 132	1564
Dibromochloromethane	mg/kg	0.0500	0.0434	87	68 - 132	780
1,2-Dibromoethane	mg/l	0.0500	0.0526	105	77 - 128	9933
1,2-Dibromoethane	mg/l	0.0500	0.0548	110	77 - 128	9933
1,2-Dibromoethane	mg/l	0.0500	0.0565	113	77 - 128	1564
1,2-Dibromoethane	mg/kg	0.0500	0.0503	101	71 - 131	780
Dibromomethane	mg/l	0.0500	0.0498	100	74 - 133	9933
Dibromomethane	mg/l	0.0500	0.0518	104	74 - 133	9933
Dibromomethane	mg/l	0.0500	0.0546	109	74 - 133	1564

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 10
Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	Units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Dibromomethane	mg/kg	0.0500	0.0489	98	71 - 131	780
1,2-Dichlorobenzene	ug/l	0.0500	0.0490	98	77 - 129	9933
1,2-Dichlorobenzene	mg/l	0.0500	0.0505	101	77 - 129	9933
1,2-Dichlorobenzene	mg/l	0.0500	0.0512	102	77 - 129	1564
1,2-Dichlorobenzene	ug/kg	0.0500	0.0494	99	38 - 152	780
1,3-Dichlorobenzene	ug/l	0.0500	0.0489	98	79 - 125	9933
1,3-Dichlorobenzene	mg/l	0.0500	0.0514	103	79 - 125	9933
1,3-Dichlorobenzene	mg/l	0.0500	0.0519	104	79 - 125	1564
1,3-Dichlorobenzene	ug/kg	0.0500	0.0452	90	55 - 136	780
1,4-Dichlorobenzene	ug/l	0.0500	0.0484	97	78 - 121	9933
1,4-Dichlorobenzene	mg/l	0.0500	0.0504	101	78 - 121	9933
1,4-Dichlorobenzene	ug/l	0.0500	0.0513	103	78 - 121	1564
1,4-Dichlorobenzene	ug/kg	0.0500	0.0455	91	54 - 134	780
Dichlorodifluoromethane	mg/l	0.0500	0.0468	94	45 - 149	9933
Dichlorodifluoromethane	ug/l	0.0500	0.0533	107	45 - 149	9933
Dichlorodifluoromethane	mg/l	0.0500	0.0551	110	45 - 149	1564
Dichlorodifluoromethane	ug/kg	0.0500	0.0624	125	44 - 156	780
1,1-Dichloroethane	ug/l	0.0500	0.0485	97	75 - 129	9933
1,1-Dichloroethane	mg/l	0.0500	0.0514	103	75 - 129	9933
1,1-Dichloroethane	ug/l	0.0500	0.0520	104	75 - 129	1564
1,1-Dichloroethane	ug/kg	0.0500	0.0457	91	70 - 131	780
1,2-Dichloroethane	mg/l	0.0500	0.0494	99	69 - 135	9933
1,2-Dichloroethane	ug/l	0.0500	0.0514	103	69 - 135	9933
1,2-Dichloroethane	mg/l	0.0500	0.0541	108	69 - 135	1564
1,2-Dichloroethane	ug/kg	0.0500	0.0444	89	57 - 142	780
1,1-Dichloroethene	ug/l	0.0500	0.0488	98	73 - 132	9933
1,1-Dichloroethene	mg/l	0.0500	0.0541	108	73 - 132	9933
1,1-Dichloroethene	ug/l	0.0500	0.0531	106	73 - 132	1564
1,1-Dichloroethene	mg/kg	0.0500	0.0456	92	67 - 131	780
cis-1,2-Dichloroethene	ug/l	0.0500	0.0481	96	72 - 132	9933
cis-1,2-Dichloroethene	mg/l	0.0500	0.0528	106	72 - 132	9933

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 11
Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	Units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
cis-1,3-Dichloroethene	mg/l	0.0500	0.0561	112	72 - 132	1864
cis-1,2-Dichloroethene	mg/kg	0.0500	0.0453	91	71 - 127	780
trans-1,2-Dichloroethene	mg/l	0.0500	0.0483	97	71 - 134	9933
trans-1,2-Dichloroethene	mg/l	0.0500	0.0508	102	71 - 134	9933
trans-1,2-Dichloroethene	mg/l	0.0500	0.0529	106	71 - 134	1564
trans-1,2-Dichloroethene	mg/kg	0.0500	0.0430	86	67 - 129	780
1,2-Dichloropropane	mg/l	0.0500	0.0484	97	81 - 126	9933
1,2-Dichloropropane	mg/l	0.0500	0.0513	103	81 - 126	9933
1,3-Dichloropropane	mg/l	0.0500	0.0540	108	81 - 126	1564
1,2-Dichloropropane	mg/kg	0.0500	0.0496	99	74 - 130	780
1,3-Dichloropropane	mg/l	0.0500	0.0504	101	83 - 127	9933
1,3-Dichloropropane	mg/l	0.0500	0.0531	106	83 - 127	9933
1,3-Dichloropropane	mg/l	0.0500	0.0528	106	83 - 127	1564
1,3-Dichloropropane	mg/kg	0.0500	0.0480	96	72 - 133	780
2,2-Dichloropropane	mg/l	0.0500	0.0536	107	39 - 151	9933
2,2-Dichloropropane	mg/l	0.0500	0.0520	104	39 - 151	9933
2,2-Dichloropropane	mg/l	0.0500	0.0501	100	39 - 151	1564
2,2-Dichloropropane	mg/kg	0.0500	0.0406	81	58 - 132	780
1,1-Dichloropropene	mg/l	0.0500	0.0548	110	77 - 128	9933
1,1-Dichloropropene	mg/l	0.0500	0.0550	110	77 - 128	9933
1,1-Dichloropropene	mg/l	0.0500	0.0568	114	77 - 128	1564
1,1-Dichloropropene	mg/kg	0.0500	0.0460	92	72 - 125	780
cis-1,3-Dichloropropene	mg/l	0.0500	0.0507	101	71 - 133	9933
cis-1,3-Dichloropropene	mg/l	0.0500	0.0509	102	71 - 133	9933
cis-1,3-Dichloropropene	mg/l	0.0500	0.0507	101	71 - 133	1564
cis-1,3-Dichloropropene	mg/kg	0.0500	0.0494	99	74 - 129	780
trans-1,3-Dichloropropene	mg/l	0.0500	0.0501	100	69 - 131	9933
trans-1,3-Dichloropropene	mg/l	0.0500	0.0502	100	69 - 131	9933
trans-1,3-Dichloropropene	mg/l	0.0500	0.0493	99	69 - 131	1564
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0420	84	68 - 131	780
Ethylbenzene	mg/l	0.0500	0.0508	102	79 - 129	9933

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE

Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Ethylbenzene	mg/l	0.0500	0.0523	105	79 - 125	9993
Ethylbenzene	mg/l	0.0500	0.0524	105	79 - 125	1564
Ethylbenzene	mg/kg	0.0500	0.0441	88	69 - 138	780
Hexachlorobutadiene	mg/l	0.0500	0.0519	104	60 - 134	9933
Hexachlorobutadiene	mg/l	0.0500	0.0519	104	60 - 134	9933
Hexachlorobutadiene	mg/l	0.0500	0.0516	103	60 - 134	1564
Hexachlorobutadiene	mg/kg	0.0500	0.0370	74	41 - 147	780
2-Hexanone	mg/l	0.250	0.288	115	68 - 145	9933
2-Hexanone	mg/l	0.250	0.285	114	68 - 145	9933
2-Hexanone	mg/l	0.250	0.292	117	68 - 145	1564
2-Hexanone	mg/kg	0.250	0.253	101	55 - 156	780
Isopropylbenzene	mg/l	0.0500	0.0506	101	75 - 128	9993
Isopropylbenzene	mg/l	0.0500	0.0517	103	75 - 128	9993
Isopropylbenzene	mg/l	0.0500	0.0520	104	75 - 128	1564
Isopropylbenzene	mg/kg	0.0500	0.0440	88	67 - 131	780
4-Isopropyltoluene	mg/l	0.0500	0.0486	97	73 - 128	9933
4-Isopropyltoluene	mg/l	0.0500	0.0501	100	73 - 128	9933
4-Isopropyltoluene	mg/l	0.0500	0.0507	101	73 - 128	1564
4-Isopropyltoluene	mg/kg	0.0500	0.0446	89	51 - 141	780
4-Methyl-2-pentanone	mg/l	0.250	0.278	111	71 - 143	9993
4-Methyl-2-pentanone	mg/l	0.250	0.274	110	71 - 143	9933
4-Methyl-2-pentanone	mg/l	0.250	0.281	112	71 - 143	1564
4-Methyl-2-pentanone	mg/kg	0.250	0.226	90	56 - 161	780
Methylene chloride	mg/l	0.0500	0.0470	94	74 - 131	9993
Methylene chloride	mg/l	0.0500	0.0494	99	74 - 131	9933
Methylene chloride	mg/l	0.0500	0.0505	101	74 - 131	1564
Methylene chloride	mg/kg	0.0500	0.0532	106	58 - 137	780
Naphthalene	mg/l	0.0500	0.0496	99	62 - 142	9933
Naphthalene	mg/l	0.0500	0.0491	98	62 - 142	9939
Naphthalene	mg/l	0.0500	0.0538	108	62 - 142	1564
Naphthalene	mg/kg	0.0500	0.0523	105	58 - 143	780

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 13
Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	Units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
n-Propylbenzene	mg/l	0.0500	0.0484	97	73 - 128	9933
n-Propylbenzene	mg/l	0.0500	0.0504	101	73 - 128	9933
n-Propylbenzene	mg/l	0.0500	0.0535	107	73 - 128	1564
n-Propylbenzene	ug/kg	0.0500	0.0446	90	57 - 137	780
Styrene	mg/l	0.0500	0.0522	104	80 - 126	9933
Styrene	mg/l	0.0500	0.0544	109	80 - 126	9933
Styrene	mg/l	0.0500	0.0548	110	80 - 126	1564
Styrene	ug/kg	0.0500	0.0481	96	73 - 130	780
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0479	96	78 - 132	9933
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0504	101	78 - 132	9933
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0509	102	78 - 132	1564
1,1,1,2-Tetrachloroethane	ug/kg	0.0500	0.0513	103	74 - 128	780
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0525	105	70 - 135	9933
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0553	111	70 - 135	9933
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0570	114	70 - 135	1564
1,1,2,2-Tetrachloroethane	ug/kg	0.0500	0.0543	109	69 - 137	780
Tetrachloroethene	mg/l	0.0500	0.0539	107	74 - 128	9933
Tetrachloroethene	mg/l	0.0500	0.0535	107	74 - 128	9933
Tetrachloroethene	mg/l	0.0500	0.0522	104	74 - 128	1564
Tetrachloroethene	ug/kg	0.0500	0.0456	91	65 - 132	780
Toluene	mg/l	0.0500	0.0490	98	79 - 125	9933
Toluene	mg/l	0.0500	0.0515	103	79 - 125	9933
Toluene	mg/l	0.0500	0.0519	103	79 - 125	1564
Toluene	ug/kg	0.0500	0.0469	94	73 - 128	780
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0561	112	69 - 136	9933
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0562	112	69 - 136	9933
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0606	121	69 - 136	1564
1,2,3-Trichlorobenzene	ug/kg	0.0500	0.0442	88	48 - 146	780
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0529	105	69 - 131	9933
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0531	106	69 - 131	9933
1,2,4-Trichlorobenzene	ug/l	0.0500	0.0556	111	69 - 131	1564

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 14
Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0409	82	31 - 166	780
1,1,1-Trichloroethane	mg/l	0.0500	0.0521	104	72 - 132	9933
1,1,1-Trichloroethane	mg/l	0.0500	0.0550	110	72 - 132	9933
1,1,1-Trichloroethane	mg/l	0.0500	0.0578	116	72 - 132	1564
1,1,1-Trichloroethane	mg/kg	0.0500	0.0449	90	65 - 130	780
1,1,2-Trichloroethane	mg/l	0.0500	0.0514	103	80 - 133	9933
1,1,2-Trichloroethane	mg/l	0.0500	0.0513	103	80 - 133	9933
1,1,2-Trichloroethane	mg/l	0.0500	0.0540	108	80 - 133	1564
1,1,2-Trichloroethane	mg/kg	0.0500	0.0484	97	72 - 133	780
Trichloroethene	mg/l	0.0500	0.0489	97	74 - 133	9933
Trichloroethene	mg/l	0.0500	0.0498	100	74 - 133	9933
Trichloroethene	mg/l	0.0500	0.0517	103	74 - 133	1564
Trichloroethene	mg/kg	0.0500	0.0454	91	71 - 120	780
1,2,3-Trichloropropane	mg/l	0.0500	0.0552	110	69 - 136	9933
1,2,3-Trichloropropane	mg/l	0.0500	0.0535	107	69 - 136	9933
1,2,3-Trichloropropane	mg/l	0.0500	0.0571	114	69 - 136	1564
1,2,3-Trichloropropane	mg/kg	0.0500	0.0529	106	64 - 139	780
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0477	95	73 - 130	9933
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0504	101	73 - 130	9933
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0507	101	73 - 130	1564
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0449	90	67 - 136	780
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0487	97	73 - 130	9933
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0511	102	73 - 130	9933
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0516	103	73 - 130	1564
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0469	94	60 - 135	780
Vinyl chloride	mg/l	0.0500	0.0480	96	63 - 140	9933
Vinyl chloride	mg/l	0.0500	0.0528	106	63 - 140	9933
Vinyl chloride	mg/l	0.0500	0.0552	110	63 - 140	1564
Vinyl chloride	mg/kg	0.0500	0.0560	112	62 - 141	780
Xylenes (Total)	mg/l	0.150	0.148	99	78 - 127	9933
Xylenes (Total)	mg/l	0.150	0.156	104	78 - 127	9933

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 15
Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Xylenes (Total)	mg/l	0.150	0.158	105	78 - 127	1564
Xylenes (Total)	mg/kg	0.150	0.131	87	69 - 128	780
Bromodichloromethane	ug/l	0.0500	0.0475	95	77 - 132	9933
Bromodichloromethane	mg/l	0.0500	0.0486	97	77 - 132	9933
Bromodichloromethane	mg/l	0.0500	0.0515	103	77 - 132	1564
Bromodichloromethane	mg/kg	0.0500	0.0438	88	69 - 133	780
Trichlorofluoromethane	ug/l	0.0500	0.0496	99	59 - 142	9933
Trichlorofluoromethane	mg/l	0.0500	0.0512	102	59 - 142	9933
Trichlorofluoromethane	mg/l	0.0500	0.0515	103	59 - 142	1564
Trichlorofluoromethane	mg/kg	0.0500	0.0492	80	61 - 137	780
Methyl-t-butyl ether	ug/l	0.0500	0.0497	99	71 - 135	9933
Methyl-t-butyl ether	mg/l	0.0500	0.0492	98	71 - 136	9933
Methyl-t-butyl ether	mg/l	0.0500	0.0524	105	71 - 135	1564
Methyl-t-butyl ether	mg/kg	0.0500	0.0459	93	98 - 142	780
VOA Surr 1,2-DCA-d4	% Rec			98	70 - 133	9933
VOA Surr 1,2-DCA-d4	% Rec			97	70 - 133	9933
VOA Surr 1,2-DCA-d4	% Rec			97	70 - 133	1564
VOA Surr 1,2-DCA-d4	% Rec			90	58 - 139	780
VOA Surr Toluene-d8	% Rec			100	76 - 123	9933
VOA Surr Toluene-d8	% Rec			100	76 - 123	9933
VOA Surr Toluene-d8	% Rec			98	76 - 123	1564
VOA Surr Toluene-d8	% Rec			98	71 - 127	780
VOA Surr, 4-BFB	% Rec			96	71 - 132	9933
VOA Surr, 4-BFB	% Rec			99	71 - 132	9933
VOA Surr, 4-BFB	% Rec			98	71 - 132	1564
VOA Surr, 4-BFB	% Rec			106	80 - 141	780
VOA Surr, DBFM	% Rec			100	74 - 120	9933
VOA Surr, DBFM	% Rec			103	74 - 120	9933
VOA Surr, DBFM	% Rec			102	74 - 120	1564
VOA Surr, DBFM	% Rec			97	67 - 126	780

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE

Laboratory Receipt Date: 8/12/03

EXTRACTABLE PARAMETERS						
Acenaphthene	mg/l	0.0500	0.0360	72	40 - 114	1889
Acenaphthene	ug/kg	1.67	1.35	81	43 - 111	442
Acenaphthylene	mg/l	0.0500	0.0370	74	43 - 118	1889
Acenaphthylene	mg/kg	1.67	1.32	79	42 - 110	442
Anthracene	mg/l	0.0500	0.0430	86	45 - 127	1889
Anthracene	mg/kg	1.67	1.35	81	46 - 118	442
Benzo(a)anthracene	mg/l	0.0500	0.0410	82	44 - 120	1889
Benzo(a)anthracene	mg/kg	1.67	1.35	81	47 - 119	442
Benzo(a)pyrene	mg/l	0.0500	0.0420	84	47 - 131	1889
Benzo(a)pyrene	mg/kg	1.67	1.35	81	48 - 121	442
Benzo(b)fluoranthene	mg/l	0.0500	0.0340	68	43 - 129	1889
Benzo(b)fluoranthene	mg/kg	1.67	1.48	89	49 - 122	442
Benzo(g,h,i)perylene	mg/l	0.0500	0.0350	70	26 - 140	1889
Benzo(g,h,i)perylene	ug/kg	1.67	0.759	45	29 - 131	442
Benzo(k)fluoranthene	mg/l	0.0500	0.0430	86	50 - 128	1889
Benzo(k)fluoranthene	mg/kg	1.67	1.45	87	50 - 121	442
4-Bromophenyl-phenylether	mg/l	0.0500	0.0420	84	49 - 120	1889
4-Bromophenylphenylether	mg/kg	1.67	1.35	81	50 - 114	442
Butylbenzylphthalate	mg/l	0.0500	0.0420	84	28 - 135	1889
Butylbenzylphthalate	mg/kg	1.67	1.45	87	48 - 123	442
Carbazole	mg/l	0.0500	0.0380	76	46 - 137	1889
Carbazole	mg/kg	1.67	1.19	71	42 - 132	442
4-Chloro-3-methylphenol	mg/l	0.0500	0.0360	72	49 - 119	1889
4-Chloro-3-methylphenol	mg/kg	1.67	1.39	83	49 - 123	442
4-Chloroaniline	mg/l	0.0500	0.0330	66	40 - 119	1889
4-Chloroaniline	mg/kg	1.67	1.06	63	37 - 124	442
Bis(2-chloroethoxy)methane	mg/l	0.0500	0.0370	74	40 - 114	1889
bis(2-Chloroethoxy)methane	mg/kg	1.67	1.29	77	38 - 113	442
Bis(2-chloroethyl)ether	mg/l	0.0500	0.0380	76	34 - 119	1889
bis(2-Chloroethyl)ether	mg/kg	1.67	1.32	79	35 - 111	442
Bis(2-chloroisopropyl)ether	mg/l	0.0500	0.0370	74	34 - 110	1889
bis(2-Chloroisopropyl)ether	mg/kg	1.67	1.22	73	37 - 109	442
2-Chloronaphthalene	mg/l	0.0500	0.0360	72	34 - 114	1889
2-Chloronaphthalene	mg/kg	1.67	1.35	81	40 - 113	442
2-Chlorophenol	ug/l	0.0500	0.0340	68	36 - 102	1889

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 17
Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	units	Known Val	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2-Chlorophenol	mg/kg	1.67	1.29	77	38 - 109	442
4-Chlorophenyl-phenylether	mg/l	0.0600	0.0390	78	45 - 119	1889
4-Chlorophenylphenylether	ug/kg	1.67	1.39	83	46 - 115	442
Chrysene	mg/l	0.0500	0.0410	82	47 - 135	1889
Chrysene	mg/kg	1.67	1.35	81	47 - 129	442
Dibenzofuran	mg/l	0.0500	0.0390	78	44 - 116	1889
Dibenzofuran	mg/kg	1.67	1.39	83	45 - 119	442
Dibenz(a,h)anthracene	mg/l	0.0500	0.0380	76	33 - 140	1889
Dibenz(a,h)anthracene	mg/kg	1.67	0.891	53	31 - 130	442
1,2-Dichlorobenzene	mg/l	0.0500	0.0330	66	24 - 104	1889
1,2-Dichlorobenzene	mg/kg	1.67	1.25	75	34 - 109	442
1,3-Dichlorobenzene	mg/l	0.0500	0.0300	60	22 - 100	1889
1,3-Dichlorobenzene	ug/kg	1.67	1.22	73	36 - 109	442
1,4-Dichlorobenzene	mg/l	0.0500	0.0310	62	23 - 101	1889
1,4-Dichlorobenzene	mg/kg	1.67	1.29	77	35 - 107	442
3,3'-Dichlorobenzidine	mg/l	0.0500	0.0390	78	50 - 164	1889
3,3'-Dichlorobenzidine	mg/kg	1.67	1.06	63	45 - 165	442
2,4-Dichlorophenol	mg/l	0.0500	0.0370	74	41 - 117	1889
2,4-Dichlorophenol	mg/kg	1.67	1.35	81	40 - 117	442
Diethylphthalate	mg/l	0.0500	0.0380	76	2 - 147	1889
Diethylphthalate	mg/kg	1.67	1.35	81	48 - 120	442
2,4-Dimethylphenol	mg/l	0.0500	0.0340	68	35 - 109	1889
2,4-Dimethylphenol	mg/kg	1.67	1.32	79	37 - 121	442
Dimethylphthalate	mg/l	0.0500	0.0410	82	31 - 133	1889
Dimethylphthalate	mg/kg	1.67	1.42	85	47 - 116	442
Di-n-Butylphthalate	mg/l	0.0500	0.0450	90	32 - 133	1889
Di-n-butylphthalate	ug/kg	1.67	1.43	85	48 - 123	442
4,6-Dinitro-2-methylphenol	mg/l	0.0500	0.0430	86	49 - 135	1889
4,6-Dinitro-2-methylphenol	mg/kg	1.67	0.759	45	45 - 128	442
2,4-Dinitrophenol	ug/l	0.0500	0.0370	74	44 - 128	1889
2,4-Dinitrophenol	mg/kg	1.67	0.759	45	35 - 134	442

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 18
Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	Units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2,4-dinitrotoluene	mg/l	0.0500	0.0410	82	49 - 126	1889
2,4-dinitrotoluene	mg/kg	1.67	1.52	91	50 - 123	442
2,6-Dinitrotoluene	mg/l	0.0500	0.0420	84	50 - 124	1889
2,6-Dinitrotoluene	mg/kg	1.67	1.45	87	50 - 118	442
Di-n-octylphthalate	mg/l	0.0500	0.0410	82	37 - 149	1889
Di-n-octylphthalate	mg/kg	1.67	1.78	107	39 - 139	442
Fluoranthene	mg/l	0.0500	0.0420	84	46 - 128	1889
Fluoranthene	mg/kg	1.67	1.35	81	49 - 119	442
Fluorene	mg/l	0.0500	0.0420	84	46 - 120	1889
Fluorene	mg/kg	1.67	1.35	81	48 - 114	442
Hexachlorobenzene	mg/l	0.0500	0.0440	88	50 - 124	1889
Hexachlorobenzene	mg/kg	1.67	1.42	85	50 - 115	442
Hexachlorobutadiene	mg/l	0.0500	0.0300	60	33 - 109	1889
Hexachlorobutadiene	mg/kg	1.67	1.32	79	34 - 114	442
Hexachlorocyclopentadiene	mg/l	0.0500	0.0280	56	11 - 101	1889
Hexachlorocyclopentadiene	mg/kg	1.67	1.02	61	23 - 109	442
Hexachloroethane	mg/l	0.0500	0.0290	58	23 - 103	1889
Hexachloroethane	mg/kg	1.67	1.22	73	36 - 110	442
Indeno(1,2,3-cd)pyrene	mg/l	0.0500	0.0370	74	33 - 136	1889
Indeno(1,2,3-cd)pyrene	mg/kg	1.67	0.825	49	40 - 120	442
Isophorone	mg/l	0.0500	0.0380	76	40 - 110	1889
Isophorone	mg/kg	1.67	1.32	79	40 - 116	442
2-Methylnaphthalene	mg/l	0.0500	0.0340	68	32 - 113	1889
2-Methylnaphthalene	mg/kg	1.67	1.35	81	39 - 113	442
2-Methylphenol	mg/l	0.0500	0.0310	62	15 - 102	1889
2-Methylphenol	mg/kg	1.67	1.35	81	37 - 119	442
3 and 4-Methylphenol	mg/l	0.0500	0.0270	54	27 - 89	1889
m,p-Methylphenol	mg/kg	1.67	1.32	79	40 - 116	442
Naphthalene	mg/l	0.0500	0.0330	66	28 - 110	1889
Naphthalene	mg/kg	1.67	1.25	75	35 - 112	442
2-Nitroaniline	mg/l	0.0500	0.0320	64	46 - 134	1889

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE

Laboratory Receipt Date: 8/12/03

Laboratory Control Data

Analyte	Units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2-Nitroaniline	mg/kg	1.67	1.29	77	40 - 123	442
3-Nitroaniline	mg/l	0.0500	0.0320	64	42 - 120	1889
3-Nitroaniline	mg/kg	1.67	1.12	67	45 - 131	442
4-Nitroaniline	mg/l	0.0500	0.0340	68	42 - 130	1889
4-Nitroaniline	mg/kg	1.67	1.16	69	43 - 130	442
Nitrobenzene	mg/l	0.0500	0.0370	74	37 - 115	1889
Nitrobenzene	ug/kg	1.67	1.29	77	37 - 114	442
2-Nitrophenol	mg/l	0.0500	0.0370	74	32 - 128	1889
2-Nitrophenol	mg/kg	1.67	1.32	79	57 - 123	442
4-Nitrophenol	mg/l	0.0500	0.0160	32	10 - 85	1889
4-Nitrophenol	ug/kg	1.67	1.12	67	39 - 132	442
N-Nitroso-Di-n-Propylamine	mg/l	0.0500	0.0390	78	43 - 121	1889
N-nitrosodi-n-propylamine	mg/kg	1.67	1.25	75	42 - 119	442
N-Nitrosodiphenylamine	ug/l	0.0500	0.0440	88	48 - 121	1889
N-nitrosodiphenylamine	mg/kg	1.67	1.39	83	49 - 116	442
Pentachlorophenol	mg/l	0.0500	0.0400	80	43 - 136	1889
Pentachlorophenol	mg/kg	1.67	1.22	73	47 - 123	442
Phenanthrene	ug/l	0.0500	0.0410	82	46 - 124	1889
Phenanthrene	mg/kg	1.67	1.35	81	47 - 117	442
Phenol	mg/l	0.0500	0.0180	36	10 - 74	1889
Phenol	mg/kg	1.67	1.29	77	35 - 115	442
Pyrene	ug/l	0.0500	0.0400	80	46 - 133	1889
Pyrene	mg/kg	1.67	1.35	81	46 - 119	442
Bis(2-ethylhexyl)phthalate	ug/l	0.0500	0.0410	82	44 - 134	1889
Bis(2-ethylhexyl)phthalate	mg/kg	1.67	1.48	89	47 - 126	442
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0320	64	26 - 108	1889
1,2,4-Trichlorobenzene	ug/kg	1.67	1.29	77	37 - 109	442
2,4,5-Trichlorophenol	mg/l	0.0500	0.0390	78	47 - 128	1889
2,4,5-Trichlorophenol	mg/kg	1.67	1.39	83	45 - 121	442
2,4,6-Trichlorophenol	mg/l	0.0500	0.0370	74	43 - 125	1889
2,4,6-Trichlorophenol	mg/kg	1.67	1.35	81	44 - 117	442

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 20
Laboratory Receipt Date: 8/12/03

BNA Surr-Nitrobenzene-d5	% Rec			78	54 - 107	1669
BNA Surr-2-Fluorobiphenyl	% Rec			74	40 - 96	1669
BNA Surr-Terphenyl-d14	% Rec			83	26 - 106	1669
BNA Surr-Phenol-d5	% Rec			35	11 - 53	1669
BNA Surr-2-Fluorophenol	% Rec			50	19 - 76	1669
BNA Surr-2,4,6-Tribromophenol	% Rec			98	47 - 144	1669
METALS						
Arsenic	mg/l	0.0500	0.0600	120 #	80 - 120	9228
Arsenic, Dissolved	mg/l	0.0500	0.0520	104	80 - 120	158
Barium	mg/l	2.00	1.99	100	80 - 120	9228
Barium, Dissolved	mg/l	2.00	2.11	106	80 - 120	158
Cadmium	mg/l	0.0500	0.0510	102	80 - 120	9228
Cadmium, Dissolved	mg/l	0.0500	0.0510	102	80 - 120	158
Chromium	mg/l	0.200	0.203	102	80 - 120	9228
Chromium, Dissolved	mg/l	0.200	0.207	104	80 - 120	158
Lead	mg/l	0.0500	0.0530	106	80 - 120	9228
Lead, Dissolved	mg/l	0.0500	0.0500	100	80 - 120	158
Mercury	mg/l	0.00100	0.00100	100	86 - 121	9302
Mercury	mg/l	0.00100	0.00100	100	86 - 121	27
Nickel	mg/l	0.500	0.533	107	80 - 120	9228
Nickel, Dissolved	mg/l	0.500	0.516	103	80 - 120	158
Selenium	mg/l	0.0500	0.0540	108	80 - 120	9228
Selenium, Dissolved	mg/l	0.0500	0.0540	108	80 - 120	158
Silver	mg/l	0.0250	0.0260	104	80 - 120	9228
Silver, Dissolved	mg/l	0.0600	0.0630	106	80 - 120	158
Arsenic	mg/kg	20.0	18.6	93	80 - 120	9217
Barium	mg/kg	400.	394.	98	80 - 120	9217
Cadmium	mg/kg	20.0	19.4	97	80 - 120	9217
Chromium	mg/kg	40.0	40.8	102	80 - 120	9217
Lead	mg/kg	100.	98.4	98	80 - 120	9217
Mercury	mg/kg	0.170	0.152	89	65 - 115	9250
Nickel	mg/kg	100.	95.2	95	80 - 120	9217
Selenium	mg/kg	20.0	19.4	97	80 - 120	9217
Silver	mg/kg	10.0	11.2	112	75 - 125	9217
Chromium, Hexavalent	mg/kg	40.0	36.0	90	85 - 115	8238

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 21
Laboratory Receipt Date: 8/12/03

MISC PARAMETERS						
Cyanide	mg/l	0.100	0.101	101	90 - 110	9468
Oil & Grease as HEM	mg/kg	4000	3600	90	70 - 117	299
Cyanide	mg/kg	5.00	5.44	109	84 - 113	9352

Duplicates

Analyte	Units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Chromium, hexavalent	mg/kg	< 2.00	< 2.00	N/A	15.	8230	03-A124619
Cyanide	mg/l	< 0.0050	0.0070	N/A	15.	9468	03-A120993
Cyanide	mg/kg	< 2.00	< 2.00	N/A	15.	9352	03-A124623

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VBT PARAMETERS					
TPH (Diesel Range)	< 10.0	mg/kg	485	8/14/03	9:28
VOA PARAMETERS					
Acetone	< 0.00470	mg/l	9933	8/12/03	7:59
Acetone	< 0.00470	mg/l	9933	8/12/03	18:26
Acetone	< 0.00470	mg/l	1564	8/13/03	5:18
Acetone	< 0.0103	mg/kg	780	8/13/03	14:53
Benzene	< 0.0005	mg/l	9933	8/12/03	7:59
Benzene	< 0.0005	mg/l	9933	8/12/03	18:26
Benzene	< 0.0005	mg/l	1564	8/13/03	5:10
Benzene	< 0.0003	mg/kg	780	8/13/03	14:53
Bromobenzene	< 0.00030	mg/l	9933	8/12/03	7:59
Bromobenzene	< 0.00030	mg/l	9933	8/12/03	18:26

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 22
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Bromobenzene	< 0.00030	mg/l	1564	8/13/03	5:18
Bromobenzene	< 0.00050	mg/kg	780	8/13/03	14:53
Bromochloromethane	< 0.00030	mg/l	9933	8/12/03	7:59
Bromochloromethane	< 0.00030	mg/l	9933	8/12/03	18:26
Bromochloromethane	< 0.00030	mg/l	1564	8/13/03	5:18
Bromochloromethane	< 0.00050	mg/kg	780	8/13/03	14:53
Bromoform	< 0.00060	mg/l	9933	8/12/03	7:59
Bromoform	< 0.00060	mg/l	9933	8/12/03	18:26
Bromoform	< 0.00060	mg/l	1564	8/13/03	5:18
Bromoform	< 0.0008	mg/kg	780	8/13/03	14:53
Bromomethane	< 0.00060	mg/l	9933	8/12/03	7:59
Bromomethane	< 0.00060	mg/l	9933	8/12/03	18:26
Bromomethane	< 0.00060	mg/l	1564	8/13/03	5:18
Bromomethane	< 0.0009	mg/kg	780	8/13/03	14:53
2-Butanone	< 0.00310	mg/l	9933	8/12/03	7:59
2-Butanone	< 0.00310	mg/l	9933	8/12/03	18:26
2-Butanone	< 0.00310	mg/l	1564	8/13/03	5:18
2-Butanone	< 0.0210	mg/kg	780	8/13/03	14:53
n-Butylbenzene	< 0.00010	mg/l	9933	8/12/03	7:59
n-Butylbenzene	< 0.00010	mg/l	9933	8/12/03	18:26
n-Butylbenzene	< 0.00010	mg/l	1564	8/13/03	5:18
n-Butylbenzene	< 0.00070	mg/kg	780	8/13/03	14:53
sec-Butylbenzene	< 0.00030	mg/l	9933	8/12/03	7:59
sec-Butylbenzene	< 0.00030	mg/l	9933	8/12/03	18:26
sec-Butylbenzene	< 0.00030	mg/l	1564	8/13/03	5:18
sec-Butylbenzene	< 0.00070	mg/kg	780	8/13/03	14:53
t-Butylbenzene	< 0.00030	mg/l	9933	8/12/03	7:59
t-Butylbenzene	< 0.00030	mg/l	9933	8/12/03	18:26
t-Butylbenzene	< 0.00030	mg/l	1564	8/13/03	5:18
t-Butylbenzene	< 0.00060	mg/kg	780	8/13/03	14:53
Carbon disulfide	< 0.00020	mg/l	9933	8/12/03	7:59

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 23
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Carbon disulfide	< 0.00040	mg/l	9933	8/12/03	18:26
Carbon disulfide	< 0.00020	mg/l	1564	8/13/03	5:18
Carbon disulfide	< 0.00040	mg/kg	780	8/13/03	14:53
Carbon tetrachloride	< 0.00040	mg/l	9933	8/12/03	7:59
Carbon tetrachloride	< 0.00040	mg/l	9933	8/12/03	18:26
Carbon tetrachloride	< 0.00040	mg/l	1564	8/13/03	5:18
Carbon tetrachloride	< 0.0008	mg/kg	780	8/13/03	14:53
Chlorobenzene	< 0.00020	mg/l	9933	8/12/03	7:59
Chlorobenzene	< 0.00020	mg/l	9933	8/12/03	18:26
Chlorobenzene	< 0.00020	mg/l	1564	8/13/03	5:18
Chlorobenzene	< 0.0006	mg/kg	780	8/13/03	14:53
Chloroethane	< 0.00100	mg/l	9933	8/12/03	7:59
Chloroethane	< 0.00100	mg/l	9933	8/12/03	18:26
Chloroethane	< 0.00100	mg/l	1564	8/13/03	5:18
Chloroethane	< 0.0010	mg/kg	780	8/13/03	14:53
Chloroform	< 0.00080	mg/l	9933	8/12/03	7:59
Chloroform	< 0.00080	mg/l	9933	8/12/03	18:26
Chloroform	< 0.00080	mg/l	1564	8/13/03	5:18
Chloroform	< 0.0007	mg/kg	780	8/13/03	14:53
Chloromethane	< 0.00070	mg/l	9933	8/12/03	7:59
Chloromethane	< 0.00070	mg/l	9933	8/12/03	18:26
Chloromethane	< 0.00070	mg/l	1564	8/13/03	5:18
Chloromethane	< 0.0005	mg/kg	780	8/13/03	14:53
2-Chlorotoluene	< 0.00040	mg/l	9933	8/12/03	7:59
2-Chlorotoluene	< 0.00040	mg/l	9933	8/12/03	18:26
2-Chlorotoluene	< 0.00040	mg/l	1564	8/13/03	5:18
2-Chlorotoluene	< 0.00060	mg/kg	780	8/13/03	14:53
4-Chlorotoluene	< 0.00050	mg/l	9933	8/12/03	7:59
4-Chlorotoluene	< 0.00050	mg/l	9933	8/12/03	18:26
4-Chlorotoluene	< 0.00050	mg/l	1564	8/13/03	5:18
4-Chlorotoluene	< 0.00040	mg/kg	780	8/13/03	14:53

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 24
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	9933	8/12/03	7:59
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	9933	8/12/03	18:26
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	1564	8/13/03	5:18
1,2-Dibromo-3-chloropropane	< 0.00070	mg/kg	780	8/13/03	14:53
Dibromochloromethane	< 0.00050	mg/l	9933	8/12/03	7:59
Dibromochloromethane	< 0.00050	mg/l	9933	8/12/03	18:26
Dibromochloromethane	< 0.00050	mg/l	1564	8/13/03	5:18
Dibromochloromethane	< 0.0006	mg/kg	780	8/13/03	14:53
1,2-Dibromoethane	< 0.00040	mg/l	9933	8/12/03	7:59
1,2-Dibromoethane	< 0.00040	mg/l	9933	8/12/03	18:26
1,2-Dibromoethane	< 0.00040	mg/l	1564	8/13/03	5:18
1,2-Dibromoethane	< 0.00060	mg/kg	780	8/13/03	14:53
Dibromomethane	< 0.00090	mg/l	9933	8/12/03	7:59
Dibromomethane	< 0.00090	mg/l	9933	8/12/03	18:26
Dibromomethane	< 0.00090	mg/l	1564	8/13/03	5:18
Dibromomethane	< 0.00090	mg/kg	780	8/13/03	14:53
1,2-Dichlorobenzene	< 0.00020	mg/l	9933	8/12/03	7:59
1,2-Dichlorobenzene	< 0.00020	mg/l	9933	8/12/03	18:26
1,2-Dichlorobenzene	< 0.00020	mg/l	1564	8/13/03	5:18
1,2-Dichlorobenzene	< 0.0004	mg/kg	780	8/13/03	14:53
1,3-Dichlorobenzene	< 0.00030	mg/l	9933	8/12/03	7:59
1,3-Dichlorobenzene	< 0.00030	mg/l	9933	8/12/03	18:26
1,3-Dichlorobenzene	< 0.00030	mg/l	1564	8/13/03	5:18
1,3-Dichlorobenzene	< 0.0006	mg/kg	780	8/13/03	14:53
1,4-Dichlorobenzene	< 0.00040	mg/l	9933	8/12/03	7:59
1,4-Dichlorobenzene	< 0.00040	mg/l	9933	8/12/03	18:26
1,4-Dichlorobenzene	< 0.00040	mg/l	1564	8/13/03	5:18
1,4-Dichlorobenzene	< 0.0005	mg/kg	780	8/13/03	14:53
Dichlorodifluoromethane	< 0.00050	mg/l	9933	8/12/03	7:59
Dichlorodifluoromethane	< 0.00050	mg/l	9933	8/12/03	18:26
Dichlorodifluoromethane	< 0.00050	mg/l	1564	8/13/03	5:18

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 25
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Dichlorodifluoromethane	< 0.0006	mg/kg	780	8/13/03	14:53
1,1-Dichloroethane	< 0.00020	mg/l	9933	8/12/03	7:59
1,1-Dichloroethane	< 0.00020	mg/l	9933	8/12/03	18:26
1,1-Dichloroethane	< 0.00020	mg/l	1564	8/13/03	5:18
1,1-Dichloroethane	< 0.0008	mg/kg	780	8/13/03	14:53
1,2-Dichloroethane	< 0.00060	mg/l	9933	8/12/03	7:59
1,2-Dichloroethane	< 0.00060	mg/l	9933	8/12/03	18:26
1,2-Dichloroethane	< 0.00060	mg/l	1564	8/13/03	5:18
1,2-Dichloroethane	< 0.0004	mg/kg	780	8/13/03	14:53
1,1-Dichloroethene	< 0.00060	mg/l	9933	8/12/03	7:59
1,1-Dichloroethene	< 0.00060	mg/l	9933	8/12/03	18:26
1,1-Dichloroethene	< 0.00060	mg/l	1564	8/13/03	5:18
1,1-Dichloroethene	< 0.0007	mg/kg	780	8/13/03	14:53
cis-1,2-Dichloroethene	< 0.00060	mg/l	9933	8/12/03	7:59
cis-1,2-Dichloroethene	< 0.00060	mg/l	9933	8/12/03	18:26
cis-1,2-Dichloroethene	< 0.00060	mg/l	1564	8/13/03	5:18
cis-1,2-Dichloroethene	< 0.0004	mg/kg	780	8/13/03	14:53
trans-1,2-Dichloroethene	< 0.00050	mg/l	9933	8/12/03	7:59
trans-1,2-Dichloroethene	< 0.00050	mg/l	9933	8/12/03	18:26
trans-1,2-Dichloroethene	< 0.00050	mg/l	1564	8/13/03	5:18
trans-1,2-Dichloroethene	< 0.0007	mg/kg	780	8/13/03	14:53
1,2-Dichloropropane	< 0.00040	mg/l	9933	8/12/03	7:59
1,2-Dichloropropane	< 0.00040	mg/l	9933	8/12/03	18:26
1,2-Dichloropropane	< 0.00040	mg/l	1564	8/13/03	5:18
1,2-Dichloropropane	< 0.0008	mg/kg	780	8/13/03	14:53
1,3-Dichloropropane	< 0.00040	mg/l	9933	8/12/03	7:59
1,3-Dichloropropane	< 0.00040	mg/l	9933	8/12/03	18:26
1,3-Dichloropropane	< 0.00040	mg/l	1564	8/13/03	5:18
1,3-Dichloropropane	< 0.00040	mg/kg	780	8/13/03	14:53
2,2-Dichloropropane	< 0.00040	mg/l	9933	8/12/03	7:59
2,2-Dichloropropane	< 0.00040	mg/l	9933	8/12/03	18:26

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 26
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
2,2-Dichloropropane	< 0.00040	mg/l	1564	8/13/03	5:18
2,2-Dichloropropane	< 0.00070	mg/kg	780	8/13/03	14:53
1,1-Dichloropropene	< 0.00050	mg/l	9933	8/12/03	7:59
1,1-Dichloropropene	< 0.00050	mg/l	9933	8/12/03	18:26
1,1-Dichloropropene	< 0.00050	mg/l	1564	8/13/03	5:18
1,1-Dichloropropene	< 0.00080	mg/kg	780	8/13/03	14:53
cis-1,3-Dichloropropene	< 0.00030	mg/l	9933	8/12/03	7:59
cis-1,3-Dichloropropene	< 0.00030	mg/l	9933	8/12/03	18:26
cis-1,3-Dichloropropene	< 0.00030	mg/l	1564	8/13/03	5:18
cis-1,3-Dichloropropene	< 0.0006	mg/kg	780	8/13/03	14:53
trans-1,3-Dichloropropene	< 0.00050	mg/l	9933	8/12/03	7:59
trans-1,3-Dichloropropene	< 0.00050	mg/l	9933	8/12/03	18:26
trans-1,3-Dichloropropene	< 0.00050	mg/l	1564	8/13/03	5:18
trans-1,3-Dichloropropene	< 0.0005	mg/kg	780	8/13/03	14:53
Ethylbenzene	< 0.0003	mg/l	9933	8/12/03	7:59
Ethylbenzene	< 0.0003	mg/l	9933	8/12/03	18:26
Ethylbenzene	< 0.0003	mg/l	1564	8/13/03	5:18
Ethylbenzene	< 0.0005	mg/kg	780	8/13/03	14:53
Hexachlorobutadiene	< 0.00080	mg/l	9933	8/12/03	7:59
Hexachlorobutadiene	< 0.00080	mg/l	9933	8/12/03	18:26
Hexachlorobutadiene	< 0.00080	mg/l	1564	8/13/03	5:18
Hexachlorobutadiene	< 0.00050	mg/kg	780	8/13/03	14:53
2-Hexanone	< 0.00420	mg/l	9933	8/12/03	7:59
2-Hexanone	< 0.00420	mg/l	9933	8/12/03	18:26
2-Hexanone	< 0.00420	mg/l	1564	8/13/03	5:18
2-Hexanone	< 0.00650	mg/kg	780	8/13/03	14:53
Isopropylbenzene	< 0.00040	mg/l	9933	8/12/03	7:59
Isopropylbenzene	< 0.00040	mg/l	9933	8/12/03	18:26
Isopropylbenzene	< 0.00040	mg/l	1564	8/13/03	5:18
Isopropylbenzene	< 0.00060	mg/kg	780	8/13/03	14:53
4-Isopropyltoluene	< 0.00060	mg/l	9933	8/12/03	7:59

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 27
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
4-Isopropyltoluene	< 0.00060	mg/l	0933	8/12/03	18:26
4-Isopropyltoluene	< 0.00060	mg/l	1564	8/13/03	5:18
4-Isopropyltoluene	< 0.00070	mg/kg	780	8/13/03	14:53
4-Methyl-2-pentanone	< 0.00490	mg/l	0933	8/12/03	7:59
4-Methyl-2-pentanone	< 0.00490	mg/l	9933	8/12/03	18:26
4-Methyl-2-pentanone	< 0.00490	mg/l	1564	8/13/03	5:18
4-Methyl-2-pentanone	< 0.00360	mg/kg	780	8/13/03	14:53
Methylene chloride	< 0.00240	mg/l	0933	8/12/03	7:59
Methylene chloride	< 0.00240	mg/l	9933	8/12/03	18:26
Methylene chloride	0.00240	mg/l	1564	8/13/03	5:18
Methylene chloride	0.0050	mg/kg	780	8/13/03	14:53
Naphthalene	< 0.00120	mg/l	9933	8/12/03	7:59
Naphthalene	< 0.00120	mg/l	0933	8/12/03	18:26
Naphthalene	< 0.00120	mg/l	1564	8/13/03	5:18
Naphthalene	< 0.00100	mg/kg	780	8/13/03	14:53
n-Propylbenzene	< 0.00030	mg/l	9933	8/12/03	7:59
n-Propylbenzene	< 0.00090	mg/l	9933	8/12/03	18:26
n-Propylbenzene	< 0.00030	mg/l	1564	8/13/03	5:18
n-Propylbenzene	< 0.00050	mg/kg	780	8/13/03	14:53
Styrene	< 0.00040	mg/l	9933	8/12/03	7:59
Styrene	< 0.00040	mg/l	9933	8/12/03	18:26
Styrene	< 0.00040	mg/l	1564	8/13/03	5:18
Styrene	< 0.00040	mg/kg	780	8/13/03	14:53
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	9933	8/12/03	7:59
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	9933	8/12/03	18:26
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	1564	8/13/03	5:18
1,1,1,2-Tetrachloroethane	< 0.00060	mg/kg	780	8/13/03	14:53
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	9933	8/12/03	7:59
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	9933	8/12/03	18:26
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	1964	8/13/03	5:18
1,1,2,2-Tetrachloroethane	< 0.0007	mg/kg	780	8/13/03	14:53

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 29
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2,3-Trichloropropane	< 0.00070	mg/kg	780	8/13/03	14:53
1,2,4-Trimethylbenzene	< 0.0003	mg/l	9933	8/12/03	7:59
1,2,4-Trimethylbenzene	< 0.0003	mg/l	9933	8/12/03	18:26
1,2,4-Trimethylbenzene	< 0.0003	mg/l	1564	8/13/03	5:18
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	780	8/13/03	14:53
1,3,5-Trimethylbenzene	< 0.00100	mg/l	9933	8/12/03	7:59
1,3,5-Trimethylbenzene	< 0.00100	mg/l	9933	8/12/03	18:26
1,3,5-Trimethylbenzene	< 0.00100	mg/l	1564	8/13/03	5:18
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	780	8/13/03	14:53
Vinyl chloride	< 0.00050	mg/l	9933	8/12/03	7:59
Vinyl chloride	< 0.00050	mg/l	9933	8/12/03	18:26
Vinyl chloride	< 0.00050	mg/l	1564	8/13/03	5:18
Vinyl chloride	< 0.0010	mg/kg	780	8/13/03	14:53
Xylenes (Total)	< 0.0009	mg/l	9933	8/12/03	7:59
Xylenes (Total)	< 0.0009	mg/l	9933	8/12/03	18:26
Xylenes (Total)	< 0.0009	mg/l	1564	8/13/03	5:18
Xylenes (Total)	< 0.0013	mg/kg	780	8/13/03	14:53
Bromodichloromethane	< 0.00030	mg/l	9933	8/12/03	7:59
Bromodichloromethane	< 0.00030	mg/l	9933	8/12/03	18:26
Bromodichloromethane	< 0.00030	mg/l	1564	8/13/03	5:18
Bromodichloromethane	< 0.0009	mg/kg	780	8/13/03	14:53
Trichlorofluoromethane	< 0.00040	mg/l	9933	8/12/03	7:59
Trichlorofluoromethane	< 0.00040	mg/l	9933	8/12/03	18:26
Trichlorofluoromethane	< 0.00040	mg/l	1564	8/13/03	5:18
Trichlorofluoromethane	< 0.0005	mg/kg	780	8/13/03	14:53
Methyl-t-butyl ether	< 0.0005	mg/l	9933	8/12/03	7:59
Methyl-t-butyl ether	< 0.0005	mg/l	9933	8/12/03	18:26
Methyl-t-butyl ether	< 0.0005	mg/l	1564	8/13/03	5:18
Methyl-t-butyl ether	< 0.0006	mg/kg	780	8/13/03	14:53

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE

Laboratory Receipt Date: 8/12/03

VOA Surr 1,2-DCA-d4	96.	% Rec	9933	8/12/03	7:59
VOA Surr 1,2-DCA-d4	101.	% Rec	9933	8/12/03	18:26
VOA Surr 1,2-DCA-d4	100.	% Rec	1564	8/13/03	5:18
VOA Surr 1,2-DCA-d4	98.	% Rec	780	8/13/03	14:53
VOA Surr Toluene-d8	100.	% Rec	9933	8/12/03	7:59
VOA Surr Toluene-d8	98.	% Rec	9933	8/12/03	18:26
VOA Surr Toluene-d8	99.	% Rec	1564	8/13/03	5:18
VOA Surr Toluene-d8	100.	% Rec	780	8/13/03	14:53
VOA Surr, 4-BFB	99.	% Rec	9933	8/12/03	7:59
VOA Surr, 4-BFB	101.	% Rec	9933	8/12/03	18:26
VOA Surr, 4-BFB	97.	% Rec	1564	8/13/03	5:18
VOA Surr, 4-BFB	101.	% Rec	780	8/13/03	14:53
VOA Surr, DBFM	94.	% Rec	9933	8/12/03	7:59
VOA Surr, DBFM	99.	% Rec	9933	8/12/03	18:26
VOA Surr, DBFM	96.	% Rec	1564	8/13/03	5:18
VOA Surr, DBFM	94.	% Rec	780	8/13/03	14:53
EXTRACTABLE PARAMETERS					
Acenaphthene	< 0.00110	mg/l	1889	8/15/03	16:25
Acenaphthene	< 0.330	mg/kg	442	8/13/03	18:19
Acenaphthylene	< 0.0011	mg/l	1889	8/15/03	16:25
Acenaphthylene	< 0.330	mg/kg	442	8/13/03	18:19
Anthracene	< 0.00110	mg/l	1889	8/15/03	16:25
Anthracene	< 0.330	mg/kg	442	8/13/03	18:19
Benzo(a)anthracene	< 0.00120	mg/l	1889	8/15/03	16:25
Benzo(a)anthracene	< 0.330	mg/kg	442	8/13/03	18:19
Benzo(a)pyrene	< 0.00120	mg/l	1889	8/15/03	16:25
Benzo(a)pyrene	< 0.330	mg/kg	442	8/13/03	18:19
Benzo(b)fluoranthene	< 0.00100	mg/l	1889	8/15/03	16:25
Benzo(b)fluoranthene	< 0.330	mg/kg	442	8/13/03	18:19
Benzo(g,h,i)perylene	< 0.00120	mg/l	1889	8/15/03	16:25
Benzo(g,h,i)perylene	< 0.330	mg/kg	442	8/13/03	18:19
Benzo(k)fluoranthene	< 0.00060	mg/l	1889	8/15/03	16:25
Benzo(k)fluoranthene	< 0.330	mg/kg	442	8/13/03	18:19
4-Bromophenyl-phenylether	< 0.00060	mg/l	1889	8/15/03	16:25
4-Bromophenylphenylether	< 0.330	mg/kg	442	8/13/03	18:19
Butylbenzylphthalate	< 0.00060	mg/l	1889	8/15/03	16:25

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 31
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Butylbenzylphthalate	< 0.330	mg/kg	442	8/13/03	18:19
Carbazole	< 0.00120	mg/l	1889	8/15/03	16:25
Carbazole	< 0.330	mg/kg	442	8/13/03	18:19
4-Chloro-3-methylphenol	< 0.00110	mg/l	1889	8/15/03	16:25
4-Chloro-3-methylphenol	< 0.330	mg/kg	442	8/13/03	18:19
4-Chloroaniline	< 0.00120	mg/l	1889	8/15/03	16:25
4-Chloroaniline	< 0.330	mg/kg	442	8/13/03	18:19
Bis(2-chloroethoxy)methane	< 0.00110	mg/l	1889	8/15/03	16:25
bis(2-Chloroethoxy)methane	< 0.330	mg/kg	442	8/13/03	18:19
Bis(2-chloroethyl)ether	< 0.00050	mg/l	1889	8/15/03	16:25
bis(2-Chloroethyl)ether	< 0.330	mg/kg	442	8/13/03	18:19
Bis(2-chloroisopropyl)ether	< 0.00050	mg/l	1889	8/15/03	16:25
bis(2-Chloroisopropyl)ether	< 0.330	mg/kg	442	8/13/03	18:19
2-Chloronaphthalene	< 0.00110	mg/l	1889	8/15/03	16:25
2-Chloronaphthalene	< 0.330	mg/kg	442	8/13/03	18:19
2-Chlorophenol	< 0.00050	mg/l	1889	8/15/03	16:25
2-Chlorophenol	< 0.330	mg/kg	442	8/13/03	18:19
4-Chlorophenyl-phenylether	< 0.00120	mg/l	1889	8/15/03	16:25
4-Chlorophenylphenylether	< 0.330	mg/kg	442	8/13/03	18:19
Chrysene	< 0.00060	mg/l	1889	8/15/03	16:26
Chrysene	< 0.330	mg/kg	442	8/13/03	18:19
Dibenzofuran	< 0.00120	mg/l	1889	8/15/03	16:25
Dibenzofuran	< 0.330	mg/kg	442	8/13/03	18:19
Dibenz(a,h)anthracene	< 0.00060	mg/l	1889	8/15/03	16:25
Dibenz(a,h)anthracene	< 0.330	mg/kg	442	8/13/03	18:19
1,2-Dichlorobenzene	0.00240	mg/l	1889	8/15/03	16:25
1,2-Dichlorobenzene	< 0.330	mg/kg	442	8/13/03	18:19
1,3-Dichlorobenzene	< 0.00060	mg/l	1889	8/15/03	16:25
1,3-Dichlorobenzene	< 0.330	mg/kg	442	8/13/03	18:19
1,4-Dichlorobenzene	< 0.00060	mg/l	1889	8/15/03	16:25
1,4-Dichlorobenzene	< 0.330	mg/kg	442	8/13/03	18:19

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 32
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
3,3'-Dichlorobenzidine	< 0.00170	mg/l	1889	8/15/03	16:25
3,3'-Dichlorobenzidine	< 0.330	mg/kg	442	8/13/03	18:19
2,4-Dichlorophenol	< 0.00120	mg/l	1889	8/15/03	16:25
2,4-Dichlorophenol	< 0.330	mg/kg	442	8/13/03	18:19
Diethylphthalate	< 0.00130	mg/l	1889	8/15/03	16:25
Diethylphthalate	< 0.330	mg/kg	442	8/13/03	18:19
2,4-Dimethylphenol	< 0.00100	mg/l	1889	8/15/03	16:25
2,4-Dimethylphenol	< 0.330	mg/kg	442	8/13/03	18:19
Dimethylphthalate	< 0.00120	mg/l	1889	8/15/03	16:25
Dimethylphthalate	< 0.330	mg/kg	442	8/13/03	18:19
Di-n-butylphthalate	< 0.00190	mg/l	1889	8/15/03	16:25
Di-n-butylphthalate	< 0.330	mg/kg	442	8/13/03	18:19
4,6-Dinitro-2-methylphenol	< 0.00300	mg/l	1889	8/15/03	16:25
4,6-Dinitro-2-methylphenol	< 0.330	mg/kg	442	8/13/03	18:19
2,4-Dinitrophenol	< 0.00060	mg/l	1889	8/15/03	16:25
2,4-Dinitrophenol	< 0.330	mg/kg	442	8/13/03	18:19
2,4-dinitrotoluene	< 0.00120	mg/l	1889	8/15/03	16:25
2,4-dinitrotoluene	< 0.330	mg/kg	442	8/13/03	18:19
2,6-Dinitrotoluene	< 0.0100	mg/l	1889	8/15/03	16:25
2,6-Dinitrotoluene	< 0.330	mg/kg	442	8/13/03	18:19
Di-n-octylphthalate	< 0.00140	mg/l	1889	8/15/03	16:25
Di-n-octylphthalate	< 0.330	mg/kg	442	8/13/03	18:19
Fluoranthene	< 0.00130	mg/l	1889	8/15/03	16:25
Fluoranthene	< 0.330	mg/kg	442	8/13/03	18:19
Fluorene	< 0.00100	mg/l	1889	8/15/03	16:25
Fluorene	< 0.330	mg/kg	442	8/13/03	18:19
Hexachlorobenzene	< 0.00050	mg/l	1889	8/15/03	16:25
Hexachlorobenzene	< 0.330	mg/kg	442	8/13/03	18:19
Hexachlorobutadiene	< 0.00050	mg/l	1889	8/15/03	16:25
Hexachlorobutadiene	< 0.330	mg/kg	442	8/13/03	18:19
Hexachlorocyclopentadiene	< 0.00060	mg/l	1889	8/15/03	16:25

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 33
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Hexachlorocyclopentadiene	< 0.330	mg/kg	442	8/13/03	18:19
Hexachloroethane	< 0.00060	mg/l	1889	8/15/03	16:25
Hexachloroethane	< 0.330	mg/kg	442	8/13/03	18:19
Indeno(1,2,3-cd)pyrene	< 0.00110	mg/l	1889	8/15/03	16:25
Indeno(1,2,3-cd)pyrene	< 0.330	mg/kg	442	8/13/03	18:19
Isophorone	< 0.00110	mg/l	1889	8/15/03	16:25
Isophorone	< 0.330	mg/kg	442	8/13/03	18:19
2-Methylnaphthalene	< 0.00130	mg/l	1889	8/15/03	16:25
2-Methylnaphthalene	< 0.330	mg/kg	442	8/13/03	18:19
2-Methylphenol	< 0.00110	mg/l	1889	8/15/03	16:25
2-Methylphenol	< 0.330	mg/kg	442	8/13/03	18:19
3 and 4-Methylphenol	< 0.00120	mg/l	1889	8/15/03	16:25
m,p-Methylphenol	< 0.330	mg/kg	442	8/13/03	18:19
Naphthalene	< 0.00160	mg/l	1889	8/15/03	16:25
Naphthalene	< 0.330	mg/kg	442	8/13/03	18:19
2-Nitroaniline	< 0.00040	mg/l	1889	8/15/03	16:25
2-Nitroaniline	< 0.330	mg/kg	442	8/13/03	18:19
3-Nitroaniline	< 0.00120	mg/l	1889	8/15/03	16:25
3-Nitroaniline	< 0.330	mg/kg	442	8/13/03	18:19
4-Nitroaniline	< 0.00080	mg/l	1889	8/15/03	16:25
4-Nitroaniline	< 0.330	mg/kg	442	8/13/03	18:19
Nitrobenzene	< 0.00100	mg/l	1889	8/15/03	16:25
Nitrobenzene	< 0.330	mg/kg	442	8/13/03	18:19
2-Nitrophenol	< 0.00050	mg/l	1889	8/15/03	16:25
2-Nitrophenol	< 0.330	mg/kg	442	8/13/03	18:19
4-Nitrophenol	< 0.00070	mg/l	1889	8/15/03	16:25
4-Nitrophenol	< 0.330	mg/kg	442	8/13/03	18:19
N-Nitroso-Di-n-Propylamine	< 0.00060	mg/l	1889	8/15/03	16:25
N-nitrosodi-n-propylamine	< 0.330	mg/kg	442	8/13/03	18:19
N-Nitrosodiphenylamine	< 0.00120	mg/l	1889	8/15/03	16:25
N-nitrosodiphenylamine	< 0.330	mg/kg	442	8/13/03	18:19

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 34
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Pentachlorophenol	< 0.00640	mg/l	1889	8/15/03	16:25
Pentachlorophenol	< 0.330	mg/kg	442	8/13/03	18:19
Phenanthrene	< 0.00050	mg/l	1889	8/15/03	16:25
Phenanthrene	< 0.330	mg/kg	442	8/13/03	18:19
Phenol	< 0.00190	mg/l	1889	8/15/03	16:25
Phenol	< 0.330	mg/kg	442	8/13/03	18:19
Pyrene	< 0.00060	mg/l	1889	8/15/03	16:25
Pyrene	< 0.330	mg/kg	442	8/13/03	18:19
Bis(2-ethylhexyl)phthalate	< 0.00140	mg/l	1889	8/15/03	16:25
Bis(2-ethylhexyl)phthalate	< 0.330	mg/kg	442	8/13/03	18:19
1,2,4-Trichlorobenzene	< 0.00100	mg/l	1889	8/15/03	16:25
1,2,4-Trichlorobenzene	< 0.330	mg/kg	442	8/13/03	18:19
2,4,5-Trichlorophenol	< 0.00110	mg/l	1889	8/15/03	16:25
2,4,5-Trichlorophenol	< 0.330	mg/kg	442	8/13/03	18:19
2,4,6-Trichlorophenol	< 0.00100	mg/l	1889	8/15/03	16:25
2,4,6-Trichlorophenol	< 0.330	mg/kg	442	8/13/03	18:19
BNA Surr-Nitrobenzene-d5	72.	% Rec	1889	8/15/03	16:25
BNA Surr-2-Fluorobiphenyl	71.	% Rec	1889	8/15/03	16:25
BNA Surr-Terphenyl-d14	80.	% Rec	1889	8/15/03	16:25
BNA Surr-Phenol-d5	40.	% Rec	1889	8/15/03	16:25
BNA Surr-2-Fluorophenol	51.	% Rec	1889	8/15/03	16:25
BNA Surr-2,4,6-Tribromophenol	87.	% Rec	1889	8/15/03	16:25
METALS					
Arsenic	< 0.0042	mg/l	9228	8/13/03	11:36
Arsenic, Dissolved	< 0.0100	mg/l	158	8/14/03	9:33
Barium	0.0027	mg/l	9228	8/13/03	11:36
Barium, Dissolved	< 0.0100	mg/l	158	8/14/03	9:33
Cadmium	< 0.0005	mg/l	9228	8/13/03	11:36
Cadmium, Dissolved	< 0.0010	mg/l	158	8/14/03	9:33
Chromium	< 0.0019	mg/l	9228	8/13/03	11:36
Chromium, Dissolved	< 0.0050	mg/l	158	8/14/03	9:33

Project QC continued . . .

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ANALYTICAL TESTING CORPORATION

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PROJECT QUALITY CONTROL DATA
Project Number: 2440-02
Project Name: MILTON AVE
Page: 35
Laboratory Receipt Date: 8/12/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Lead	< 0.0029	mg/l	9228	8/13/03	11:36
Lead, Dissolved	< 0.0050	mg/l	158	8/14/03	9:33
Mercury	< 0.00015	mg/l	9302	8/13/03	14:15
Mercury	< 0.00016	mg/l	27	8/14/03	16:35
Nickel	< 0.0032	mg/l	9228	8/13/03	11:36
Nickel, Dissolved	< 0.0100	mg/l	158	8/14/03	9:33
Selenium	< 0.0036	mg/l	9228	8/13/03	11:36
Selenium, Dissolved	< 0.0100	mg/l	158	8/14/03	9:33
Silver	< 0.0007	mg/l	9228	8/13/03	11:36
Silver, Dissolved	< 0.0050	mg/l	158	8/14/03	9:33
Arsenic	< 0.92	mg/kg	9217	8/13/03	10:48
Barium	< 0.14	mg/kg	9217	8/13/03	10:48
Cadmium	< 0.14	mg/kg	9217	8/13/03	10:48
Chromium	< 0.40	mg/kg	9217	8/13/03	10:48
Lead	< 0.52	mg/kg	9217	8/13/03	10:48
Mercury	< 0.100	mg/kg	9250	8/13/03	11:53
Nickel	< 0.56	mg/kg	9217	8/13/03	10:48
Selenium	< 1.80	mg/kg	9217	8/13/03	10:48
Silver	< 0.08	mg/kg	9217	8/13/03	10:48
Chromium, hexavalent	< 2.00	mg/kg	8238	8/14/03	15:45
MISC PARAMETERS					
Cyanide	0.0284	mg/l	9468	8/14/03	10:56
Oil & Grease as HEM	< 50.0	mg/kg	299	8/14/03	14:22
Cyanide	< 2.00	mg/kg	9352	8/15/03	9:24

\# = Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 342677

EMA
Environmental Management Associates, LLC

November 3, 2003

Reference No. 194

Mr. Eric Ranney
Lebow Land Company, LLC
900 Peachtree Street, Suite 400
Atlanta, Georgia 30309

Dear Mr. Ranney:

Re: Soil Results
72 Milton Avenue
Atlanta, Georgia

Environmental Management Associates, LLC (EMA), on behalf of the Lebow Land Company (Lebow), completed the analysis of two sub-surface soil samples associated with the above-referenced site (Site). The soil samples were collected by United Consulting as part of a geotechnical exploration conducted for Lebow. This letter report presents the associated analytical data for these two soil samples and EMA's conclusions.

United Consulting collected two subsurface soil samples on October 14, 2003 (as recorded on chain-of-custody) from boring B-2 at a depth of 3.5 to 5 ft. below ground surface (bgs) and 8.5 to 10 ft bgs. As detailed in United Consulting's report dated October 14, 2003, these soil samples were collected from fill materials described as loose to firm silty sand with trace amounts of clay, mica, gravel, and light blue organic material. The fill materials from boring B-2 were also reported with a strong organic odor. United Consulting recommended a environmental impact study.

To evaluate the potential for environmental contamination within these two samples, EMA contracted a local laboratory to analyze the samples for Target Compound List (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), TCL pesticides and polychlorinated biphenyls (PCBs), herbicides, total heavy metals, and cyanide. The samples were delivered by United Consulting to the project laboratory and analyzed in accordance with Georgia Environmental Protection Division (GEPD) and USEPA Region IV protocols. However, it should be noted that the samples were delivered by United Consulting at ambient temperature and that the VOCs were not collected or preserved in accordance with SW-846 Method 5030.

All analyses were performed by Analytical Environmental Services, Inc. (AES) of Atlanta, Georgia. AES is an accredited laboratory under the National Environmental Laboratory Accreditation Program (NELAC) (Accreditation ID: E87582).

Soil sample B-2 (3.5-5.0) was reported with barium at 213 milligrams per kilogram (mg/kg), cadmium at 37.1 mg/kg, chromium at 35.5 mg/kg, mercury at 0.117 mg/kg, and lead at 227

4488 Commerce Drive, Suite A ♦ Buford, Georgia 30518
Phone 770.271.4628 ♦ Fax 770.271.8944
www.emallc.net

mg/kg. Soil sample B-2 (8.5-10) was reported with arsenic at 5.59 mg/kg, barium at 232 mg/kg, chromium at 45.1 mg/kg, and lead at 134 mg/kg. All other analytes were reported as below the associated laboratory detection limits. A summary of the soil sample results and the applicable notification concentrations listed in Appendix I of GEPD Rule 391-3-19 is provided in Table 1. A copy of the laboratory analytical report is provided in Attachment A.

The detected metal analytes for these two soil samples were below the applicable Georgia notification concentrations and therefore it does not appear, based on the data from these two soil samples and the current Georgia environmental regulations, that the fill material poses any significant environmental concerns. It should be noted that only a small portion of the fill was sampled and tested and that United Consulting did not properly preserve the soil samples during transport or collect the VOCs in accordance with the associated method. Therefore, this report does not offer any guaranty and/or warranty that hazardous substances are not present at this location or other locations not tested.

This report may be relied on by the addressee, any entity in which addressee or Eric Ranney is directly or indirectly a principal, and any lender to any of the foregoing in accordance with the limitations and exceptions to this investigation as summarized in Attachment B.

We appreciate the opportunity to undertake this project. Please contact us at (770) 271-4628 if you have any questions or require additional information.

Yours truly,

Environmental Management Associates, LLC

Brent Cortelloni, CHMM
Project Manager

John O. Schwaller, PG
(Georgia Reg. No. 1617)

Encl.
BC/bc/2

TABLE 1

ANALYTICAL SOIL DATA
72 MILTON AVENUE
ATLANTA, GEORGIA

Sample Location	*Depth (feet bgs)* [1]	*Analyte*	*Concentration (mg/kg)* [2]	*Standard (mg/kg)* [3]
B-2 (3.5 - 5.0)	3.5 - 5.0	Barium	213	500
	3.5 - 5.0	Cadmium	37.1	39
	3.5 - 5.0	Chromium	35.5	1200
	3.5 - 5.0	Lead	227	400
	3.5 - 5.0	Mercury	0.117	17
B-2 (8.5 - 10)	8.5 - 10	Arsenic	5.59	41
	8.5 - 10	Barium	232	500
	8.5 - 10	Chromium	45.1	1200
	8.5 - 10	Lead	134	400

Notes:
1) bgs - below ground surface
2) mg/kg - milligrams per kilogram
3) Notification Concentrations

ATTACHMENT A

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

November 06, 2003

Brent Cortelloni
Environmental Management Associates, LLC
4488 Commerce Drive
Suite A
Buford, Georgia 30518

TEL: (770) 271-4628
FAX (770) 271-8944

RE: 72 Milton Avenue

Order No.: 0310834

Dear Brent Cortelloni:

Analytical Environmental Servs, Inc. received 2 samples on 10/24/2003 2:45:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 07/02/03-06/30/04.
-AIHA Certification number 505 for analysis of Air, Paint Chips, Soil and Dust Wipes, effective until 10/01/03.

These results relate only to the items tested. This report may only be reproduced in full and contains 35 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3785 Presidential Pkwy., Atlanta, GA 30340-3704
TEL: (770) 457-8177 / TOLL FREE: (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0310834

Date: 10/24/03 Page 1 of 1

COMPANY: United Consulting.
ADDRESS: 625 Holcomb Bridge Norcross, GA.
PHONE: 71582 2923
FAX: 71582 2800
SAMPLED BY:
SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED / PRESERVATION	REMARKS	No. of Containers
	20032217 01								
	B-2 3.5-5.0	10/14/03							1
	B-2 8.5-10	10/14/03							1

RELINQUISHED BY: DATE TIME
RECEIVED BY: Alert Cou DATE/TIME 10/24/03 14:45

1:
2:
3:

SPECIAL INSTRUCTIONS/COMMENTS:
Wait until Brat (EMA) Correlam Calls

PO#:
QUOTE CONTRACT #:

SHIPMENT METHOD
OUT VIA:
IN VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER

PROJECT INFORMATION
PROJECT NAME:
PROJECT #:
FAC ID#:
SITE ADDRESS:
PROJECT MANAGER:
INVOICE TO:
(IF DIFFERENT FROM ABOVE)

RECEIPT
Total # of Containers: 2

Turnaround Time Request
- ○ Standard 3-5 Business Days
- ○ Same Day Rush (auth req.)
- ○ Next Business Day Rush
- ○ 2 Business Day Rush
- ○ Other

PROGRAM (see codes):
DATA PACKAGE: I II III IV

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify) NA = None
PROGRAM: FLUST FLDC ALUST TNUST MSUST NCUST SCUST GAUST GACONV FLCONV

White Copy - ORIGINAL; Yellow Copy - LAB; Pink Copy - CLIENT

Milton Ave.

20032217.01

Brant Cortelon, EMA

Analytical Environmental Services.
3785 Presidential Parkway
Atlanta, GA 30340

Date Sampled: 10-14-03

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client United Consulting Work Order Number 0310834

Checklist completed by Abut Gen 10/24/03
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes __	No __	Not Present ✓
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance?	Yes __	No ✓	

Cooler #1 Ambient Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes ✓	No __
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes __	No ✓
Proceed with Standard TAT as per project history?	Yes __	No ✓ Not Applicable __
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes __	No __ Not Applicable ✓

Adjusted? _____ Checked by _____

See Case Narrative for resolution of the Non-Conformance.

C:\Documents and Settings\Chemist\Desktop\SampleReceiptChecklistRptREV.rtf

Analytical Environmental Servs, Inc.

Date: *06-Nov-03*

CLIENT: Environmental Management Associates, LL
Project: 72 Milton Avenue
Lab Order: 0310834

CASE NARRATIVE

Sample/Cooler Receipt Non-Conformance:
Samples are received at ambient temperature. Analyze for VOC, SVOC, Pest, PCB, Herb Cn, and 8RCRA with a 48hr TAT per client. Report and Invoice should be sent to EMA per Brent 10/24/03.

Semi Volatile Organics Analysis by Method 8270C:

Due to sample matrix interference, samples 0310834-001B and -002B required dilution during preparation and/or analysis resulting in elevated reporting limits.

Metals Analysis by Method 6010B:

Matrix spike recoveries for As and Se on sample 0310810-002A were outside control limits biased low. LCS recovery was within control limits indicating possible matrix interference.

Analytical Environmental Servs, Inc.

Date: *06-Nov-03*

CLIENT: Environmental Management Associates, LL
Client Sample ID: B-2 3.5-5.0
Lab Order: 0310834
Collection Date: 10/14/2003
Project: 72 Milton Avenue
Lab ID: 0310834-001
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CHLORINATED PESTICIDES, TARGET COMPOUN		**SW8081A**				Analyst: **MJL**
4,4'-DDD	BRL	3.3		µg/Kg	1	10/27/2003 4:58:00 PM
4,4'-DDE	BRL	3.3		µg/Kg	1	10/27/2003 4:58:00 PM
4,4'-DDT	BRL	3.3		µg/Kg	1	10/27/2003 4:58:00 PM
Aldrin	BRL	1.7		µg/Kg	1	10/27/2003 4:58:00 PM
alpha-BHC	BRL	1.7		µg/Kg	1	10/27/2003 4:58:00 PM
alpha-Chlordane	BRL	1.7		µg/Kg	1	10/27/2003 4:58:00 PM
beta-BHC	BRL	1.7		µg/Kg	1	10/27/2003 4:58:00 PM
delta-BHC	BRL	1.7		µg/Kg	1	10/27/2003 4:58:00 PM
Dieldrin	BRL	3.3		µg/Kg	1	10/27/2003 4:58:00 PM
Endosulfan I	BRL	1.7		µg/Kg	1	10/27/2003 4:58:00 PM
Endosulfan II	BRL	3.3		µg/Kg	1	10/27/2003 4:58:00 PM
Endosulfan sulfate	BRL	3.3		µg/Kg	1	10/27/2003 4:58:00 PM
Endrin	BRL	3.3		µg/Kg	1	10/27/2003 4:58:00 PM
Endrin aldehyde	BRL	3.3		µg/Kg	1	10/27/2003 4:58:00 PM
Endrin ketone	BRL	3.3		µg/Kg	1	10/27/2003 4:58:00 PM
gamma-BHC	BRL	3.3		µg/Kg	1	10/27/2003 4:58:00 PM
gamma-Chlordane	BRL	1.7		µg/Kg	1	10/27/2003 4:58:00 PM
Heptachlor	BRL	1.7		µg/Kg	1	10/27/2003 4:58:00 PM
Heptachlor epoxide	BRL	1.7		µg/Kg	1	10/27/2003 4:58:00 PM
Methoxychlor	BRL	17		µg/Kg	1	10/27/2003 4:58:00 PM
Toxaphene	BRL	170		µg/Kg	1	10/27/2003 4:58:00 PM
Surr: Decachlorobiphenyl	55.1	45-148		%REC	1	10/27/2003 4:58:00 PM
Surr: Tetrachloro-m-xylene	66.6	12-149		%REC	1	10/27/2003 4:58:00 PM
POLYCHLORINATED BIPHENYLS		**SW8082**				Analyst: **MJL**
Aroclor 1016	BRL	33		µg/Kg	1	10/27/2003 10:47:00 PM
Aroclor 1221	BRL	33		µg/Kg	1	10/27/2003 10:47:00 PM
Aroclor 1232	BRL	33		µg/Kg	1	10/27/2003 10:47:00 PM
Aroclor 1242	BRL	33		µg/Kg	1	10/27/2003 10:47:00 PM
Aroclor 1248	BRL	33		µg/Kg	1	10/27/2003 10:47:00 PM
Aroclor 1254	BRL	33		µg/Kg	1	10/27/2003 10:47:00 PM
Aroclor 1260	BRL	33		µg/Kg	1	10/27/2003 10:47:00 PM
Surr: Decachlorobiphenyl	102	58-145		%REC	1	10/27/2003 10:47:00 PM
Surr: Tetrachloro-m-xylene	70.8	23-137		%REC	1	10/27/2003 10:47:00 PM
CHLORINATED HERBICIDES		**SW8151A**				Analyst: **MJL**
2,4,5-T	BRL	17		µg/Kg	1	10/28/2003 12:56:00 PM
2,4,5-TP (Silvex)	BRL	17		µg/Kg	1	10/28/2003 12:56:00 PM
2,4-D	BRL	17		µg/Kg	1	10/28/2003 12:56:00 PM
2,4-DB	BRL	17		µg/Kg	1	10/28/2003 12:56:00 PM
Dalapon	BRL	33		µg/Kg	1	10/28/2003 12:56:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *06-Nov-03*

CLIENT: Environmental Management Associates, LL
Client Sample ID: B-2 3.5-5.0
Lab Order: 0310834
Collection Date: 10/14/2003
Project: 72 Milton Avenue
Lab ID: 0310834-001
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CHLORINATED HERBICIDES		**SW8151A**				Analyst: **MJL**
Dicamba	BRL	17		µg/Kg	1	10/28/2003 12:56:00 PM
Dichlorprop	BRL	17		µg/Kg	1	10/28/2003 12:56:00 PM
Dinoseb	BRL	17		µg/Kg	1	10/28/2003 12:56:00 PM
MCPA	BRL	660		µg/Kg	1	10/28/2003 12:56:00 PM
MCPP	BRL	660		µg/Kg	1	10/28/2003 12:56:00 PM
Surr: DCAA	90.7	21.9-124		%REC	1	10/28/2003 12:56:00 PM
CYANIDE, TOTAL		**SW9012**				Analyst: **TL**
Cyanide, Total	BRL	0.935		mg/Kg	1	10/29/2003 3:52:16 PM
METALS, TOTAL		**SW6010B**				Analyst: **SSS**
Arsenic	BRL	4.73		mg/Kg	1	10/27/2003 9:14:00 PM
Barium	213	4.73		mg/Kg	1	10/27/2003 9:14:00 PM
Cadmium	37.1	2.36		mg/Kg	1	10/27/2003 9:14:00 PM
Chromium	35.5	2.36		mg/Kg	1	10/27/2003 9:14:00 PM
Lead	227	4.73		mg/Kg	1	10/27/2003 9:14:00 PM
Selenium	BRL	4.73		mg/Kg	1	10/27/2003 9:14:00 PM
Silver	BRL	2.36		mg/Kg	1	10/27/2003 9:14:00 PM
TOTAL MERCURY		**SW7471A**				Analyst: **JDJ**
Mercury	0.117	0.0947		mg/Kg	1	10/27/2003 4:20:36 PM
TCL-SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **EP**
Phenol	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Bis(2-chloroethyl)ether	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
1,3-Dichlorobenzene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
1,4-Dichlorobenzene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
1,2-Dichlorobenzene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Bis(2-chloroisopropyl)ether	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2-Methylphenol	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
4-Methylphenol	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
N-Nitrosodi-n-propylamine	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Hexachloroethane	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Nitrobenzene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Isophorone	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2-Nitrophenol	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2,4-Dimethylphenol	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Bis(2-chloroethoxy)methane	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2,4-Dichlorophenol	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
1,2,4-Trichlorobenzene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Naphthalene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
4-Chloroaniline	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *06-Nov-03*

CLIENT: Environmental Management Associates, LL
Client Sample ID: B-2 3.5-5.0
Lab Order: 0310834
Collection Date: 10/14/2003
Project: 72 Milton Avenue
Lab ID: 0310834-001
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **EP**
Hexachlorobutadiene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
4-Chloro-3-methylphenol	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2-Chlorophenol	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Hexachlorocyclopentadiene	BRL	3300		µg/Kg	5	10/27/2003 4:24:00 PM
2,4,6-Trichlorophenol	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2,4,5-Trichlorophenol	BRL	8500		µg/Kg	5	10/27/2003 4:24:00 PM
2-Chloronaphthalene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2-Methylnaphthalene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2-Nitroaniline	BRL	8500		µg/Kg	5	10/27/2003 4:24:00 PM
3-Nitroaniline	BRL	8500		µg/Kg	5	10/27/2003 4:24:00 PM
4-Nitroaniline	BRL	8500		µg/Kg	5	10/27/2003 4:24:00 PM
Dimethyl phthalate	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Acenaphthylene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2,6-Dinitrotoluene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Acenaphthene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2,4-Dinitrophenol	BRL	8500		µg/Kg	5	10/27/2003 4:24:00 PM
Dibenzofuran	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
4-Nitrophenol	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
2,4-Dinitrotoluene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Diethyl phthalate	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Fluorene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
4-Chlorophenyl phenyl ether	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
4,6-Dinitro-2-methylphenol	BRL	8500		µg/Kg	5	10/27/2003 4:24:00 PM
N-Nitrosodiphenylamine	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
4-Bromophenyl phenyl ether	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Hexachlorobenzene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Pentachlorophenol	BRL	8500		µg/Kg	5	10/27/2003 4:24:00 PM
Phenanthrene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Anthracene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Carbazole	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Di-n-butyl phthalate	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Fluoranthene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Pyrene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Butyl benzyl phthalate	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
3,3'-Dichlorobenzidine	BRL	3300		µg/Kg	5	10/27/2003 4:24:00 PM
Benz(a)anthracene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Chrysene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Bis(2-ethylhexyl)phthalate	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Di-n-octyl phthalate	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Benzo(b)fluoranthene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *06-Nov-03*

CLIENT: Environmental Management Associates, LL
Client Sample ID: B-2 3.5-5.0
Lab Order: 0310834
Collection Date: 10/14/2003
Project: 72 Milton Avenue
Lab ID: 0310834-001
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **EP**
Benzo(k)fluoranthene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Benzo(a)pyrene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Dibenz(a,h)anthracene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Benzo(g,h,i)perylene	BRL	1600		µg/Kg	5	10/27/2003 4:24:00 PM
Surr: 2-Fluorophenol	62.7	10-121		%REC	5	10/27/2003 4:24:00 PM
Surr: 4-Terphenyl-d14	74.6	18-137		%REC	5	10/27/2003 4:24:00 PM
Surr: Phenol-d5	64.3	18-113		%REC	5	10/27/2003 4:24:00 PM
Surr: 2-Fluorobiphenyl	71.3	26-115		%REC	5	10/27/2003 4:24:00 PM
Surr: 2,4,6-Tribromophenol	63.5	19-124		%REC	5	10/27/2003 4:24:00 PM
Surr: Nitrobenzene-d5	61.9	15-120		%REC	5	10/27/2003 4:24:00 PM
TCL VOLATILE ORGANICS		**SW8260B**				Analyst: **NWH**
1,1,1-Trichloroethane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,1,2,2-Tetrachloroethane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,1,2-Trichloroethane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,1-Dichloroethane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,1-Dichloroethene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,2,4-Trichlorobenzene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,2-Dibromo-3-chloropropane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,2-Dibromoethane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,2-Dichlorobenzene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,2-Dichloroethane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,2-Dichloropropane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,3-Dichlorobenzene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
1,4-Dichlorobenzene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
2-Butanone	BRL	10		µg/Kg	1	10/28/2003 1:01:00 PM
2-Hexanone	BRL	10		µg/Kg	1	10/28/2003 1:01:00 PM
4-Methyl-2-pentanone	BRL	10		µg/Kg	1	10/28/2003 1:01:00 PM
Acetone	BRL	20		µg/Kg	1	10/28/2003 1:01:00 PM
Benzene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Bromodichloromethane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Bromoform	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Bromomethane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Carbon disulfide	BRL	10		µg/Kg	1	10/28/2003 1:01:00 PM
Carbon tetrachloride	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Chlorobenzene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Chloroethane	BRL	10		µg/Kg	1	10/28/2003 1:01:00 PM
Chloroform	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Chloromethane	BRL	10		µg/Kg	1	10/28/2003 1:01:00 PM
cis-1,2-Dichloroethene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *06-Nov-03*

CLIENT: Environmental Management Associates, LL
Client Sample ID: B-2 3.5-5.0
Lab Order: 0310834
Collection Date: 10/14/2003
Project: 72 Milton Avenue
Lab ID: 0310834-001
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**				Analyst: **NWH**
cis-1,3-Dichloropropene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Cyclohexane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Dibromochloromethane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Dichlorodifluoromethane	BRL	10		µg/Kg	1	10/28/2003 1:01:00 PM
Ethylbenzene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Freon-113	BRL	10		µg/Kg	1	10/28/2003 1:01:00 PM
Isopropylbenzene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
m,p-Xylene	BRL	10		µg/Kg	1	10/28/2003 1:01:00 PM
Methyl acetate	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Methyl tert-butyl ether	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Methylcyclohexane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Methylene chloride	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
o-Xylene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Styrene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Tetrachloroethene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Toluene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
trans-1,2-Dichloroethene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
trans-1,3-Dichloropropene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Trichloroethene	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Trichlorofluoromethane	BRL	5.1		µg/Kg	1	10/28/2003 1:01:00 PM
Vinyl chloride	BRL	10		µg/Kg	1	10/28/2003 1:01:00 PM
Surr: 4-Bromofluorobenzene	83.5	58.1-130		%REC	1	10/28/2003 1:01:00 PM
Surr: Dibromofluoromethane	103	74.4-133		%REC	1	10/28/2003 1:01:00 PM
Surr: Toluene-d8	99.5	62.8-135		%REC	1	10/28/2003 1:01:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *06-Nov-03*

CLIENT: Environmental Management Associates, LL
Client Sample ID: B-2 8.5-10
Lab Order: 0310834
Collection Date: 10/14/2003
Project: 72 Milton Avenue
Lab ID: 0310834-002
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CHLORINATED PESTICIDES, TARGET COMPOUN		**SW8081A**				Analyst: **MJL**
4,4'-DDD	BRL	3.3		µg/Kg	1	10/27/2003 5:26:00 PM
4,4'-DDE	BRL	3.3		µg/Kg	1	10/27/2003 5:26:00 PM
4,4'-DDT	BRL	3.3		µg/Kg	1	10/27/2003 5:26:00 PM
Aldrin	BRL	1.7		µg/Kg	1	10/27/2003 5:26:00 PM
alpha-BHC	BRL	1.7		µg/Kg	1	10/27/2003 5:26:00 PM
alpha-Chlordane	BRL	1.7		µg/Kg	1	10/27/2003 5:26:00 PM
beta-BHC	BRL	1.7		µg/Kg	1	10/27/2003 5:26:00 PM
delta-BHC	BRL	1.7		µg/Kg	1	10/27/2003 5:26:00 PM
Dieldrin	BRL	3.3		µg/Kg	1	10/27/2003 5:26:00 PM
Endosulfan I	BRL	1.7		µg/Kg	1	10/27/2003 5:26:00 PM
Endosulfan II	BRL	3.3		µg/Kg	1	10/27/2003 5:26:00 PM
Endosulfan sulfate	BRL	3.3		µg/Kg	1	10/27/2003 5:26:00 PM
Endrin	BRL	3.3		µg/Kg	1	10/27/2003 5:26:00 PM
Endrin aldehyde	BRL	3.3		µg/Kg	1	10/27/2003 5:26:00 PM
Endrin ketone	BRL	3.3		µg/Kg	1	10/27/2003 5:26:00 PM
gamma-BHC	BRL	3.3		µg/Kg	1	10/27/2003 5:26:00 PM
gamma-Chlordane	BRL	1.7		µg/Kg	1	10/27/2003 5:26:00 PM
Heptachlor	BRL	1.7		µg/Kg	1	10/27/2003 5:26:00 PM
Heptachlor epoxide	BRL	1.7		µg/Kg	1	10/27/2003 5:26:00 PM
Methoxychlor	BRL	17		µg/Kg	1	10/27/2003 5:26:00 PM
Toxaphene	BRL	170		µg/Kg	1	10/27/2003 5:26:00 PM
Surr: Decachlorobiphenyl	69.0	45-148		%REC	1	10/27/2003 5:26:00 PM
Surr: Tetrachloro-m-xylene	50.1	12-149		%REC	1	10/27/2003 5:26:00 PM
POLYCHLORINATED BIPHENYLS		**SW8082**				Analyst: **MJL**
Aroclor 1016	BRL	33		µg/Kg	1	10/27/2003 11:16:00 PM
Aroclor 1221	BRL	33		µg/Kg	1	10/27/2003 11:16:00 PM
Aroclor 1232	BRL	33		µg/Kg	1	10/27/2003 11:16:00 PM
Aroclor 1242	BRL	33		µg/Kg	1	10/27/2003 11:16:00 PM
Aroclor 1248	BRL	33		µg/Kg	1	10/27/2003 11:16:00 PM
Aroclor 1254	BRL	33		µg/Kg	1	10/27/2003 11:16:00 PM
Aroclor 1260	BRL	33		µg/Kg	1	10/27/2003 11:16:00 PM
Surr: Decachlorobiphenyl	108	58-145		%REC	1	10/27/2003 11:16:00 PM
Surr: Tetrachloro-m-xylene	55.9	23-137		%REC	1	10/27/2003 11:16:00 PM
CHLORINATED HERBICIDES		**SW8151A**				Analyst: **MJL**
2,4,5-T	BRL	17		µg/Kg	1	10/28/2003 1:23:00 PM
2,4,5-TP (Silvex)	BRL	17		µg/Kg	1	10/28/2003 1:23:00 PM
2,4-D	BRL	17		µg/Kg	1	10/28/2003 1:23:00 PM
2,4-DB	BRL	17		µg/Kg	1	10/28/2003 1:23:00 PM
Dalapon	BRL	33		µg/Kg	1	10/28/2003 1:23:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *06-Nov-03*

CLIENT: Environmental Management Associates, LL
Client Sample ID: B-2 8.5-10
Lab Order: 0310834
Collection Date: 10/14/2003
Project: 72 Milton Avenue
Lab ID: 0310834-002
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CHLORINATED HERBICIDES		**SW8151A**				Analyst: **MJL**
Dicamba	BRL	17		µg/Kg	1	10/28/2003 1:23:00 PM
Dichlorprop	BRL	17		µg/Kg	1	10/28/2003 1:23:00 PM
Dinoseb	BRL	17		µg/Kg	1	10/28/2003 1:23:00 PM
MCPA	BRL	660		µg/Kg	1	10/28/2003 1:23:00 PM
MCPP	BRL	660		µg/Kg	1	10/28/2003 1:23:00 PM
Surr: DCAA	92.2	21.9-124		%REC	1	10/28/2003 1:23:00 PM
CYANIDE, TOTAL		**SW9012**				Analyst: **TL**
Cyanide, Total	BRL	0.885		mg/Kg	1	10/29/2003 3:58:16 PM
METALS, TOTAL		**SW6010B**				Analyst: **SSS**
Arsenic	5.59	3.80		mg/Kg	1	10/27/2003 9:29:00 PM
Barium	232	3.80		mg/Kg	1	10/27/2003 9:29:00 PM
Cadmium	BRL	1.90		mg/Kg	1	10/27/2003 9:29:00 PM
Chromium	45.1	1.90		mg/Kg	1	10/27/2003 9:29:00 PM
Lead	134	3.80		mg/Kg	1	10/27/2003 9:29:00 PM
Selenium	BRL	3.80		mg/Kg	1	10/27/2003 9:29:00 PM
Silver	BRL	1.90		mg/Kg	1	10/27/2003 9:29:00 PM
TOTAL MERCURY		**SW7471A**				Analyst: **JDJ**
Mercury	BRL	0.0969		mg/Kg	1	10/27/2003 4:26:07 PM
TCL-SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **EP**
Phenol	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Bis(2-chloroethyl)ether	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
1,3-Dichlorobenzene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
1,4-Dichlorobenzene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
1,2-Dichlorobenzene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Bis(2-chloroisopropyl)ether	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2-Methylphenol	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
4-Methylphenol	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
N-Nitrosodi-n-propylamine	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Hexachloroethane	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Nitrobenzene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Isophorone	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2-Nitrophenol	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2,4-Dimethylphenol	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Bis(2-chloroethoxy)methane	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2,4-Dichlorophenol	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
1,2,4-Trichlorobenzene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Naphthalene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
4-Chloroaniline	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *06-Nov-03*

CLIENT: Environmental Management Associates, LL
Lab Order: 0310834
Project: 72 Milton Avenue
Lab ID: 0310834-002

Client Sample ID: B-2 8.5-10
Collection Date: 10/14/2003
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **EP**
Hexachlorobutadiene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
4-Chloro-3-methylphenol	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2-Chlorophenol	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Hexachlorocyclopentadiene	BRL	6600		µg/Kg	5	10/27/2003 6:13:00 PM
2,4,6-Trichlorophenol	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2,4,5-Trichlorophenol	BRL	17000		µg/Kg	5	10/27/2003 6:13:00 PM
2-Chloronaphthalene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2-Methylnaphthalene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2-Nitroaniline	BRL	17000		µg/Kg	5	10/27/2003 6:13:00 PM
3-Nitroaniline	BRL	17000		µg/Kg	5	10/27/2003 6:13:00 PM
4-Nitroaniline	BRL	17000		µg/Kg	5	10/27/2003 6:13:00 PM
Dimethyl phthalate	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Acenaphthylene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2,6-Dinitrotoluene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Acenaphthene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2,4-Dinitrophenol	BRL	17000		µg/Kg	5	10/27/2003 6:13:00 PM
Dibenzofuran	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
4-Nitrophenol	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
2,4-Dinitrotoluene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Diethyl phthalate	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Fluorene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
4-Chlorophenyl phenyl ether	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
4,6-Dinitro-2-methylphenol	BRL	17000		µg/Kg	5	10/27/2003 6:13:00 PM
N-Nitrosodiphenylamine	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
4-Bromophenyl phenyl ether	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Hexachlorobenzene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Pentachlorophenol	BRL	17000		µg/Kg	5	10/27/2003 6:13:00 PM
Phenanthrene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Anthracene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Carbazole	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Di-n-butyl phthalate	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Fluoranthene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Pyrene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Butyl benzyl phthalate	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
3,3'-Dichlorobenzidine	BRL	6700		µg/Kg	5	10/27/2003 6:13:00 PM
Benz(a)anthracene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Chrysene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Bis(2-ethylhexyl)phthalate	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Di-n-octyl phthalate	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Benzo(b)fluoranthene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *06-Nov-03*

CLIENT: Environmental Management Associates, LL
Client Sample ID: B-2 8.5-10
Lab Order: 0310834
Collection Date: 10/14/2003
Project: 72 Milton Avenue
Lab ID: 0310834-002
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **EP**
Benzo(k)fluoranthene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Benzo(a)pyrene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Indeno(1,2,3-cd)pyrene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Dibenz(a,h)anthracene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Benzo(g,h,i)perylene	BRL	3300		µg/Kg	5	10/27/2003 6:13:00 PM
Surr: 2-Fluorophenol	62.4	10-121		%REC	5	10/27/2003 6:13:00 PM
Surr: 4-Terphenyl-d14	76.0	18-137		%REC	5	10/27/2003 6:13:00 PM
Surr: Phenol-d5	67.1	18-113		%REC	5	10/27/2003 6:13:00 PM
Surr: 2-Fluorobiphenyl	77.2	26-115		%REC	5	10/27/2003 6:13:00 PM
Surr: 2,4,6-Tribromophenol	68.0	19-124		%REC	5	10/27/2003 6:13:00 PM
Surr: Nitrobenzene-d5	63.4	15-120		%REC	5	10/27/2003 6:13:00 PM
TCL VOLATILE ORGANICS		**SW8260B**				Analyst: **NWH**
1,1,1-Trichloroethane	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,1,2,2-Tetrachloroethane	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,1,2-Trichloroethane	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,1-Dichloroethane	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,1-Dichloroethene	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,2,4-Trichlorobenzene	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,2-Dibromo-3-chloropropane	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,2-Dibromoethane	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,2-Dichlorobenzene	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,2-Dichloroethane	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,2-Dichloropropane	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,3-Dichlorobenzene	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
1,4-Dichlorobenzene	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
2-Butanone	BRL	8.3		µg/Kg	1	10/28/2003 1:35:00 PM
2-Hexanone	BRL	8.3		µg/Kg	1	10/28/2003 1:35:00 PM
4-Methyl-2-pentanone	BRL	8.3		µg/Kg	1	10/28/2003 1:35:00 PM
Acetone	BRL	17		µg/Kg	1	10/28/2003 1:35:00 PM
Benzene	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
Bromodichloromethane	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
Bromoform	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
Bromomethane	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
Carbon disulfide	BRL	8.3		µg/Kg	1	10/28/2003 1:35:00 PM
Carbon tetrachloride	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
Chlorobenzene	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
Chloroethane	BRL	8.3		µg/Kg	1	10/28/2003 1:35:00 PM
Chloroform	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM
Chloromethane	BRL	8.3		µg/Kg	1	10/28/2003 1:35:00 PM
cis-1,2-Dichloroethene	BRL	4.1		µg/Kg	1	10/28/2003 1:35:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39339

Sample ID: **MB-39339**	SampType: **MBLK**	TestCode: **8151_TCL_S**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44263**
Client ID:	Batch ID: **39339**	TestNo: **SW8151A**		Analysis Date: **10/28/2003**	SeqNo: **814697**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	17									
2,4,5-TP (Silvex)	BRL	17									
2,4-D	BRL	17									
2,4-DB	BRL	17									
Dalapon	BRL	33									
Dicamba	BRL	17									
Dichlorprop	BRL	17									
Dinoseb	BRL	17									
MCPA	BRL	660									
MCPP	BRL	660									
Surr: DCAA	107.7	0	166.7	0	64.6	19	112	0	0		

Sample ID: **LCS-39339**	SampType: **LCS**	TestCode: **8151_TCL_S**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44263**
Client ID:	Batch ID: **39339**	TestNo: **SW8151A**		Analysis Date: **10/28/2003**	SeqNo: **814700**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	159.9	17	166.7	0	95.9	11	121	0	0		
2,4,5-TP (Silvex)	157.1	17	166.7	0	94.2	21	109	0	0		
2,4-D	137	17	166.7	0	82.2	19	122	0	0		
Dicamba	146.3	17	166.7	0	87.8	25	111	0	0		
Dichlorprop	142.1	17	166.7	0	85.2	16	129	0	0		
Surr: DCAA	147.1	0	166.7	0	88.2	19	112	0	0		

Sample ID: **0310776-001AMS**	SampType: **MS**	TestCode: **8151_TCL_S**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44263**
Client ID:	Batch ID: **39339**	TestNo: **SW8151A**		Analysis Date: **10/28/2003**	SeqNo: **814712**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	121.5	17	166.6	0	72.9	20	113	0	0		
2,4,5-TP (Silvex)	145.2	17	166.6	0	87.1	26.2	145	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39339

Sample ID: **0310776-001AMS**	SampType: **MS**	TestCode: **8151_TCL_S**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44263**
Client ID:	Batch ID: **39339**	TestNo: **SW8151A**		Analysis Date: **10/28/2003**	SeqNo: **814712**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-D	140.2	17	166.6	0	84.2	30.8	118	0	0		
Dicamba	140.2	17	166.6	0	84.1	39.3	125	0	0		
Dichlorprop	164.6	17	166.6	0	98.8	29.6	136	0	0		
Surr: DCAA	161.1	0	166.6	0	96.6	21.9	124	0	0		

Sample ID: **0310776-001AMSD**	SampType: **MSD**	TestCode: **8151_TCL_S**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44263**
Client ID:	Batch ID: **39339**	TestNo: **SW8151A**		Analysis Date: **10/28/2003**	SeqNo: **814714**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	113.1	17	166.6	0	67.9	20	113	121.5	7.24	35	
2,4,5-TP (Silvex)	134.5	17	166.6	0	80.7	26.2	145	145.2	7.67	47	
2,4-D	125.1	17	166.6	0	75.1	30.8	118	140.2	11.4	17	
Dicamba	136	17	166.6	0	81.6	39.3	125	140.2	3.04	40	
Dichlorprop	158.5	17	166.6	0	95.2	29.6	136	164.6	3.73	35	
Surr: DCAA	147.2	0	166.6	0	88.4	21.9	124	161.1	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39340

Sample ID: **SEQBLK**	SampType: **MBLK**	TestCode: **8270_TCL_S_**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44209**
Client ID:	Batch ID: **39340**	TestNo: **SW8270C**		Analysis Date: **10/27/2003**	SeqNo: **813585**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	BRL	330									
1,2-Dichlorobenzene	BRL	330									
1,3-Dichlorobenzene	BRL	330									
1,4-Dichlorobenzene	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3'-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	330									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Anthracene	BRL	330									
Benz(a)anthracene	BRL	330									

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39340

Sample ID: SEQBLK	SampType: MBLK	TestCode: 8270_TCL_S_ Units: µg/Kg	Prep Date: 10/27/2003	RunNo: 44209
Client ID:	Batch ID: 39340	TestNo: SW8270C	Analysis Date: 10/27/2003	SeqNo: 813585

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39340

Sample ID: **SEQBLK**	SampType: **MBLK**	TestCode: **8270_TCL_S_**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44209**
Client ID:	Batch ID: **39340**	TestNo: **SW8270C**		Analysis Date: **10/27/2003**	SeqNo: **813585**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	2856	0	3333	0	85.7	19	124	0	0		
Surr: 2-Fluorobiphenyl	1299	0	1667	0	77.9	26	115	0	0		
Surr: 2-Fluorophenol	2450	0	3333	0	73.5	10	121	0	0		
Surr: 4-Terphenyl-d14	1624	0	1667	0	97.4	18	137	0	0		
Surr: Nitrobenzene-d5	1269	0	1667	0	76.1	15	120	0	0		
Surr: Phenol-d5	2545	0	3333	0	76.4	18	113	0	0		

Sample ID: **MB-39340**	SampType: **MBLK**	TestCode: **8270_TCL_S_**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44264**
Client ID:	Batch ID: **39340**	TestNo: **SW8270C**		Analysis Date: **10/27/2003**	SeqNo: **814891**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	BRL	330									
1,2-Dichlorobenzene	BRL	330									
1,3-Dichlorobenzene	BRL	330									
1,4-Dichlorobenzene	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3'-Dichlorobenzidine	BRL	670									

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39340

Sample ID: **MB-39340**	SampType: **MBLK**	TestCode: **8270_TCL_S_** Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44264**
Client ID:	Batch ID: **39340**	TestNo: **SW8270C**	Analysis Date: **10/27/2003**	SeqNo: **814891**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	330									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Anthracene	BRL	330									
Benz(a)anthracene	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Fluoranthene	BRL	330									

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39340

Sample ID: **MB-39340**	SampType: **MBLK**	TestCode: **8270_TCL_S_**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44264**
Client ID:	Batch ID: **39340**	TestNo: **SW8270C**		Analysis Date: **10/27/2003**	SeqNo: **814891**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	2856	0	3333	0	85.7	19	124	0	0		
Surr: 2-Fluorobiphenyl	1299	0	1667	0	77.9	26	115	0	0		
Surr: 2-Fluorophenol	2450	0	3333	0	73.5	10	121	0	0		
Surr: 4-Terphenyl-d14	1624	0	1667	0	97.4	18	137	0	0		
Surr: Nitrobenzene-d5	1269	0	1667	0	76.1	15	120	0	0		
Surr: Phenol-d5	2545	0	3333	0	76.4	18	113	0	0		

Sample ID: **LCS-39340**	SampType: **LCS**	TestCode: **8270_TCL_S_**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44264**
Client ID:	Batch ID: **39340**	TestNo: **SW8270C**		Analysis Date: **10/27/2003**	SeqNo: **814701**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2469	330	3333	0	74.1	32	117	0	0		
1,4-Dichlorobenzene	2324	330	3333	0	69.7	20	124	0	0		
2,4-Dinitrotoluene	2739	330	3333	0	82.2	28	112	0	0		
2-Chlorophenol	2520	330	3333	0	75.6	23	134	0	0		
4-Chloro-3-methylphenol	3016	330	3333	0	90.5	22	147	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39340

Sample ID: **0310834-001BMS** SampType: **MS** TestCode: **8270_TCL_S_** Units: **µg/Kg** Prep Date: **10/27/2003** RunNo: **44264**
Client ID: **B-2 3.5-5.0** Batch ID: **39340** TestNo: **SW8270C** Analysis Date: **10/27/2003** SeqNo: **814705**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	1473	0	1666	0	88.4	18	137	0	0		
Surr: Nitrobenzene-d5	1498	0	1666	0	89.9	15	120	0	0		
Surr: Phenol-d5	2836	0	3332	0	85.1	18	113	0	0		

Sample ID: **0310834-001BMSD** SampType: **MSD** TestCode: **8270_TCL_S_** Units: **µg/Kg** Prep Date: **10/27/2003** RunNo: **44264**
Client ID: **B-2 3.5-5.0** Batch ID: **39340** TestNo: **SW8270C** Analysis Date: **10/27/2003** SeqNo: **814706**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2796	1600	3331	0	84	26	112	2957	5.59	23.4	
1,4-Dichlorobenzene	2665	1600	3331	0	80	20	124	2842	6.45	28.6	
2,4-Dinitrotoluene	2400	1600	3331	0	72.1	39	141	2729	12.8	20.5	
2-Chlorophenol	2835	1600	3331	0	85.1	23	134	3074	8.10	27.7	
4-Chloro-3-methylphenol	2995	1600	3331	0	89.9	22	147	3327	10.5	23.7	
4-Nitrophenol	2363	1600	3331	0	71	11	132	2636	10.9	22	
Acenaphthene	3118	1600	3331	0	93.6	41	145	3377	7.98	21.1	
N-Nitrosodi-n-propylamine	3095	1600	3331	0	92.9	21	113	3326	7.19	23.2	
Pentachlorophenol	BRL	8500	3331	0	90.2	14	175	3259	0	20.8	
Phenol	2660	1600	3331	0	79.9	5	124	2921	9.35	24.6	
Pyrene	4584	1600	3331	582.2	120	49	167	5613	20.2	23.8	
Surr: 2,4,6-Tribromophenol	2533	0	3331	0	76.1	19	124	2751	0	0	
Surr: 2-Fluorobiphenyl	1409	0	1666	0	84.6	26	115	1470	0	0	
Surr: 2-Fluorophenol	2465	0	3331	0	74	10	121	2717	0	0	
Surr: 4-Terphenyl-d14	1367	0	1666	0	82.1	18	137	1473	0	0	
Surr: Nitrobenzene-d5	1321	0	1666	0	79.3	15	120	1498	0	0	
Surr: Phenol-d5	2598	0	3331	0	78	18	113	2836	0	0	

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
BRL Below Reporting Limit
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
N Analyte not NELAC certified

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39346

Sample ID: MB-39346	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 10/27/2003	RunNo: 44193
Client ID:	Batch ID: 39346	TestNo: SW6010B		Analysis Date: 10/27/2003	SeqNo: 813749

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID: LCS-39346	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 10/27/2003	RunNo: 44193
Client ID:	Batch ID: 39346	TestNo: SW6010B		Analysis Date: 10/27/2003	SeqNo: 813748

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	51.29	5.00	50	0	103	80	120	0	0		
Barium	50.07	5.00	50	0.077	100	80	120	0	0		
Cadmium	53	2.50	50	0.0595	106	80	120	0	0		
Chromium	54.5	2.50	50	0.913	107	80	120	0	0		
Lead	52.8	5.00	50	0.1505	105	80	120	0	0		
Selenium	50.95	5.00	50	0	102	80	120	0	0		
Silver	4.73	2.50	5	0	94.6	80	120	0	0		

Sample ID: 0310810-002AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 10/27/2003	RunNo: 44193
Client ID:	Batch ID: 39346	TestNo: SW6010B		Analysis Date: 10/27/2003	SeqNo: 813754

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	32	4.09	40.95	1.613	74.2	75	125	0	0		S
Barium	130.5	4.09	40.95	97.52	80.5	75	125	0	0		
Cadmium	37.39	2.05	40.95	0	91.3	75	125	0	0		
Chromium	116.8	2.05	40.95	81.79	85.5	75	125	0	0		
Lead	49.48	4.09	40.95	13.24	88.5	75	125	0	0		
Selenium	30.45	4.09	40.95	0	74.4	75	125	0	0		S
Silver	3.229	2.05	4.095	0	78.9	75	125	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39346

Sample ID: **0310810-002ADUP**	SampType: **DUP**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **10/27/2003**	RunNo: **44193**
Client ID:	Batch ID: **39346**	TestNo: **SW6010B**		Analysis Date: **10/27/2003**	SeqNo: **813753**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	4.09	0	0	0	0	0	1.613	0	20	
Barium	95.48	4.09	0	0	0	0	0	97.52	2.11	20	
Cadmium	BRL	2.04	0	0	0	0	0	0	0	20	
Chromium	76.4	2.04	0	0	0	0	0	81.79	6.82	20	
Lead	13.47	4.09	0	0	0	0	0	13.24	1.78	20	
Selenium	BRL	4.09	0	0	0	0	0	0	0	20	
Silver	BRL	2.04	0	0	0	0	0	0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39348

Sample ID: **MB-39348**	SampType: **MBLK**	TestCode: **8082_S**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44238**
Client ID:	Batch ID: **39348**	TestNo: **SW8082**		Analysis Date: **10/27/2003**	SeqNo: **814206**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	BRL	33									
Aroclor 1221	BRL	33									
Aroclor 1232	BRL	33									
Aroclor 1242	BRL	33									
Aroclor 1248	BRL	33									
Aroclor 1254	BRL	33									
Aroclor 1260	BRL	33									
Surr: Decachlorobiphenyl	18.72	0	16.67	0	112	58	145	0	0		
Surr: Tetrachloro-m-xylene	13.59	0	16.67	0	81.5	23	137	0	0		

Sample ID: **LCS-39348**	SampType: **LCS**	TestCode: **8082_S**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44238**
Client ID:	Batch ID: **39348**	TestNo: **SW8082**		Analysis Date: **10/27/2003**	SeqNo: **814207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	163.3	33	166.7	0	98	56	116	0	0		
Aroclor 1260	150.4	33	166.7	0	90.3	57	125	0	0		
Surr: Decachlorobiphenyl	18.35	0	16.67	0	110	58	145	0	0		
Surr: Tetrachloro-m-xylene	15.59	0	16.67	0	93.5	23	137	0	0		

Sample ID: **0310834-002BMS**	SampType: **MS**	TestCode: **8082_S**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44238**
Client ID: **B-2 8.5-10**	Batch ID: **39348**	TestNo: **SW8082**		Analysis Date: **10/27/2003**	SeqNo: **814210**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	136.4	33	166.5	0	81.9	39	130	0	0		
Aroclor 1260	106.5	33	166.5	0	64	28	163	0	0		
Surr: Decachlorobiphenyl	16.27	0	16.65	0	97.7	58	145	0	0		
Surr: Tetrachloro-m-xylene	9.558	0	16.65	0	57.4	23	137	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39348

Sample ID: **0310834-002BMSD**	SampType: **MSD**	TestCode: **8082_S**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44238**
Client ID: **B-2 8.5-10**	Batch ID: **39348**	TestNo: **SW8082**		Analysis Date: **10/28/2003**	SeqNo: **814211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	124.6	33	166.7	0	74.7	39	130	136.4	9.08	24	
Aroclor 1260	91.42	33	166.7	0	54.9	28	163	106.5	15.2	31	
Surr: Decachlorobiphenyl	13.99	0	16.67	0	83.9	58	145	16.27	0	0	
Surr: Tetrachloro-m-xylene	8.302	0	16.67	0	49.8	23	137	9.558	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39349

Sample ID: MB-39349	SampType: MBLK	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 10/27/2003	RunNo: 44236
Client ID:	Batch ID: 39349	TestNo: SW8081A		Analysis Date: 10/27/2003	SeqNo: 814131

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	BRL	3.3									
4,4'-DDE	BRL	3.3									
4,4'-DDT	BRL	3.3									
Aldrin	BRL	1.7									
alpha-BHC	BRL	1.7									
alpha-Chlordane	BRL	1.7									
beta-BHC	BRL	1.7									
delta-BHC	BRL	1.7									
Dieldrin	BRL	3.3									
Endosulfan I	BRL	1.7									
Endosulfan II	BRL	3.3									
Endosulfan sulfate	BRL	3.3									
Endrin	BRL	3.3									
Endrin aldehyde	BRL	3.3									
Endrin ketone	BRL	3.3									
gamma-BHC	BRL	3.3									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Methoxychlor	BRL	17									
Toxaphene	BRL	170									
Surr: Decachlorobiphenyl	11.55	0	16.67	0	69.3	45	148	0	0		
Surr: Tetrachloro-m-xylene	13.45	0	16.67	0	80.7	12	149	0	0		

Sample ID: LCS-39349	SampType: LCS	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 10/27/2003	RunNo: 44236
Client ID:	Batch ID: 39349	TestNo: SW8081A		Analysis Date: 10/27/2003	SeqNo: 814132

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	35.26	3.3	41.67	0	84.6	50	154	0	0		
Aldrin	16.46	1.7	16.67	0	98.8	60	136	0	0		
Dieldrin	38.2	3.3	41.67	0	91.7	68	142	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39349

Sample ID: LCS-39349	SampType: LCS	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 10/27/2003	RunNo: 44236
Client ID:	Batch ID: 39349	TestNo: SW8081A		Analysis Date: 10/27/2003	SeqNo: 814132

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endrin	39.34	3.3	41.67	0	94.4	56	149	0	0		
gamma-BHC	13.91	3.3	16.67	0	83.4	55	154	0	0		
Heptachlor	13.91	1.7	16.67	0	83.5	50	169	0	0		
Surr: Decachlorobiphenyl	11.53	0	16.67	0	69.2	45	148	0	0		
Surr: Tetrachloro-m-xylene	15.96	0	16.67	0	95.7	12	149	0	0		

Sample ID: 0310776-001AMS	SampType: MS	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 10/27/2003	RunNo: 44236
Client ID:	Batch ID: 39349	TestNo: SW8081A		Analysis Date: 10/27/2003	SeqNo: 814136

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	30.9	3.3	41.66	0	74.2	23	134	0	0		
Aldrin	15.03	1.7	16.66	0	90.2	34	132	0	0		
Dieldrin	34.32	3.3	41.66	0	82.4	31	134	0	0		
Endrin	34.51	3.3	41.66	0	82.8	42	139	0	0		
gamma-BHC	12.02	3.3	16.66	0	72.1	46	127	0	0		
Heptachlor	12.28	1.7	16.66	0	73.7	35	130	0	0		
Surr: Decachlorobiphenyl	9.793	0	16.66	0	58.8	45	148	0	0		
Surr: Tetrachloro-m-xylene	13.59	0	16.66	0	81.5	12	149	0	0		

Sample ID: 0310776-001AMSD	SampType: MSD	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 10/27/2003	RunNo: 44236
Client ID:	Batch ID: 39349	TestNo: SW8081A		Analysis Date: 10/27/2003	SeqNo: 814137

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	30.27	3.3	41.64	0	72.7	23	134	30.9	2.06	0	
Aldrin	13.99	1.7	16.66	0	84	34	132	15.03	7.13	0	
Dieldrin	32.38	3.3	41.64	0	77.8	31	134	34.32	5.82	0	
Endrin	33.49	3.3	41.64	0	80.4	42	139	34.51	3.00	0	
gamma-BHC	11.21	3.3	16.66	0	67.3	46	127	12.02	6.98	0	
Heptachlor	11.61	1.7	16.66	0	69.7	35	130	12.28	5.66	0	
Surr: Decachlorobiphenyl	9.111	0	16.66	0	54.7	45	148	9.793	0	0	
Surr: Tetrachloro-m-xylene	10.89	0	16.66	0	65.4	12	149	13.59	0	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39375

Sample ID: **MB-39375**	SampType: **MBLK**	TestCode: **7471A_S**	Units: **mg/Kg**	Prep Date: **10/27/2003**	RunNo: **44211**
Client ID:	Batch ID: **39375**	TestNo: **SW7471A**		Analysis Date: **10/27/2003**	SeqNo: **813484**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.100									

Sample ID: **LCS-39375**	SampType: **LCS**	TestCode: **7471A_S**	Units: **mg/Kg**	Prep Date: **10/27/2003**	RunNo: **44211**
Client ID:	Batch ID: **39375**	TestNo: **SW7471A**		Analysis Date: **10/27/2003**	SeqNo: **813485**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.412	0.100	0.4	0	103	80	120	0	0		

Sample ID: **0310776-001AMS**	SampType: **MS**	TestCode: **7471A_S**	Units: **mg/Kg**	Prep Date: **10/27/2003**	RunNo: **44211**
Client ID:	Batch ID: **39375**	TestNo: **SW7471A**		Analysis Date: **10/27/2003**	SeqNo: **813487**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4066	0.0997	0.3987	0	102	70	130	0	0		

Sample ID: **0310776-001AMSD**	SampType: **MSD**	TestCode: **7471A_S**	Units: **mg/Kg**	Prep Date: **10/27/2003**	RunNo: **44211**
Client ID:	Batch ID: **39375**	TestNo: **SW7471A**		Analysis Date: **10/27/2003**	SeqNo: **813488**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3968	0.0990	0.3959	0	100	70	130	0.4066	2.45	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39418

Sample ID: **MB-39418**	SampType: **MBLK**	TestCode: **8260_TCL4.2**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44258**
Client ID:	Batch ID: **39418**	TestNo: **SW8260B**		Analysis Date: **10/28/2003**	SeqNo: **814577**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	10									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	20									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39418

Sample ID: **MB-39418**	SampType: **MBLK**	TestCode: **8260_TCL4.2**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44258**
Client ID:	Batch ID: **39418**	TestNo: **SW8260B**		Analysis Date: **10/28/2003**	SeqNo: **814577**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	10									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	46.29	0	50	0	92.6	58.1	130	0	0		
Surr: Dibromofluoromethane	50.02	0	50	0	100	74.4	133	0	0		
Surr: Toluene-d8	52.14	0	50	0	104	62.8	135	0	0		

Sample ID: **LCS-39418**	SampType: **LCS**	TestCode: **8260_TCL4.2**	Units: **µg/Kg**	Prep Date: **10/27/2003**	RunNo: **44258**
Client ID:	Batch ID: **39418**	TestNo: **SW8260B**		Analysis Date: **10/28/2003**	SeqNo: **814578**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	54.82	5.0	50	0	110	73	137	0	0		
Benzene	59.23	5.0	50	0	118	81	132	0	0		
Chlorobenzene	54.95	5.0	50	0	110	84	130	0	0		
Toluene	59.09	5.0	50	0	118	82	126	0	0		
Trichloroethene	60.72	5.0	50	0	121	68	135	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39418

Sample ID: LCS-39418	SampType: LCS	TestCode: 8260_TCL4.2	Units: µg/Kg	Prep Date: 10/27/2003	RunNo: 44258
Client ID:	Batch ID: 39418	TestNo: SW8260B		Analysis Date: 10/28/2003	SeqNo: 814578

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	45.04	0	50	0	90.1	58.1	130	0	0		
Surr: Dibromofluoromethane	48.43	0	50	0	96.9	74.4	133	0	0		
Surr: Toluene-d8	53.03	0	50	0	106	62.8	135	0	0		

Sample ID: 0310843-003AMS	SampType: MS	TestCode: 8260_TCL4.2	Units: µg/Kg	Prep Date: 10/27/2003	RunNo: 44393
Client ID:	Batch ID: 39418	TestNo: SW8260B		Analysis Date: 10/30/2003	SeqNo: 817084

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	58.92	5.0	50	0	118	53	139	0	0		
Benzene	60.8	5.0	50	0	122	70	133	0	0		
Chlorobenzene	54.91	5.0	50	0	110	61	131	0	0		
Toluene	57.34	5.0	50	0	115	66	126	0	0		
Trichloroethene	60.97	5.0	50	0	122	60	130	0	0		
Surr: 4-Bromofluorobenzene	44.98	0	50	0	90	58.1	130	0	0		
Surr: Dibromofluoromethane	51.32	0	50	0	103	74.4	133	0	0		
Surr: Toluene-d8	51.34	0	50	0	103	62.8	135	0	0		

Sample ID: 0310843-003AMSD	SampType: MSD	TestCode: 8260_TCL4.2	Units: µg/Kg	Prep Date: 10/27/2003	RunNo: 44393
Client ID:	Batch ID: 39418	TestNo: SW8260B		Analysis Date: 10/30/2003	SeqNo: 817085

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	58.92	5.0	50	0	118	53	139	58.92	0	30	
Benzene	62.96	5.0	50	0	126	70	133	60.8	3.49	30	
Chlorobenzene	55.82	5.0	50	0	112	61	131	54.91	1.64	30	
Toluene	58.87	5.0	50	0	118	66	126	57.34	2.63	30	
Trichloroethene	60.38	5.0	50	0	121	60	130	60.97	0.972	30	
Surr: 4-Bromofluorobenzene	45.08	0	50	0	90.2	58.1	130	44.98	0	0	
Surr: Dibromofluoromethane	49.31	0	50	0	98.6	74.4	133	51.32	0	0	
Surr: Toluene-d8	52.84	0	50	0	106	62.8	135	51.34	0	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0310834
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 39447

Sample ID: MB-39447	SampType: MBLK	TestCode: 9012A_S	Units: mg/Kg	Prep Date: 10/29/2003	RunNo: 44325
Client ID:	Batch ID: 39447	TestNo: SW9012		Analysis Date: 10/29/2003	SeqNo: 815703

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	BRL	1.00									

Sample ID: LCS-39447	SampType: LCS	TestCode: 9012A_S	Units: mg/Kg	Prep Date: 10/29/2003	RunNo: 44325
Client ID:	Batch ID: 39447	TestNo: SW9012		Analysis Date: 10/29/2003	SeqNo: 815705

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	12.45	1.00	12.5	0	99.6	85	115	0	0		

Sample ID: 0310729-022AMS	SampType: MS	TestCode: 9012A_S	Units: mg/Kg	Prep Date: 10/29/2003	RunNo: 44325
Client ID:	Batch ID: 39447	TestNo: SW9012		Analysis Date: 10/29/2003	SeqNo: 815711

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	10.93	0.806	10.08	0	108	70	130	0	0		

Sample ID: 0310729-022ADUP	SampType: DUP	TestCode: 9012A_S	Units: mg/Kg	Prep Date: 10/29/2003	RunNo: 44325
Client ID:	Batch ID: 39447	TestNo: SW9012		Analysis Date: 10/29/2003	SeqNo: 815709

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	BRL	0.806	0	0	0	0	0	0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

ATTACHMENT B

LIMITATIONS AND EXCEPTIONS

The degree of diligence undertaken resulting in the preparation of this report has been determined by the client, as it relates directly to the extent of the risk client is willing to accept. Therefore, this report is to be used only by the client (addressee, any entity in which addressee or Eric Ranney is directly or indirectly a principal, and any lender to any of the foregoing), since the client's risk tolerance levels may be different from another party.

It is absolutely impossible to say with any degree of certainty that contaminants were not present on the property when it was assessed (assuming issuance of this report does not offer any guaranty and/or warranty that hazardous substances are not present).

The imbalance between risk and benefit is such that as part of the overall consideration for the consultant performing this work, it is understood and agreed that by the issuance of the report by the consultant, the client limits liability of the consultant and to the client and third parties (except when damages result from gross negligence or willful misconduct) to the amount of the fee paid to the consultant for, this report, the client specifically will defend and hold harmless the consultant for any liability for consequential damages, including but not limited to those resulting from loss of use or loss of profits.

This Phase II ESA may include and/or disclose sensitive information and is intended only for the use of the client, except as limited and required by EMA to disclose certain findings to government agencies. EMA will notify client in advance of the intention to disclose information to a government agency if required.

All data, maps, field notes, report drafts, and other related information held by EMA are confidential and restricted, and are only available to the client, and upon written approval from client, to client's attorney or designated agency, unless otherwise required by law to be made available through discovery litigation.

The information contained in this report is deemed reliable; however, there cannot be a guarantee that all hazardous or potentially hazardous conditions have been identified or located.

APPENDIX C

REM-CON REMOVAL REPORTS (OCTOBER 2006)

REM-CON
Limited Liability Company

ENVIRONMENTAL REMEDIATION & CONSTRUCTION SERVICES

October 9, 2006

Reference No. RC-123

Mr. Eric Ranney
Lebow Land Company, LLC
900 Peachtree Street, Suite 400
Atlanta, Georgia 30309

Dear Mr. Ranney:

Re: Soil Removal - Sample Locations BLDG1W4, USP8W4, SD-01, SD-03, and SD-05
Milton Avenue
Atlanta, Georgia

REM-CON, LLC (REM-CON) conducted soil removal activities from March 21 to April 19, 2006 for the above-referenced locations in accordance with our discussions. The objective was to remove metal impacted soils reported by the Georgia Environmental Protection Division (EPD) above the associated Hazardous Site Response Act (HSRA) Notification Concentrations (NCs) in some instances or above the HSRA Type 2 Risk Reduction Standards (RRS) in others, as described in the draft US Plating Burn Site Removal Activities Report (Revision 1) dated February 24, 2006, the pertinent portions of which were received from EPD on March 28, 2006. This report provides a background summary of EPD's findings, a description of the impacted soil removal activities completed, and presents the confirmatory soil sampling results.

BACKGROUND

In 2005, American Environmental & Construction Services, Inc. (AECS) under Hazardous Site Response Program Project Assignment Form 741154-1-04 conducted soil remediation activities at the US Plating & Burn Site located at 78 Milton Avenue in Atlanta, Georgia. As set forth in the RAR, soil sampling conducted by AECS indicated that soils at two sidewall sample locations (BLDG1W4 and USP8W4) and three surface soil samples (SD-01, 03, and 05) were above the NCs for select metal analytes in some cases or above the RRS in others. A summary of the metals reported and the corresponding NCs and RRS are provided in the attached Table 1.

It should be noted that statements in the RAR that sample locations BLDG1W4 and USP8W4 are not located on 78 Milton Avenue are in all likelihood incorrect. The statements are based on the conclusion that the building formerly located on the east side of 78 Milton encroached over the property line into an adjacent railroad spur [based on a survey made at the request of AECS (ACES Survey)]. The spur dates from the 1920's, as evidenced by an instrument recorded at

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Phone 770.271.4628 • Fax 770.271.8944
www.rem-con.net

Deed Book 847, Page 556, Fulton County Records, which shows the spur, buildings to the east of the spur, and no buildings on the 78 Milton parcel. Thus, any building on 78 Milton would have been constructed after the spur track and buildings to the east of the spur (whose loading docks utilized it) were in place, and could not have been constructed in the already existing spur line. All other surveys show the building on 78 Milton as located on the east property line, not located in the spur, and all property conveyances are consistent with this. Interestingly, the AECS Survey shows a "concrete block retaining wall" on the property to the east of the spur as being not contiguous to the spur. However, field observation makes it clear that the retaining wall (actually a loading dock) is on the edge of the spur. Thus, the AECS Survey incorrectly shifts the location of the former building on 78 Milton into the railroad spur.

SOIL REMOVAL

REM-CON initiated soil removal activities on March 21, 2006 from these sample locations to address the reported exceedances. The excavation areas are illustrated on Figures 1 and 2. REM-CON subcontracted Life Environmental to screen the soil samples by X-Ray Diffraction (XRF) for nickel, chromium, lead, and arsenic during the removal process to help determine the stopping points for the excavation.

Two sidewall excavations were conducted from March 21 through April 19, 2006 at the former AECS sampling locations USP8W4 and BLDG1W4 and were extended to an area of 15 feet on either side of the two former sampling locations and 6-feet deep for USP8W4 and 24-inches deep for BLDG1W4 as shown on Figures 1, 2, and 3. Confirmatory sidewall soil samples were collected on March 23, April 10, 19, and 21, 2006 following each subsequent excavation in the associated area(s). The soil samples were also submitted to AES for select metal analyses. The confirmatory sampling locations are illustrated on Figures 2 and 3.

Surficial soils were also removed at the three former surface sample locations SD-01, -03, and -05. The surficial excavation ranged from 12 to 20-inches deep. Following the excavation activities in this area, a total of four confirmatory base samples (SD-01-20, SD-03-12, SD-05-12, and SD-05-B) were collected from the completed excavation and were submitted to AES for select metal analyses. The sampling locations are illustrated on Figure 1.

All soils were stockpiled on plastic pending characterization and disposal. A five-point composite soil sample (Stockpile) was collected from the stockpile on March 23, 2006 and was submitted to AES for toxicity characteristic leaching procedure (TCLP) metals and pH analyses. The results of this characterization testing indicated that the soils were RCRA non-hazardous. Stockpiled soils were transported on May 16 and 17, 2006 to the Waste Management's Subtitle D landfill located in Ballground, Georgia under profile number VC4403. A copy of the manifests is included in Attachment A.

ANALYTICAL RESULTS

The soil samples were selectively submitted to Analytical Environmental Services, Inc. (AES) of Atlanta, Georgia for total RCRA metals analysis by SW-846[1] Method 6010/7471, TCLP metals by SW-846 Method 1311/6010/7000 series. AES is an accredited laboratory under the National Environmental Laboratory Accreditation Program (NELAC) (Accreditation ID: E87582). The soil sample results are summarized in Table 2 and are illustrated on Figure 1. A copy of the laboratory analytical reports is provided in Attachment B.

CONCLUSIONS

Based on the soil removal activities and the confirmatory soil sample results discussed in the previous section, the soils previously reported by EPD to be above the associated NCs have been removed and disposed of at an approved subtitle "D" Landfill.

Please contact us at (770) 271-4628 if you have any questions or require additional information.

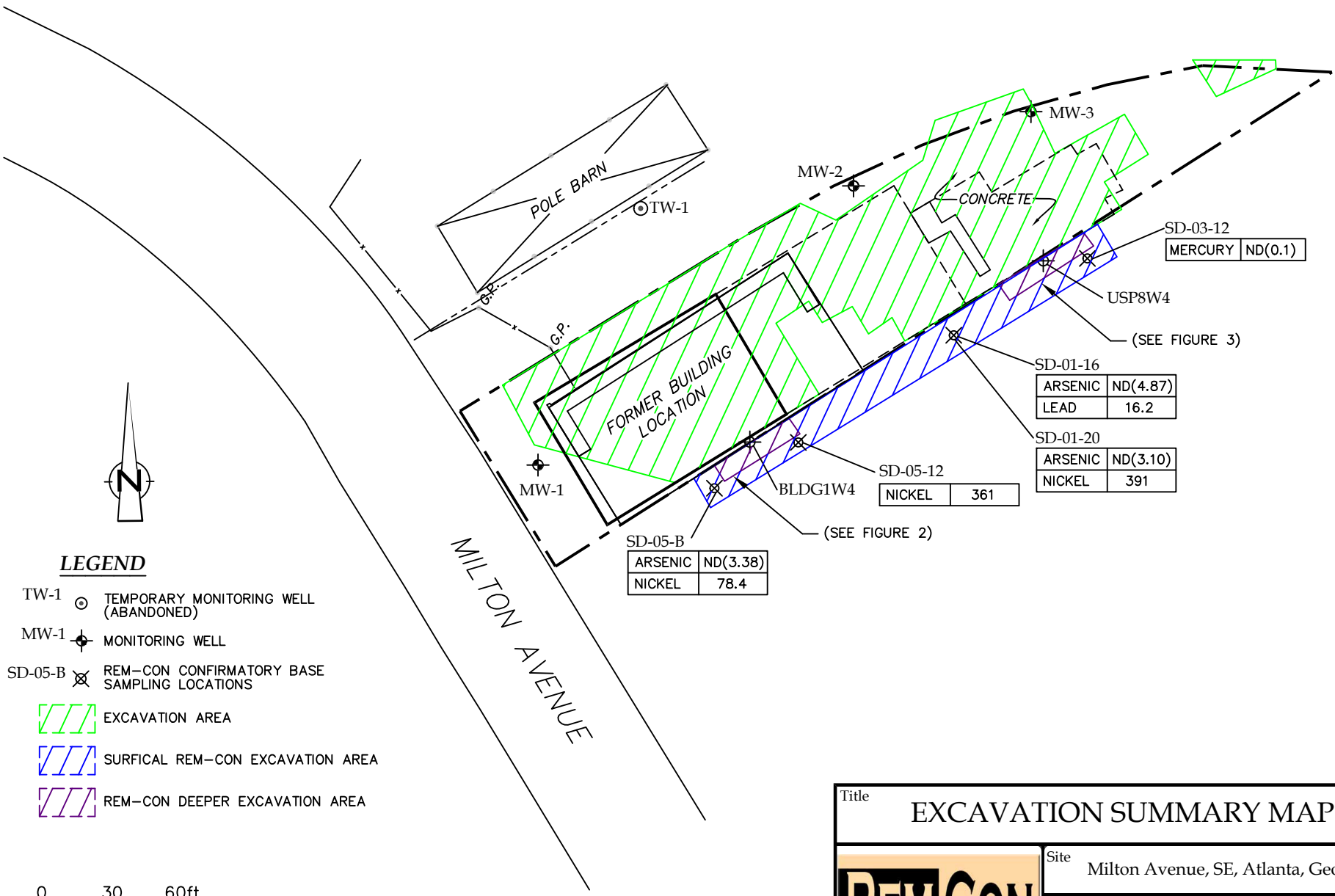
Yours truly,

REM-CON, LLC

Brent Cortelloni, CHMM

Encl.
BC/bc/1

[1] "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846 third edition, November 1986, with its revisions and updates.



Title

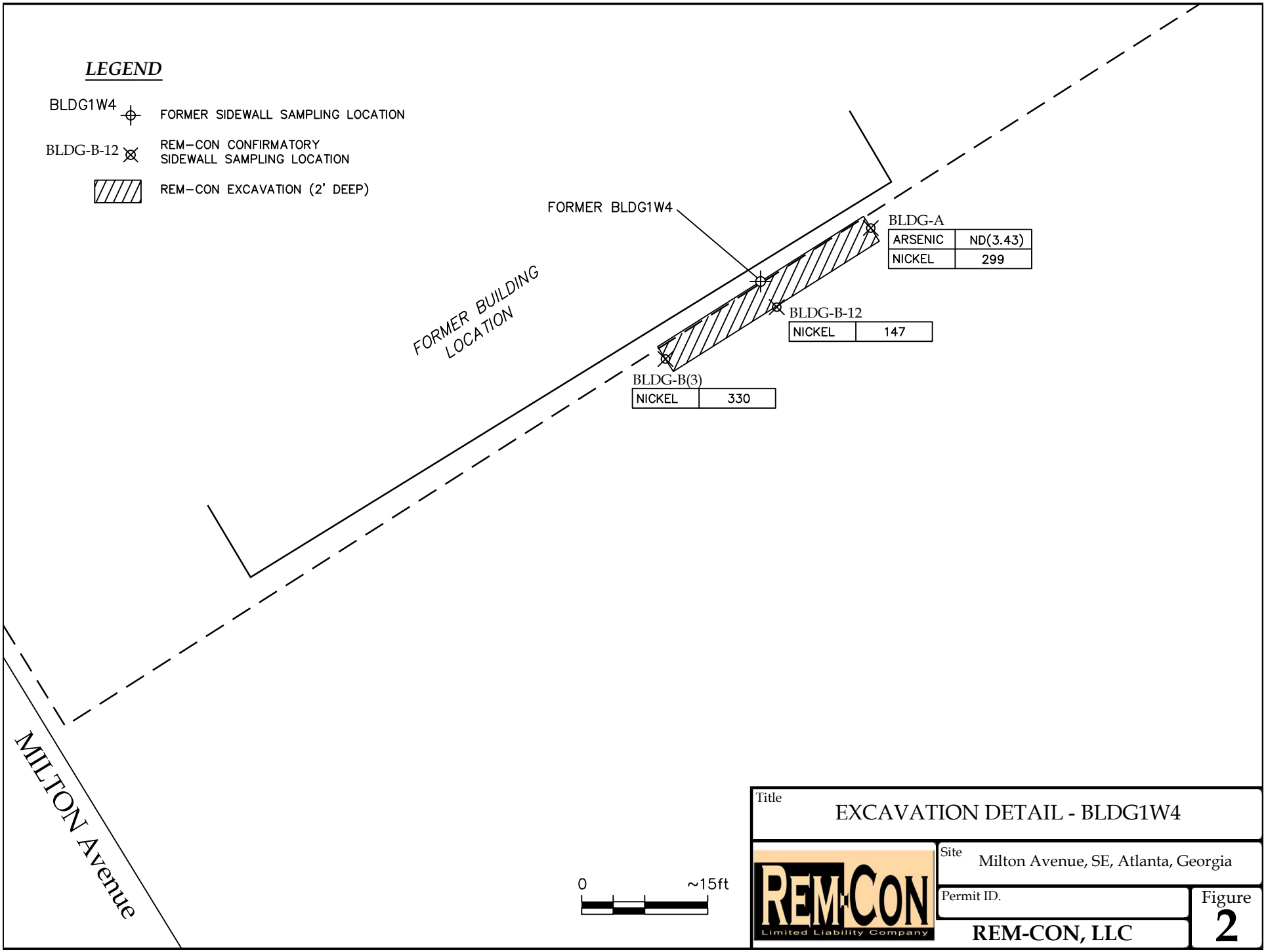
EXCAVATION SUMMARY MAP

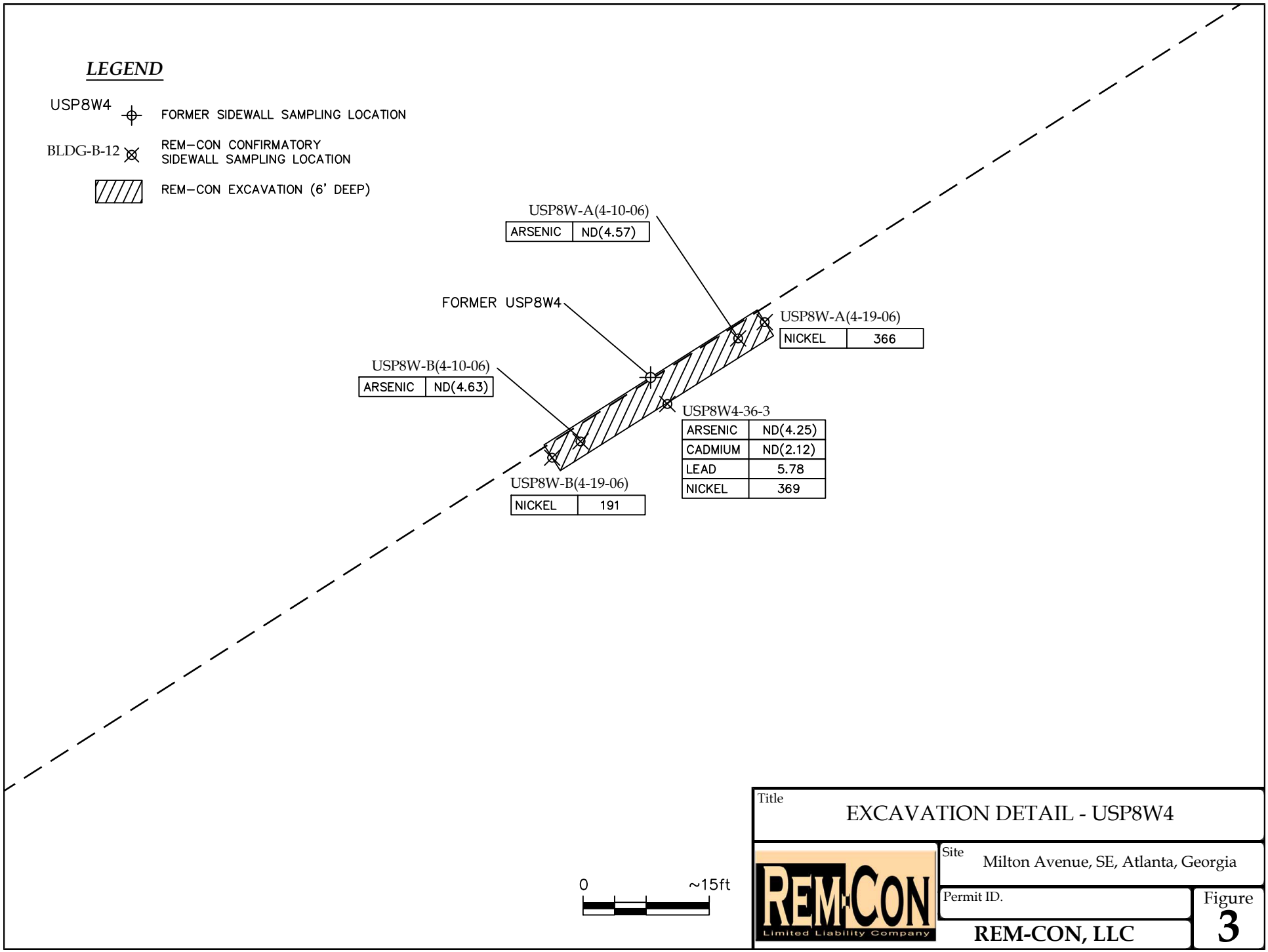
Site: Milton Avenue, SE, Atlanta, Georgia

Permit ID.

REM-CON, LLC

Figure **1**


LEGEND
BLDG1W4
FORMER SIDEWALL SAMPLING LOCATION
BLDG-B-12
REM-CON CONFIRMATORY SIDEWALL SAMPLING LOCATION
REM-CON EXCAVATION (2' DEEP)
FORMER BLDG1W4
BLDG-A
ARSENIC ND(3.43)
NICKEL 299
BLDG-B-12
NICKEL 147
BLDG-B(3)
NICKEL 330
FORMER BUILDING LOCATION
MILTON Avenue
0
~15ft
Title
EXCAVATION DETAIL - BLDG1W4
REM-CON Limited Liability Company
Site
Milton Avenue, SE, Atlanta, Georgia
Permit ID.
REM-CON, LLC
Figure
2



Title

EXCAVATION DETAIL - USP8W4

Site: Milton Avenue, SE, Atlanta, Georgia

Permit ID.

REM-CON, LLC

Figure **3**

TABLE 1

ANALYTICAL SOIL DATA - AECS SAMPLES
MILTON AVENUE
ATLANTA, GEORGIA

Sample Location [1]	*Date Collected*	*Sample Type*	*Depth (inches bgs)* [2]	*Analyte*	*Concentration (mg/kg)* [3]	*Standard* [4] *(mg/kg)*
BLDGW4	8/1/2005	Sidewall	12	Nickel	2170	420/927.4
USP8W4	7/14/2005	Sidewall	36	Arsenic	79.8	41/20
USP8W4	4/10/2006	Sidewall	36	Cadmium	8.6	39/3.01
USP8W4	4/19/2006	Sidewall	36	Lead	346	400/270.06
USP8W4	4/19/2006	Sidewall	36	Nickel	2,910	420/927.4
SD-01	4/21/2006	Surface	N.A.	Lead	286	400/270.06
SD-01	3/23/2006	Surface	N.A.	Arsenic	30.5	41/20
SD-01	3/23/2006	Surface	N.A.	Nickel	9700	420/927.4
SD-03	3/23/2006	Surface	N.A.	Mercury	0.548	17/0.5
SD-05	3/23/2006	Surface	N.A.	Nickel	1,670	420/927.4

Notes:
1) Sample locations highlighted in red are the final sampling points for the associated excavation
2) bgs - below ground surface
3) mg/kg - milligrams per kilogram
4) HSRA Notification Concentrations and the Type 2 RRS as calculated by EPD

TABLE 2

ANALYTICAL SOIL DATA - CONFIRMATORY SAMPLES
MILTON AVENUE
ATLANTA, GEORGIA

Sample Location [1]	*Date Collected*	*Sample Type*	*Depth (inches bgs)* [2]	*Analyte*	*Concentration (mg/kg)* [3]	*Standard* [4] *(mg/kg)*
BLDG-B-12	3/23/2006	Sidewall	12	Nickel	147	420/927.4
BLDG-SW-B-3	3/23/2006	Sidewall	12	Nickel	**558**	420/927.4
BLDG-A	4/10/2006	Sidewall	12	Nickel	299	420/927.4
	4/10/2006	Sidewall	12	Arsenic	BRL (3.43)	41/20
BLDG-B	4/10/2006	Sidewall	12	Nickel	**490**	420/927.4
	4/10/2006	Sidewall	12	Arsenic	BRL (3.65)	41/20
BLDG-B	4/19/2006	Sidewall	12	Nickel	**489**	420/927.4
BLDG-B(2)	4/19/2006	Sidewall	12	Nickel	**652**	420/927.4
BLDG-B-3	4/21/2006	Sidewall	12	Nickel	330	420/927.4
USP8W4-36-3	3/23/2006	Sidewall	36	Arsenic	BRL (4.25)	41/20
	3/23/2006	Sidewall	36	Cadmium	BRL (2.12)	39/3.01
	3/23/2006	Sidewall	36	Lead	6	400/270.06
	3/23/2006	Sidewall	36	Nickel	369	420/927.4
USP8W-A	4/10/2006	Sidewall	36	Nickel	**461**	420/927.4
	4/10/2006	Sidewall	36	Arsenic	BRL (4.57)	41/20
USP8W-B	4/10/2006	Sidewall	36	Nickel	**446**	420/927.4
	4/10/2006	Sidewall	36	Arsenic	BRL (4.57)	41/20
USP8W-A	4/19/2006	Sidewall	36	Nickel	366	420/927.4
USP8W-B	4/19/2006	Sidewall	36	Nickel	191	420/927.4
SD-05-12	3/23/2006	Base	12	Nickel	361	420/927.4
SD-05-B	4/10/2006	Base	12	Nickel	78.4	420/927.4
	4/10/2006	Base	12	Arsenic	BRL (3.38)	41/20
SD-03-12	3/23/2006	Base	12	Mercury	BRL (0.100)	17/0.5
SD-01-16	3/23/2006	Base	16	Nickel	**490**	420/927.4
	3/23/2006	Base	16	Arsenic	BRL (4.87)	41/20
	3/23/2006	Base	16	Lead	16	400/270.06
SD-01-20	4/10/2006	Base	20	Nickel	391	420/927.4
	4/10/2006	Base	20	Arsenic	BRL (3.10)	41/20
Stockpile	3/23/2006	Composite	N.A.	TCLP Arsenic	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Barium	1.13 mg/L	N.A.
	3/23/2006	Composite	N.A.	TCLP Cadmium	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Chromium	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Lead	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Selenium	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Silver	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Mercury	BRL	N.A.
	3/23/2006	Composite	N.A.	pH	6.54 S. U.	N.A.

Notes:
1) Sample locations highlighted in red are the final sampling points for the associated excavation
2) bgs - below ground surface
3) mg/kg - milligrams per kilogram
4) HSRA Notification Concentrations and the Type 2 RRS as calculated by EPD

ATTACHMENT A

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10021 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number WMNA 10279977

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BOLLINGBROOK, GA 30167

10. US EPA ID Number | G. State Facility's ID | H. Facility's Phone 770-479-8936

	11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
GENERATOR a.	NICKEL IMPACTED SOILS WM Profile # UC4403			15.62	T	NH60
b.	WM Profile #					
c.	WM Profile #					
d.	WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ____ Solidification ____
Bio Remediation ____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT: [illegible] 770 471 4620

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month 10 Day 16 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name [illegible] | Signature | Month 10 Day 16 Year 06

CWM - NHM -1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10002 | 2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC, 78 MILTON AVE, ATLANTA, GA

A. Manifest Number: WMNA 10279978

4. Generator's Phone: 404 827-2440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL, 13809 EAST CHEROKEE DR., BALLGROUND, GA 30107 | 10. US EPA ID Number: 0 2 8 0 3 9 0 - (S L) | G. State Facility's ID | H. Facility's Phone: 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # UC4403			15.71	T	NHOO
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT: VINCENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name: 78 Milton, LLC | Signature "On behalf of" | Month Day Year: 05 16 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name: [illegible] | Signature | Month Day Year

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10279979 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number WMNA 10279979

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number | F. Transporter's Phone | G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15.92	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ____ Solidification ____
Bio Remediation ____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
LB-95
Purchase Order #
EMERGENCY CONTACT BRENT COKELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton LLC | Signature "On behalf of" | Month Day Year 05/16/06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name DAN WORTHEY | Signature | Month Day Year 05/16/06

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name | Signature | Month Day Year 05/19/06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10087 | 2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC, 78 MILTON AVE, ATLANTA, GA

A. Manifest Number: WMNA 1027980

4. Generator's Phone: 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL, 13809 EAST CHEROKEE DR., BALLGROUND, GA 30107 | 10. US EPA ID Number: GAD 028039 | G. State Facility's ID | H. Facility's Phone: 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15.79	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ _____ Solidification _____ _____

Bio Remediation _____ _____

K. Disposal Location: Cell Level Grid

15. Special Handling Instructions and Additional Information: 2292

Purchase Order #

EMERGENCY CONTACT BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name: 78 Milton, LLC | Signature "On behalf of" | Month Day Year: 05 16 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Gary Davis | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name: S. Kuskonko | Signature | Month Day Year: 05 17 06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 0 0 0 2 5 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE.
ATLANTA, GA

A. Manifest Number **WMNA 10279981**

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name — | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 E 8 0 3 9 D - (S L)

G. State Facility's ID

H. Facility's Phone 770-479-8936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15,68	T	NM09
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill
Solidification
Bio Remediation

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
Purchase Order #
EMERGENCY CONTACT: KENT CORTELLINI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month Day Year 05/16/06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name | Signature | Month Day Year

OWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No.: Manifest Document No. 10006
2. Page 1 of 1

A. Manifest Number: WMNA 10279982

3. Generator's Name and Mailing Address: 78 MILTON, LLC, 78 MILTON AVE, ATLANTA, GA
4. Generator's Phone: 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name
6. US EPA ID Number

C. State Transporter's ID
D. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL, 13809 EAST CHEROKEE DR., BALLGROUND, GA 30107
10. US EPA ID Number: 028039D-(SL)

G. State Facility's ID
H. Facility's Phone: 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4493			16.54	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ____ Solidification ____ Bio Remediation ____

K. Disposal Location

Cell Level Grid

15. Special Handling Instructions and Additional Information

Purchase Order # LB-95

EMERGENCY CONTACT: BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name: 78 Milton, LLC — Signature "On behalf of" — Month Day Year: 05/16/06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ron [illegible] — Signature — Month Day Year: 05/16/06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name: [illegible] — Signature — Month Day Year: 05/16/06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number **WMNA 10279983**

4. Generator's Phone 404 627-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13989 EAST CHEROKEE DR.
DALLGROUND, GA 30107

10. US EPA ID Number
9 2 8 0 3 9 0 - 1 6 L

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4483			16.12	T	NHW
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

GENERATOR

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Rio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT: BRENT CORTELLONI 770-271-4620

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name | Signature "On behalf of" | Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest

Printed/Typed Name | Signature | Month Day Year

CWM - NHM - 1 - 8/97

#3 - TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WM MANAGEMENT

Type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC, 78 MILTON AVE, ATLANTA, GA

A. Manifest Number: WMNA 10279984

B. State Generator's ID

4. Generator's Phone: 404 827-1440

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL, 13809 EAST CHEROKEE DR., RALLGROUND, GA 30107 | 10. US EPA ID Number: 0 2 8 0 3 9 D - (S L)

G. State Facility's ID

H. Facility's Phone: 770-479-2936

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15.89	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT: BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name: 78 MILTON, LLC | Signature "On behalf of" | Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name | Signature | Month Day Year

CWM - NHM - 1 - 5/97

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10279

2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE.
ATLANTA, GA

A. Manifest Number WMNA 10279998

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number

D. Transporter's Phone

E. State Transporter's ID

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 D - (S L)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15.01	T	NRRO
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ____ Solidification ____

Bio Remediation ____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT CORTELLINI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, L.L.C. | Signature "On behalf of" | Month Day Year 05 17 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year 05 17 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name | Signature | Month Day Year

OWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC, 78 MILTON AVE, ATLANTA, GA

A. Manifest Number: WMNA 10279997

4. Generator's Phone: 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL, 13699 EAST CHEROKEE DR., BALLGROUND, GA 30107 | 10. US EPA ID Number: G A D 0 8 3 9 0 1 [S L] | G. State Facility's ID | H. Facility's Phone: 770-479-2936

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4493			17.63	T	NVSD
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ____ Solidification ____

Bio Remediation ____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT: BRENT CORTELLINI 770-271-4622

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name: 78 Milton LLC | Signature "On behalf of" | Month Day Year: 05 17 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name: Gallier | Signature | Month Day Year: 05 17 06

WM - NHM - 1 - 5/97

#4 - GENERATOR #2 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

4. Generator's Phone 404 827-1440

A. Manifest Number WMNA 10279996

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 0 - (S L)

F. Transporter's Phone | G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # UC4403			15.11	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ____ Solidification ____
Bio Remediation ____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
Purchase Order #
EMERGENCY CONTACT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month Day Year 5 17 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name LINDSEY THOMPSON | Signature | Month Day Year 5 17 06

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name | Signature | Month Day Year 5 17 06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

TE MANAGEMENT

Print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 8018 2

2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number WMNA 10279995

B. State Generator's ID

4. Generator's Phone 404 827-1440

5. Transporter 1 Company Name Lewis | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name Onsun | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13909 EAST CHEROKEE DR.
BALLGROUND, GA 30107 | 10. US EPA ID Number 0 2 8 0 3 9 D - (9 L) | G. State Facility's ID | H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4483			15.64	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

GENERATOR

J. Additional Descriptions for Materials Listed Above
Landfill ____ Solidification ____
Bio Remediation ____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
Purchase Order # TR # ST-35 EMERGENCY CONTACT BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name	Signature "On behalf of"	Month	Day	Year
78 Milton, LLC		05	17	06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Johnny Paige		05	17	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
S Yakushenko		05	17	06

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 6011 2

2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number **WMNA 10279994**

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13909 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 D - (S L)

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			14.01	T	#400
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ____ Solidification ____

Bio Remediation ____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT BRENT CORTELLINI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 MILTON, LLC | Signature "On behalf of" | Month Day Year 05 17 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name Woody English | Signature | Month Day Year 5 17 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name S. Jackson | Signature | Month Day Year 05 17 06

M - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

(Designed for use on elite (12-pitch) typewriter.)

RDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 0 0 0 7 4

2. Page 1 of 1

A. Manifest Number WMNA 10279993

me and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

B. State Generator's ID

lor's Phone 404 327-1440

Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13009 EAST CHEROKEE DR.
KALLGROUND, GA 30187

10. US EPA ID Number 0 2 3 0 3 3 0 - 1 6 1 1

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # UC4403			15.67	T	MPD
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

E-34

Purchase Order # EMERGENCY CONTACT: [illegible] 770-771-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name | Signature "On behalf of" | Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name [illegible] | Signature | Month Day Year

CWM - NHM - 1 - 5/97

ATTACHMENT B

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 29, 2006

Brent Cortelloni
Rem-Con, LLC
5262 Belle Wood Court
Suite A
Buford, GA 30518
TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton

Order No.: 0603E04

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 12 samples on 3/24/2006 9:55:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. Sample results are not dry weight corrected, unless if Pmoist analysis are requested on the chain of custody or other project specific arrangements have been made.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/06-06/30/07.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 19 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager
Revision: Project name changed at client's request.

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3785 Presidential Pkwy., Atlanta, GA 30340-0370
TEL: (770) 457-8177 / TOLL FREE: (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0603E04

Date: _____ Page 1 of 1

COMPANY: REM-CON
~~EMA~~ / BL

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B Castellon

SIGNATURE: B. Castellon

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)
	BLDG-B-12	3-23-06	10:00	X		Soil
	USP5W3H6-16					
	USP3H1-16					
	SD-05-12					
	USP8W4-36-3					
	SD-03-12					
	SD-01-16					
	USP3H1-C					
	USP3H1-B					
	BLDG-SW-B-3					
	USP5W3H6-A					
	USP5W3H6-B	4	12:30			

ANALYSIS REQUESTED

PRESERVATION

#	Nickel	Arsenic	Cadmium	Lead	Chromium	Mercury									REMARKS	No. of Containers
	X				X											
					X											
				X		X										
	X															
	X	X	X	X												
	X					X										
	X	X		X												
				X		X										
				X		X										
	X															
					X											
				X												

RELINQUISHED BY / DATE/TIME
1: 3/24/06 9:55
2:
3:

RECEIVED BY / DATE/TIME
1: 3/24/06 9:55
2:
3:

PROJECT INFORMATION
PROJECT NAME: 80 Milton
PROJECT #: RC-123
FAC ID#:
SITE ADDRESS:
PROJECT MANAGER: B. Castellon
INVOICE TO:
(IF DIFFERENT FROM ABOVE)

RECEIPT
Total # of Containers

Turnaround Time Request
- X Standard 3-5 Business Days
- O Same Day Rush (auth req.)
- O Next Business Day Rush
- O 2 Business Day Rush
- O Other _____

PROGRAM (see codes): _____

DATA PACKAGE: I II (III) IV

SPECIAL INSTRUCTIONS/COMMENTS:

PO#:

QUOTE/CONTRACT #:

SHIPMENT METHOD
OUT / /
IN / /
VIA:
(CLIENT) FedEx UPS MAIL COURIER GREYHOUND OTHER _____

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify) NA = None

PROGRAM: FLUST FLDC ALUST TNUST MSUST NCUST SCUST GAUST GACONV FLCONV

White Copy - ORIGINAL; Yellow Copy - LAB; Pink Copy - CLIENT

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Rim-CON /BC Work Order Number C0603504

Checklist completed by Marcus Pham 3-24-4
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 2.6°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\Checklist.rtf

Analytical Environmental Services, Inc. **Date:** *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab Order: 0603E04

CASE NARRATIVE

Metals Analysis by Method 6010B:

Matrix spike and matrix spike duplicate recoveries for Pb, Ni on sample 0603D73-001B were outside control limits. LCS recovery was within control limits indicating possible matrix interference.

Matrix spike duplicate recovery for Cr on sample 0603D73-001B was outside control limits due to insignificant spike amount as compared to sample concentration. LCS recovery was within control limits.

Cr value for the QC sample 0603D73-001B is "E" qualified indicating an estimated value over linear calibration range due to the level of target analyte present in the unspiked sample.

Change project name to "Milton" per Brent Cortelloni on 9/28/2006.

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	BLDG-B-12
Project:	Milton	**Collection Date:**	3/23/2006 10:00:00 AM
Lab ID:	0603E04-001	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Nickel	147	4.93		mg/Kg	68960	1	3/28/2006 1:19 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	SD-05-12
Project:	Milton	**Collection Date:**	3/23/2006 10:00:00 AM
Lab ID:	0603E04-004	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Nickel	361	4.61		mg/Kg	68960	1	3/28/2006 1:37 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab ID: 0603E04-005

Client Sample ID: USP8W4-36-3
Collection Date: 3/23/2006 10:00:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**		**(SW3050B)**			Analyst: **BB**
Arsenic	BRL	4.25		mg/Kg	68960	1	3/28/2006 1:41 PM
Cadmium	BRL	2.12		mg/Kg	68960	1	3/28/2006 1:41 PM
Lead	5.78	4.25		mg/Kg	68960	1	3/28/2006 1:41 PM
Nickel	369	4.25		mg/Kg	68960	1	3/28/2006 1:41 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	SD-03-12
Project:	Milton	**Collection Date:**	3/23/2006 10:00:00 AM
Lab ID:	0603E04-006	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: VA
Mercury	BRL	0.100		mg/Kg	69043	1	3/29/2006 11:58 AM

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab ID: 0603E04-007

Client Sample ID: SD-01-16
Collection Date: 3/23/2006 10:00:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	4.87		mg/Kg	68960	1	3/28/2006 1:49 PM
Lead	16.2	4.87		mg/Kg	68960	1	3/28/2006 1:49 PM
Nickel	490	4.87		mg/Kg	68960	1	3/28/2006 1:49 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
BRL	Below Reporting Limit
H	Holding times for preparation or analysis exceeded
N	Analyte not NELAC certified
B	Analyte detected in the associated Method Blank
E	Estimated (Value above quantitation range)
S	Surrogate Recovery outside accepted recovery limits
Narr	See Case Narrative
NC	Not Confirmed

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	BLDG-SW-B-3
Project:	Milton	**Collection Date:**	3/23/2006 10:00:00 AM
Lab ID:	0603E04-010	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Nickel	558	4.54		mg/Kg	68960	1	3/28/2006 2:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
BRL	Below Reporting Limit
H	Holding times for preparation or analysis exceeded
N	Analyte not NELAC certified
B	Analyte detected in the associated Method Blank
E	Estimated (Value above quantitation range)
S	Surrogate Recovery outside accepted recovery limits
Narr	See Case Narrative
NC	Not Confirmed

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Work Order: 0603E04
Project: Milton

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: MB-68960	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/28/2006	SeqNo: 1607547

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Nickel	BRL	5.00									

Sample ID: LCS-68960	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/28/2006	SeqNo: 1607546

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.6	5.00	50	0	97.2	80	120	0	0		
Cadmium	48.25	2.50	50	0	96.5	80	120	0	0		
Chromium	54.15	2.50	50	0.8281	107	80	120	0	0		
Lead	48.75	5.00	50	0.06369	97.4	80	120	0	0		
Nickel	48.79	5.00	50	0	97.6	80	120	0	0		

Sample ID: 0603D73-001BMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/29/2006	SeqNo: 1609231

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	45.78	4.73	47.26	4.286	87.8	75	125	0	0		
Cadmium	38.04	2.36	47.26	0	80.5	75	125	0	0		
Chromium	4027	2.36	47.26	3990	79.9	75	125	0	0		E
Lead	35.49	4.73	47.26	3.49	67.7	75	125	0	0		S
Nickel	51.77	4.73	47.26	17.94	71.6	75	125	0	0		S

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E04
Project: Milton

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: 0603D73-001BMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/29/2006	SeqNo: 1609232

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	46.35	4.76	47.59	4.286	88.4	75	125	45.78	1.25	20	
Cadmium	38.81	2.38	47.59	0	81.6	75	125	38.04	2.00	20	
Chromium	3987	2.38	47.59	3990	-5.46	75	125	4027	1.01	20	SE
Lead	36.12	4.76	47.59	3.49	68.6	75	125	35.49	1.75	20	S
Nickel	51.99	4.76	47.59	17.94	71.5	75	125	51.77	0.431	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E04
Project: Milton

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471A_S

Sample ID: MB-69043	SampType: MBLK	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID:	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1608995

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.100									

Sample ID: LCS-69043	SampType: LCS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID:	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1608999

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3427	0.100	0.4	0	85.7	80	120	0	0		

Sample ID: 0603E04-003AMS	SampType: MS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID: USP3H1-16	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1609007

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.385	0.0982	0.3929	0.01737	93.6	70	130	0	0		

Sample ID: 0603E04-003AMSD	SampType: MSD	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID: USP3H1-16	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1609008

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3874	0.0990	0.396	0.01737	93.4	70	130	0.385	0.631	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 29, 2006

Brent Cortelloni
Rem-Con, LLC
5262 Belle Wood Court
Suite A
Buford, GA 30518
TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton

Order No.: 0604477

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 7 samples on 4/10/2006 3:30:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. Sample results are not dry weight corrected, unless if Pmoist analysis are requested on the chain of custody or other project specific arrangements have been made.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/06-06/30/07.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 11 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager
Revision: Project name changed at client's request.

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0604477

Date: _____ Page _____ of _____

COMPANY: REM-CON INC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Mortellaro

SIGNATURE:

ANALYSIS REQUESTED

Total Nickel

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	USPSW - Base	4/10/06	11:50	X	X	S	X	3 Day T/A	
2	A	↓	↓	↓	↓	↓	↓		
3	B								
4	SD-01-20								
5	BLDG-A								
6	SD-05-B								
7	BLDG-B	↓	2:00		↓	↓	↓		
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1	4/10/06 / 3:30	1	4/10/06 / 3:32
2		2	
3		3	

PROJECT INFORMATION

PROJECT NAME: 78 Milton

PROJECT #: RC-123

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO (IF DIFFERENT FROM ABOVE):

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers:

Turnaround Time Request

- ○ Standard 5 Business Days
- ⊗ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N Fax? Y / N

DATA PACKAGE I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA

IN / / VIA

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER _____

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Rem-Con IBC Work Order Number 0604477

Checklist completed by [signature] 4/10/06
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? ~~(4°C±2)*~~ 4/10/06 Yes ✓ No __

Cooler #1 Ambient * Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\Checklist.rtf

Analytical Environmental Services, Inc. **Date:** *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab Order: 0604477

CASE NARRATIVE

Per Brent Cortelloni 4/10/06, all samples should be analyzed for As and Ni. Sample -001 should be placed on hold until further notice. All samples require 3 day TAT.

Project name changed to "Milton" per Brent Cortelloni on 9/28/2006.

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab ID: 0604477-002

Client Sample ID: USP8W-A
Collection Date: 4/10/2006
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL			**SW6010B**		**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	4.57		mg/Kg	69595	1	4/12/2006 4:13 PM
Nickel	461	4.57		mg/Kg	69595	1	4/12/2006 4:13 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	USP8W-B
Project:	Milton	**Collection Date:**	4/10/2006
Lab ID:	0604477-003	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL			**SW6010B**		**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	4.63		mg/Kg	69595	1	4/12/2006 4:17 PM
Nickel	446	4.63		mg/Kg	69595	1	4/12/2006 4:17 PM

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab ID: 0604477-004

Client Sample ID: SD-01-20
Collection Date: 4/10/2006
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	3.10		mg/Kg	69595	1	4/12/2006 4:21 PM
Nickel	391	3.10		mg/Kg	69595	1	4/12/2006 4:21 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab ID: 0604477-005

Client Sample ID: BLDG-A
Collection Date: 4/10/2006
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	3.43		mg/Kg	69595	1	4/12/2006 4:24 PM
Nickel	299	3.43		mg/Kg	69595	1	4/12/2006 4:24 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab ID: 0604477-006

Client Sample ID: SD-05-B
Collection Date: 4/10/2006
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	3.38		mg/Kg	69595	1	4/12/2006 4:28 PM
Nickel	78.4	3.38		mg/Kg	69595	1	4/12/2006 4:28 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab ID: 0604477-007

Client Sample ID: BLDG-B
Collection Date: 4/10/2006 2:00:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	3.65		mg/Kg	69595	1	4/12/2006 4:31 PM
Nickel	490	3.65		mg/Kg	69595	1	4/12/2006 4:31 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Work Order: 0604477
Project: Milton

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: MB-69595	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/12/2006	RunNo: 82082
Client ID:	Batch ID: 69595	TestNo: SW6010B		Analysis Date: 4/12/2006	SeqNo: 1625248

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	5.00									
Nickel	BRL	5.00									

Sample ID: LCS-69595	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/12/2006	RunNo: 82082
Client ID:	Batch ID: 69595	TestNo: SW6010B		Analysis Date: 4/12/2006	SeqNo: 1625245

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	50.64	5.00	50	0	101	80	120	0	0		
Nickel	49.56	5.00	50	0	99.1	80	120	0	0		

Sample ID: 0604572-009BMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/12/2006	RunNo: 82082
Client ID:	Batch ID: 69595	TestNo: SW6010B		Analysis Date: 4/12/2006	SeqNo: 1625254

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	33.73	3.54	35.39	0	95.3	75	125	0	0		
Nickel	35.19	3.54	35.39	0.5814	97.8	75	125	0	0		

Sample ID: 0604572-009BMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/12/2006	RunNo: 82082
Client ID:	Batch ID: 69595	TestNo: SW6010B		Analysis Date: 4/12/2006	SeqNo: 1625256

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	33.45	3.51	35.12	0	95.2	75	125	33.73	0.808	20	
Nickel	34.94	3.51	35.12	0.5814	97.8	75	125	35.19	0.711	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 29, 2006

Brent Cortelloni
Rem-Con, LLC
5262 Belle Wood Court
Suite A
Buford, GA 30518
TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton

Order No.: 0604B61

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 2 samples on 4/21/2006 3:30:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. Sample results are not dry weight corrected, unless if Pmoist analysis are requested on the chain of custody or other project specific arrangements have been made. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/06-06/30/07.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 6 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager
Revision: Project name changed at client's request.

Analytical Environmental Services, Inc. **Date:** *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab Order: 0604B61

CASE NARRATIVE

Per Brent Cortelloni 4/24/06 8:25, results are needed 4/24/06 instead of 4/25/06 as previously requested.

Project name changed to "Milton" per Brent Cortelloni on 9/28/2006.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Rem-con /OC Work Order Number 0604976

Checklist completed by [signature] 4-19-6
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other ______

Shipping container/cooler in good condition?	Yes ~~X~~	No __	Not Present ✓
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 Ambient Cooler #2 ______ Cooler #3 ______ Cooler #4 ______ Cooler#5 ______ Cooler #6 ______

Chain of custody present?	Yes ✓	No __	
Chain of custody signed when relinquished and received?	Yes ✓	No __	
Chain of custody agrees with sample labels?	Yes ✓	No __	
Samples in proper container/bottle?	Yes ✓	No __	
Sample containers intact?	Yes ✓	No __	
Sufficient sample volume for indicated test?	Yes ✓	No __	
All samples received within holding time?	Yes ✓	No __	
Was TAT marked on the COC?	Yes ✓	No __	
Proceed with Standard TAT as per project history?	Yes ~~X~~	No __	Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __	No __
Water - pH acceptable upon receipt?	Yes __	No __	Not Applicable ✓

Adjusted? ______ Checked by ______

Sample Condition: Good ✓ Other(Explain) ______

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\Checklist.rtf

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

AES

CHAIN OF CUSTODY

Work Order: 0604976

Date: _____ Page _____ of _____

COMPANY: REM-TEK/EC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Mostellar

SIGNATURE: B. [signature]

ANALYSIS REQUESTED: Metal

PRESERVATION (See codes): N

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	REMARKS	No # of Containers
1	USPSW - A	4-19-06	10:00	X				
2	↓ B		10:15					
3	BLDG - B		10:30					
4	USPSW - A (2)		10:05				Hold	
5	↓ B (2)		10:20					
6	BLDG - B (2)	↓	10:35	↓				
7							24-hr TAT	
8								
9								
10								
11								
12								
13								
14								

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	4-19-06	1: [signature]	4/19/06 11:30
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER _____

PROJECT INFORMATION

PROJECT NAME: 80 Milton Ave

PROJECT #: RC-123

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers

Turnaround Time Request

- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ⊗ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N: Fax? Y / N:

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc. **Date:** *10-Oct-06*

CLIENT: Rem-Con, LLC
Project: Milton Ave
Lab Order: 0604976

CASE NARRATIVE

Per Brent Cortelloni 4/20/06 12:10, sample BLDG-B(2) requires Nickel analysis as next day rush.

Project name changed to "Milton Ave" per Brent Cortelloni on 10/10/2006.

Analytical Environmental Services, Inc.

Date: *10-Oct-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	USP8W-A
Project:	Milton Ave	**Collection Date:**	4/19/2006 10:00:00 AM
Lab ID:	0604976-001	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Nickel	366	4.02		mg/Kg	69881	1	4/19/2006 3:45 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *10-Oct-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	USP8W-B
Project:	Milton Ave	**Collection Date:**	4/19/2006 10:15:00 AM
Lab ID:	0604976-002	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL			**SW6010B**		**(SW3050B)**		Analyst: **BB**
Nickel	191	3.31		mg/Kg	69881	1	4/19/2006 3:49 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *10-Oct-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	BLDG-B
Project:	Milton Ave	**Collection Date:**	4/19/2006 10:30:00 AM
Lab ID:	0604976-003	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Nickel	489	3.24		mg/Kg	69881	1	4/19/2006 3:53 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *10-Oct-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	BLDG-B(2)
Project:	Milton Ave	**Collection Date:**	4/19/2006 10:35:00 AM
Lab ID:	0604976-006	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Nickel	652	3.39		mg/Kg	69914	1	4/20/2006 4:14 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

CLIENT: Rem-Con, LLC
Work Order: 0604976
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: MB-69881	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/19/2006	RunNo: 82478
Client ID:	Batch ID: 69881	TestNo: SW6010B		Analysis Date: 4/19/2006	SeqNo: 1633638

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	BRL	5.00									

Sample ID: MB-69914	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/20/2006	RunNo: 82537
Client ID:	Batch ID: 69914	TestNo: SW6010B		Analysis Date: 4/20/2006	SeqNo: 1634769

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	BRL	5.00									

Sample ID: LCS-69881	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/19/2006	RunNo: 82478
Client ID:	Batch ID: 69881	TestNo: SW6010B		Analysis Date: 4/19/2006	SeqNo: 1633637

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	48.42	5.00	50	0	96.8	80	120	0	0		

Sample ID: LCS-69914	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/20/2006	RunNo: 82537
Client ID:	Batch ID: 69914	TestNo: SW6010B		Analysis Date: 4/20/2006	SeqNo: 1634767

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	47.34	5.00	50	0	94.7	80	120	0	0		

Sample ID: 0604959-001BMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/19/2006	RunNo: 82478
Client ID:	Batch ID: 69881	TestNo: SW6010B		Analysis Date: 4/19/2006	SeqNo: 1633640

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	41.47	4.60	45.96	1.338	87.3	75	125	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0604976
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: 0604A04-001BMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/20/2006	RunNo: 82537
Client ID:	Batch ID: 69914	TestNo: SW6010B		Analysis Date: 4/20/2006	SeqNo: 1634777

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	42.87	4.19	41.91	4.24	92.2	75	125	0	0		

Sample ID: 0604959-001BMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/19/2006	RunNo: 82478
Client ID:	Batch ID: 69881	TestNo: SW6010B		Analysis Date: 4/19/2006	SeqNo: 1633641

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	41.33	4.57	45.71	1.338	87.5	75	125	41.47	0.347	20	

Sample ID: 0604A04-001BMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 4/20/2006	RunNo: 82537
Client ID:	Batch ID: 69914	TestNo: SW6010B		Analysis Date: 4/20/2006	SeqNo: 1634778

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	45.08	4.34	43.36	4.24	94.2	75	125	42.87	5.04	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 29, 2006

Brent Cortelloni
Rem-Con, LLC
5262 Belle Wood Court
Suite A
Buford, GA 30518
TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton Ave

Order No.: 0603E60

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 1 sample on 3/27/2006 11:20:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. Sample results are not dry weight corrected, unless if Pmoist analysis are requested on the chain of custody or other project specific arrangements have been made.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/06-06/30/07.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 9 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager
Revision: Project name changed at client's request.

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0603E60

Date: _____ Page _____ of _____

COMPANY: REM-CON/BC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Costellani

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	TCLP metals	pH	No # of Containers
1	Stockpile	3-27-06	10:30		X		X	X	
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

ANALYSIS REQUESTED

PRESERVATION (See codes)

REMARKS

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	3-27-06	1:	3/27/06 15:20
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: 90 Milton Ave

PROJECT #: RC-423

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER GREYHOUND OTHER _____

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client REM-CON / DC Work Order Number 0603E60

Checklist completed by Marcus D Robinson 3-27-6
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 3.6°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes ✓	No __
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes __	No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\Checklist.rtf

Analytical Environmental Services, Inc. **Date:** *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton Ave
Lab Order: 0603E60

CASE NARRATIVE

Per Brent Cortelloni, analyze TCLP for RCRA metals. 3/28/2006

Change project name to "Milton Ave" per Brent Cortelloni on 9/28/2006.

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton Ave
Lab ID: 0603E60-001

Client Sample ID: Stockpile
Collection Date: 3/23/2006 12:30:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP		**SW1311/7470A**		**(SW7470A)**			Analyst: **AO**
Mercury	BRL	0.00400		mg/L	69144	1	3/31/2006 2:36 PM
ICP METALS, TCLP		**SW1311/6010B**		**(SW3010A)**			Analyst: **VA**
Arsenic	BRL	0.250		mg/L	69077	1	3/30/2006 12:33 PM
Barium	1.13	0.500		mg/L	69077	1	3/30/2006 12:33 PM
Cadmium	BRL	0.0250		mg/L	69077	1	3/30/2006 12:33 PM
Chromium	BRL	0.0500		mg/L	69077	1	3/30/2006 12:33 PM
Lead	BRL	0.0500		mg/L	69077	1	3/30/2006 12:33 PM
Selenium	BRL	0.100		mg/L	69077	1	3/30/2006 12:33 PM
Silver	BRL	0.0250		mg/L	69077	1	3/30/2006 12:33 PM
LABORATORY PH		**SW9045C**		**(SW9045C)**			Analyst: **EK**
pH	06.54	0.01		pH Units	69025	1	3/28/2006 5:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
BRL	Below Reporting Limit
H	Holding times for preparation or analysis exceeded
N	Analyte not NELAC certified
B	Analyte detected in the associated Method Blank
E	Estimated (Value above quantitation range)
S	Surrogate Recovery outside accepted recovery limits
Narr	See Case Narrative
NC	Not Confirmed

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 1311_HG

Sample ID: MB-69144	SampType: MBLK	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID:	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611709

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.00400									

Sample ID: LCS-69144	SampType: LCS	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID:	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611710

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.03947	0.00400	0.04	0	98.7	80	120	0	0		

Sample ID: 0603E60-001AMS	SampType: MS	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID: Stockpile	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611712

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.03956	0.00400	0.04	0	98.9	80	120	0	0		

Sample ID: 0603E60-001AMSD	SampType: MSD	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID: Stockpile	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611713

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.03933	0.00400	0.04	0	98.3	80	120	0.03956	0.587	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 1311_M

Sample ID: MB-69077	SampType: MBLK	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID:	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609961

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250									
Barium	BRL	0.500									
Cadmium	BRL	0.0250									
Chromium	BRL	0.0500									
Lead	BRL	0.0500									
Silver	BRL	0.0250									

Sample ID: LCS-69077	SampType: LCS	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID:	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609960

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.095	0.250	5	0	102	85	115	0	0		*
Barium	4.914	0.500	5	0.02424	97.8	80	120	0	0		
Cadmium	5.048	0.0250	5	0	101	85	115	0	0		*
Chromium	4.967	0.0500	5	0	99.3	85	115	0	0		
Lead	4.964	0.0500	5	0	99.3	85	115	0	0		
Silver	0.5037	0.0250	0.5	0	101	85	115	0	0		

Sample ID: 0603E60-001AMS	SampType: MS	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID: Stockpile	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609963

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.041	0.250	5	0	101	50	150	5.041	0	0	*
Barium	5.734	0.500	5	1.135	92	50	150	5.734	0	0	
Cadmium	4.982	0.0250	5	0	99.6	50	150	4.982	0	0	*
Chromium	4.865	0.0500	5	0	97.3	50	150	4.865	0	0	
Lead	4.923	0.0500	5	0.04744	97.5	50	150	4.923	0	0	
Selenium	5.183	0.100	5	0	104	50	150	5.183	0	0	*
Silver	0.4956	0.0250	0.5	0	99.1	50	150	0.4956	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 1311_M

Sample ID: **0603E60-001AMSD** SampType: **MSD** TestCode: **1311_M** Units: **mg/L** Prep Date: **3/30/2006** RunNo: **81342**
Client ID: **Stockpile** Batch ID: **69077** TestNo: **SW1311/6010** Analysis Date: **3/30/2006** SeqNo: **1609964**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.053	0.250	5	0	101	50	150	0	0		*
Barium	5.691	0.500	5	1.135	91.1	50	150	0	0		
Cadmium	4.936	0.0250	5	0	98.7	50	150	0	0		*
Chromium	4.817	0.0500	5	0	96.3	50	150	0	0		
Lead	4.947	0.0500	5	0.04744	98	50	150	0	0		
Selenium	5.167	0.100	5	0	103	50	150	0	0		*
Silver	0.4953	0.0250	0.5	0	99.1	50	150	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045C

Sample ID: LCS-69025	SampType: LCS	TestCode: 9045C	Units: pH Units	Prep Date: 3/28/2006	RunNo: 81225
Client ID:	Batch ID: 69025	TestNo: SW9045C		Analysis Date: 3/28/2006	SeqNo: 1608094

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.03	0.01000	7	0	100	90	110	0	0		

Sample ID: 0603E77-001B DUP	SampType: DUP	TestCode: 9045C	Units: pH Units	Prep Date: 3/28/2006	RunNo: 81225
Client ID:	Batch ID: 69025	TestNo: SW9045C		Analysis Date: 3/28/2006	SeqNo: 1607733

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	4.48	0.01000	0	0	0	0	0	4.6	2.64	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

REM-CON
Limited Liability Company

ENVIRONMENTAL REMEDIATION & CONSTRUCTION SERVICES

October 9, 2006

Reference No. RC-123

Mr. Eric Ranney
Lebow Land Company, LLC
900 Peachtree Street, Suite 400
Atlanta, Georgia 30309

Dear Mr. Ranney:

Re: Soil Removal - Sample Location USP5W3H6
Milton Avenue
Atlanta, Georgia

REM-CON, LLC (REM-CON) conducted soil removal activities from March 21 to April 19, 2006 for the above-referenced location in accordance with our discussions. The objective was to remove metal impacted soils reported by the Georgia Environmental Protection Division (EPD) above the associated Hazardous Site Response Act (HSRA) Notification Concentrations (NCs), as described in the draft US Plating Burn Site Removal Activities Report (Revision 1) dated February 24, 2006, the pertinent portions of which were received from EPD on March 28, 2006. This report provides a background summary of EPD's findings, a description of the impacted soil removal activities completed, and presents the confirmatory soil sampling results.

BACKGROUND

In 2005, American Environmental & Construction Services, Inc. (AECS) under Hazardous Site Response Program Project Assignment Form 741154-1-04 conducted soil remediation activities at the US Plating & Burn Site located at 78 Milton Avenue in Atlanta, Georgia. As set forth in the RAR, soil sampling conducted by AECS indicated that soils at sample location USP5W3H6 were slightly above the NCs for select metal analytes, but below the associated Type 2 Risk reduction Standards (RRS). A summary of the metals reported and the corresponding NCs and RRS are provided in the attached Table 1.

SOIL REMOVAL

REM-CON initiated soil removal activities on March 21, 2006 from this sample location to address the reported NCs exceedances. The excavation is illustrated on Figure 1. REM-CON subcontracted Life Environmental to screen the soil samples by X-Ray Diffraction (XRF) for chromium during the removal process to help determine the stopping points for the excavation. The soil at this sample location was excavated to 16-inches deep and extended horizontally to the other AECS borehole sample locations. Confirmatory soil samples were collected on March

5262 Belle Wood Court, Suite A • Buford, Georgia 30518
Phone 770.271.4628 • Fax 770.271.8944
www.rem-con.net

23, 2006 from the base of the excavation (USP5W3H6-16) and from the sidewalls (USP5W3H6-1 and B) as illustrated on Figure 1. These soil samples were submitted to Analytical Environmental Services, Inc (AES) for analysis of the previously reported metals detected above the RRS.

All soils were stockpiled on plastic pending characterization and disposal. A five-point composite soil sample (Stockpile) was collected from the stockpile on March 23, 2006 and was submitted to AES for toxicity characteristic leaching procedure (TCLP) metals and pH analyses. The results of this characterization testing indicated that the soils were RCRA non-hazardous. Stockpiled soils were transported on May 16 and 17, 2006 to the Waste Management's Subtitle D landfill located in Ballground, Georgia under profile number VC4403. A copy of the manifests is included in Attachment A.

ANALYTICAL RESULTS

The soil samples were selectively submitted to Analytical Environmental Services, Inc. (AES) of Atlanta, Georgia for total RCRA metals analysis by SW-846[1] Method 6010/7471, TCLP metals by SW-846 Method 1311/6010/7000 series. AES is an accredited laboratory under the National Environmental Laboratory Accreditation Program (NELAC) (Accreditation ID: E87582). The soil sample results are summarized in Table 2 and are illustrated on Figure 1. A copy of the laboratory analytical reports is provided in Attachment B.

CONCLUSIONS

Based on the soil removal activities and the confirmatory soil sample results discussed in the previous section, the soils previously reported by EPD to be above the associated NCs have been removed and disposed of at an approved subtitle "D" Landfill.

Please contact us at (770) 271-4628 if you have any questions or require additional information.

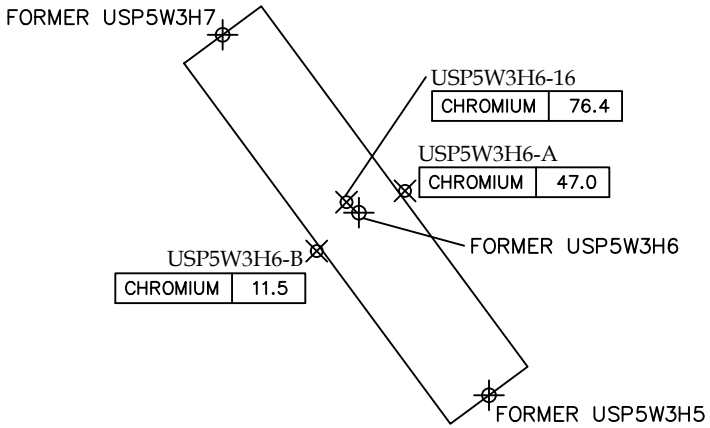
Yours truly,

REM-CON, LLC

Brent Cortelloni, CHMM

Encl.
BC/bc/1

[1] "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846 third edition, November 1986, with its revisions and updates.



LEGEND

USP3H1 ⊕ EPD SAMPLING LOCATIONS

SD-05-B ⊗ REM–CON SAMPLING LOCATIONS

0 3 ~6ft

Title

EXCAVATION DETAIL - USP5W3H6

Site: Milton Avenue, SE, Atlanta, Georgia

Permit ID.

REM-CON, LLC

Figure **1**

TABLE 1

ANALYTICAL SOIL DATA - AECS SAMPLES
MILTON AVENUE
ATLANTA, GEORGIA

Sample Location [1]	*Date Collected*	*Sample Type*	*Depth (inches bgs)* [2]	*Analyte*	*Concentration (mg/kg)* [3]	*Standard* [4] *(mg/kg)*
USP5W3H6	8/26/2005	Boring	12	Chromium	1,490	1200/2400

Notes:
1) Sample locations highlighted in red are the final sampling points for the associated excavation
2) bgs - below ground surface
3) mg/kg - milligrams per kilogram
4) HSRA Notification Concentrations and the Type 2 RRS as calculated by EPD

TABLE 2

ANALYTICAL SOIL DATA - CONFIRMATORY SAMPLES
MILTON AVENUE
ATLANTA, GEORGIA

Sample Location [1]	*Date Collected*	*Sample Type*	*Depth (inches bgs)* [2]	*Analyte*	*Concentration (mg/kg)* [3]	*Standard* [4] *(mg/kg)*
USP5W3H6-16	3/23/2006	Base	16	Chromium	76	1200/2,400
USP5W3H6-A	3/23/2006	Sidewall	8	Chromium	47	1200/2,400
USP5W3H6-B	3/23/2006	Sidewall	8	Chromium	12	1200/2,400
Stockpile	3/23/2006	Composite	N.A.	TCLP Arsenic	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Barium	1.13 mg/L	N.A.
	3/23/2006	Composite	N.A.	TCLP Cadmium	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Chromium	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Lead	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Selenium	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Silver	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Mercury	BRL	N.A.
	3/23/2006	Composite	N.A.	pH	6.54 S. U.	N.A.

Notes:
1) Sample locations highlighted in red are the final sampling points for the associated excavation
2) bgs - below ground surface
3) mg/kg - milligrams per kilogram
4) HSRA Notification Concentrations and the Type 2 RRS as calculated by EPD

ATTACHMENT A

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10101

2. Page 1 of

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number WMNA 10279977

B. State Generator's ID

4. Generator's Phone 404 827-1400

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107 | 10. US EPA ID Number | G. State Facility's ID | H. Facility's Phone 770-479-2936

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # WC4483			15.62	T	NH80
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ____ Solidification ____
Bio Remediation ____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
Purchase Order # EMERGENCY CONTACT: BRENT CURTIS/LYNN 770-271-4620

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month 05 Day 16 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name Sellers | Signature | Month 05 Day 16 Year 06

CWM - NHM - 4 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10002 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

4. Generator's Phone 404 827-1440

A. Manifest Number **WMNA 10279978**

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13899 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 D - (S L)

G. State Facility's ID

H. Facility's Phone 770-479-8936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # UC4403			15.27	T	NHW
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT: BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month 05 Day 16 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name [illegible] | Signature [illegible] | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name [illegible] | Signature [illegible] | Month Day Year

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10010 3 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

4. Generator's Phone 404 827-1440

A. Manifest Number WMNA 10279979

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 D | F. Transporter's Phone | G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15.92	T	NH08
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ____ Solidification ____
Bio Remediation ____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
LB-95
Purchase Order #
EMERGENCY CONTACT BRENT COKELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton LLC | Signature "On behalf of" | Month Day Year 05/16/06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name DON Worthey | Signature | Month Day Year 05/16/06

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name S Erkuslanic | Signature | Month Day Year 05/19/06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 0 0 0 4 7 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number **WMNA 10279980**

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 D - 1 9 L

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15.79	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill _____ Solidification _____
Bio Remediation _____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
LR92
Purchase Order # EMERGENCY CONTACT: VINCENT CORTELLONI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month 0 5 | Day 1 6 | Year 0 6

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name SHKUSHKO | Signature | Month | Day | Year

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 010015 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE.
ATLANTA, GA

4. Generator's Phone 404 827-1440

A. Manifest Number WMNA 10279981

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name — | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 5 8 0 3 9 0 - 1 5 1 1 | G. State Facility's ID | H. Facility's Phone 770-479-8936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15,68	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill
Solidification
Bio Remediation

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
Purchase Order #
EMERGENCY CONTACT KENT CORTELLONI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month Day Year 05/16/06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name | Signature | Month Day Year

GENERATOR

OWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

4535

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10016 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE.
ATLANTA, GA

A. Manifest Number **WMNA 10279982**

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13805 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number
0 2 8 0 3 9 D - (S L)

G. State Facility's ID

H. Facility's Phone 770-479-2938

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			16.54	T	NHW
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill _____ Solidification _____
Bio Remediation _____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
Purchase Order #
EMERGENCY CONTACT BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name: 78 Milton, LLC | Signature "On behalf of" | Month Day Year: 05/16/06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ron Hartley | Signature | Month Day Year: 05/16/06

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name: Yakunko | Signature | Month Day Year: 05/16/06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC, 78 MILTON AVE, ATLANTA, GA

A. Manifest Number: WMNA 10279983

4. Generator's Phone: 404 627-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL, 13909 EAST CHEROKEE DR., BALLGROUND, GA 30107 | 10. US EPA ID Number: 9 2 8 0 3 9 0 - 0 5 L | G. State Facility's ID | H. Facility's Phone: 770-479-2936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4483			16.12	T	MW90
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT: BRENT CORTELLONI 770-271-4620

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name | Signature "On behalf of" | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest

Printed/Typed Name Jack Ushlon | Signature | Month 05 Day 15 Year 06

GENERATOR | TRANSPORTER | FACILITY

CWM - NHM - 1 - 8/97

#3 - TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WM MANAGEMENT

Type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number: WMNA 10279984

B. State Generator's ID

4. Generator's Phone: 404 827-1440

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number: 0 2 8 0 3 9 D - (S L)

G. State Facility's ID

H. Facility's Phone: 770-479-2936

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15.80	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

LF 12

Purchase Order # EMERGENCY CONTACT: VINCENT CORTELLI TONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name: 78 MILTON, LLC | Signature "On behalf of" | Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name | Signature | Month Day Year

CWM - NHM - 1 - 5/97

"F. FACILITY USE ONLY

TE MANAGEMENT

NON-HAZARDOUS MANIFEST

Print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC, 78 MILTON AVE, ATLANTA, GA

A. Manifest Number: WMNA 10279998

4. Generator's Phone: 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number

D. Transporter's Phone

E. State Transporter's ID

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL, 13809 EAST CHEROKEE DR., BALLGROUND, GA 30107 | 10. US EPA ID Number: 0 2 8 0 3 9 D - (S L)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone: 770-479-2936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15.01	T	NH80
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ____ ____ ____ Solidification ____ ____ ____ ____

Bio Remediation ____ ____ ____ ____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT VINCENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name: 78 Milton, LLC | Signature "On behalf of" | Month Day Year: 05 17 06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name | Signature | Month Day Year: 05 19 06

GENERATOR | TRANSPORTER | FACILITY

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 0 0 1 3 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
75 MILTON AVE
ATLANTA, GA

A. Manifest Number **WMNA 10279997**

4. Generator's Phone 404 627-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13609 EAST CHEROKEE DR.
RALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 0 0 1 5 L

G. State Facility's ID

H. Facility's Phone 770-479-2935

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4493			17.63	T	NW99
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ____ Solidification ____
Bio Remediation ____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT: BRENT CORTELLINI 770-271-4698

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton LLC | Signature "On behalf of" | Month Day Year 0 5 1 7 0 6

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name | Signature | Month Day Year 05 17 06

CWM - NHM - 1 - 5/97

#4 - GENERATOR #2 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. C 0 1 8

2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number WMNA 10279996

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number

D. Transporter's Phone

E. State Transporter's ID

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 D - (S L)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # WC4403			15.11	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ____ Solidification ____

Bio Remediation ____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT VINCENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

GENERATOR

Printed/Typed Name: 78 Milton, LLC | Signature "On behalf of" | Month Day Year: 5 19 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: LINDSEY THOMPSON | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name | Signature | Month Day Year

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

TE MANAGEMENT

Print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10192

2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number: WMNA 10279995

B. State Generator's ID

4. Generator's Phone: 404 827-1440

5. Transporter 1 Company Name: LEWIS | 6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name: ANSON | 8. US EPA ID Number

E. State Tranaporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL
13999 EAST CHEROKEE DR.
BALLGROUND, GA 30107 | 10. US EPA ID Number: 0 2 8 0 3 9 D - (9 L)

G. State Facility's ID

H. Facility's Phone: 770-479-2936

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4483			15.64	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # TR # ST-35 EMERGENCY CONTACT: BRENT CORTELLIONI 770-271-4620

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name	Signature "On behalf of"	Month	Day	Year
78 Milton, LLC		05	17	06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Johnny Paige		05	17	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

r or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

ed Name	Signature	Month	Day	Year
S Jackson KD		05	17	06

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 6012

2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE.
ATLANTA, GA

A. Manifest Number **WMNA 10279994**

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13899 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 0 - 0 3 L P

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			14.01	T	14100
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ____ Solidification ____
Bio Remediation ____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT CORTELLINI 770-271-4629

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month Day Year 05 17 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name [illegible] | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name S. Jakushenko | Signature | Month Day Year 05 19 06

M - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

(Designed for use on elite (12-pitch) typewriter.)

RDOUS MANIFEST	1. Generator's US EPA ID No. / Manifest Document No.	2. Page 1 of 1
me and Mailing Address: 78 MILTON, LLC 78 MILTON AVE ATLANTA, GA		A. Manifest Number: WMNA 10279993
lor's Phone: 404 327-1448		B. State Generator's ID
sporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL 13609 EAST CHEROKEE DR. KALLGROUND, GA 35187	10. US EPA ID Number: 0 2 5 0 3 3 2 - 1 6 1	G. State Facility's ID
		H. Facility's Phone: 770-479-2935

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
GENERATOR a. NICKEL IMPACTED SOILS WM Profile # 054403			15.69	T	1770
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

C-34

Purchase Order #

EMERGENCY CONTACT: [illegible] 770-971-3628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	05	10	06

CWM - NHM - 1 - 5/97

ATTACHMENT B

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 29, 2006

Brent Cortelloni
Rem-Con, LLC
5262 Belle Wood Court
Suite A
Buford, GA 30518
TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton

Order No.: 0603E04

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 12 samples on 3/24/2006 9:55:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. Sample results are not dry weight corrected, unless if Pmoist analysis are requested on the chain of custody or other project specific arrangements have been made. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/06-06/30/07.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 19 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager
Revision: Project name changed at client's request.

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3785 Presidential Pkwy., Atlanta, GA 30340-0370
TEL: (770) 457-8177 / TOLL FREE: (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0603E04

Date: _____ Page 1 of 1

COMPANY: ReM-COV ~~EMA~~ / BL

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B Mattellone

SIGNATURE: B. M

ANALYSIS REQUESTED

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Nickel	Arsenic	Cadmium	Lead	Chromium	Mercury	REMARKS	No # of Containers
	BLDG-B-12	3-23-06	10:00	X		SO	X							
	USP5W3H6-16										X			
	USP3H1-16									X		X		
	SD-05-12						X							
	USP5W4-36-3						X	X	X	X				
	SD-03-12						X					X		
	SD-01-16						X	X		X				
	USP3H1-C									X		X		
	USP3H1-B									X		X		
	BLDG-SW-B-3						X							
	USP5W3H6-A										X			
	USP5W3H6-B	4	12:30	↓		↓					X			

PRESERVATION

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	3/24/06 9:55	1:	3/24/06 9:55
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

PO#:

QUOTE/CONTRACT #:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER _____

PROJECT INFORMATION
PROJECT NAME: 80 Milton
PROJECT #: RC-123
FAC ID#:
SITE ADDRESS:
PROJECT MANAGER: B. Mattellone
INVOICE TO:
(IF DIFFERENT FROM ABOVE)

RECEIPT
Total # of Containers

Turnaround Time Request
- X Standard 3-5 Business Days
- O Same Day Rush (auth req.)
- O Next Business Day Rush
- O 2 Business Day Rush
- O Other _____

PROGRAM (see codes): _____

DATA PACKAGE: I II (III) IV

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify) NA = None

PROGRAM: FLUST FLDC ALUST TNUST MSUST NCUST SCUST GAUST GACONV FLCONV

White Copy - ORIGINAL; Yellow Copy - LAB; Pink Copy - CLIENT

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Rem-CON /BSC Work Order Number C0603E04

Checklist completed by Marcus Pilson 3-24-4
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 2.6°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\Checklist.rtf

Analytical Environmental Services, Inc. **Date:** *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab Order: 0603E04

CASE NARRATIVE

Metals Analysis by Method 6010B:

Matrix spike and matrix spike duplicate recoveries for Pb, Ni on sample 0603D73-001B were outside control limits. LCS recovery was within control limits indicating possible matrix interference.

Matrix spike duplicate recovery for Cr on sample 0603D73-001B was outside control limits due to insignificant spike amount as compared to sample concentration. LCS recovery was within control limits.

Cr value for the QC sample 0603D73-001B is "E" qualified indicating an estimated value over linear calibration range due to the level of target analyte present in the unspiked sample.

Change project name to "Milton" per Brent Cortelloni on 9/28/2006.

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	USPSW3H6-16
Project:	Milton	**Collection Date:**	3/23/2006 10:00:00 AM
Lab ID:	0603E04-002	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL			**SW6010B**		**(SW3050B)**		Analyst: **BB**
Chromium	76.4	2.48		mg/Kg	68960	1	3/28/2006 1:30 PM

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT:	Rem-Con, LLC	**Client Sample ID:**	USP5W3H6-A
Project:	Milton	**Collection Date:**	3/23/2006 10:00:00 AM
Lab ID:	0603E04-011	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL			**SW6010B**		**(SW3050B)**		Analyst: **BB**
Chromium	47.0	2.35		mg/Kg	68960	1	3/28/2006 2:04 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab ID: 0603E04-012

Client Sample ID: USP5W3H6-B
Collection Date: 3/23/2006 12:30:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL			**SW6010B**		**(SW3050B)**		Analyst: **BB**
Chromium	11.5	2.44		mg/Kg	68960	1	3/28/2006 2:15 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
BRL	Below Reporting Limit
H	Holding times for preparation or analysis exceeded
N	Analyte not NELAC certified
B	Analyte detected in the associated Method Blank
E	Estimated (Value above quantitation range)
S	Surrogate Recovery outside accepted recovery limits
Narr	See Case Narrative
NC	Not Confirmed

CLIENT: Rem-Con, LLC
Work Order: 0603E04
Project: Milton

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: MB-68960	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/28/2006	SeqNo: 1607547

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Nickel	BRL	5.00									

Sample ID: LCS-68960	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/28/2006	SeqNo: 1607546

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.6	5.00	50	0	97.2	80	120	0	0		
Cadmium	48.25	2.50	50	0	96.5	80	120	0	0		
Chromium	54.15	2.50	50	0.8281	107	80	120	0	0		
Lead	48.75	5.00	50	0.06369	97.4	80	120	0	0		
Nickel	48.79	5.00	50	0	97.6	80	120	0	0		

Sample ID: 0603D73-001BMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/29/2006	SeqNo: 1609231

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	45.78	4.73	47.26	4.286	87.8	75	125	0	0		
Cadmium	38.04	2.36	47.26	0	80.5	75	125	0	0		
Chromium	4027	2.36	47.26	3990	79.9	75	125	0	0		E
Lead	35.49	4.73	47.26	3.49	67.7	75	125	0	0		S
Nickel	51.77	4.73	47.26	17.94	71.6	75	125	0	0		S

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E04
Project: Milton

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: 0603D73-001BMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/29/2006	SeqNo: 1609232

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	46.35	4.76	47.59	4.286	88.4	75	125	45.78	1.25	20	
Cadmium	38.81	2.38	47.59	0	81.6	75	125	38.04	2.00	20	
Chromium	3987	2.38	47.59	3990	-5.46	75	125	4027	1.01	20	SE
Lead	36.12	4.76	47.59	3.49	68.6	75	125	35.49	1.75	20	S
Nickel	51.99	4.76	47.59	17.94	71.5	75	125	51.77	0.431	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E04
Project: Milton

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471A_S

Sample ID: MB-69043	SampType: MBLK	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID:	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1608995

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.100									

Sample ID: LCS-69043	SampType: LCS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID:	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1608999

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3427	0.100	0.4	0	85.7	80	120	0	0		

Sample ID: 0603E04-003AMS	SampType: MS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID: USP3H1-16	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1609007

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.385	0.0982	0.3929	0.01737	93.6	70	130	0	0		

Sample ID: 0603E04-003AMSD	SampType: MSD	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID: USP3H1-16	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1609008

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3874	0.0990	0.396	0.01737	93.4	70	130	0.385	0.631	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 29, 2006

Brent Cortelloni
Rem-Con, LLC
5262 Belle Wood Court
Suite A
Buford, GA 30518
TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton Ave

Order No.: 0603E60

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 1 sample on 3/27/2006 11:20:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. Sample results are not dry weight corrected, unless if Pmoist analysis are requested on the chain of custody or other project specific arrangements have been made. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/06-06/30/07.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 9 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager
Revision: Project name changed at client's request.

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0603E60

Date: _____ Page _____ of _____

COMPANY: REM-CON/BC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Costelloni

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	TCLP metals pH	PRESERVATION (See codes)	REMARKS	No. # of Containers
1	Stockpile	3-27-06	12:30		X		X	X		
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	3-27-06	1:	3/27/06 11:20
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: 80 Milton Ave

PROJECT #: RC-123

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request

- Standard 5 Business Days
- 2 Business Day Rush
- Next Business Day Rush
- Same Day Rush (auth req.)
- Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER _____

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client REM-CON / BC Work Order Number 0603E60

Checklist completed by Marcus D Robinson 3-27-6
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 3.6°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes ✓	No __
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes __	No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\Checklist.rtf

Analytical Environmental Services, Inc. **Date:** *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton Ave
Lab Order: 0603E60

CASE NARRATIVE

Per Brent Cortelloni, analyze TCLP for RCRA metals. 3/28/2006

Change project name to "Milton Ave" per Brent Cortelloni on 9/28/2006.

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton Ave
Lab ID: 0603E60-001

Client Sample ID: Stockpile
Collection Date: 3/23/2006 12:30:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP		**SW1311/7470A**			**(SW7470A)**		Analyst: **AO**
Mercury	BRL	0.00400		mg/L	69144	1	3/31/2006 2:36 PM
ICP METALS, TCLP		**SW1311/6010B**			**(SW3010A)**		Analyst: **VA**
Arsenic	BRL	0.250		mg/L	69077	1	3/30/2006 12:33 PM
Barium	1.13	0.500		mg/L	69077	1	3/30/2006 12:33 PM
Cadmium	BRL	0.0250		mg/L	69077	1	3/30/2006 12:33 PM
Chromium	BRL	0.0500		mg/L	69077	1	3/30/2006 12:33 PM
Lead	BRL	0.0500		mg/L	69077	1	3/30/2006 12:33 PM
Selenium	BRL	0.100		mg/L	69077	1	3/30/2006 12:33 PM
Silver	BRL	0.0250		mg/L	69077	1	3/30/2006 12:33 PM
LABORATORY PH		**SW9045C**			**(SW9045C)**		Analyst: **EK**
pH	06.54	0.01		pH Units	69025	1	3/28/2006 5:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 1311_HG

Sample ID: MB-69144	SampType: MBLK	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID:	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611709

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.00400									

Sample ID: LCS-69144	SampType: LCS	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID:	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611710

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.03947	0.00400	0.04	0	98.7	80	120	0	0		

Sample ID: 0603E60-001AMS	SampType: MS	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID: Stockpile	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611712

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.03956	0.00400	0.04	0	98.9	80	120	0	0		

Sample ID: 0603E60-001AMSD	SampType: MSD	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID: Stockpile	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611713

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.03933	0.00400	0.04	0	98.3	80	120	0.03956	0.587	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 1311_M

Sample ID: MB-69077	SampType: MBLK	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID:	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609961

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250									
Barium	BRL	0.500									
Cadmium	BRL	0.0250									
Chromium	BRL	0.0500									
Lead	BRL	0.0500									
Silver	BRL	0.0250									

Sample ID: LCS-69077	SampType: LCS	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID:	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609960

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.095	0.250	5	0	102	85	115	0	0		*
Barium	4.914	0.500	5	0.02424	97.8	80	120	0	0		
Cadmium	5.048	0.0250	5	0	101	85	115	0	0		*
Chromium	4.967	0.0500	5	0	99.3	85	115	0	0		
Lead	4.964	0.0500	5	0	99.3	85	115	0	0		
Silver	0.5037	0.0250	0.5	0	101	85	115	0	0		

Sample ID: 0603E60-001AMS	SampType: MS	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID: Stockpile	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609963

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.041	0.250	5	0	101	50	150	5.041	0	0	*
Barium	5.734	0.500	5	1.135	92	50	150	5.734	0	0	
Cadmium	4.982	0.0250	5	0	99.6	50	150	4.982	0	0	*
Chromium	4.865	0.0500	5	0	97.3	50	150	4.865	0	0	
Lead	4.923	0.0500	5	0.04744	97.5	50	150	4.923	0	0	
Selenium	5.183	0.100	5	0	104	50	150	5.183	0	0	*
Silver	0.4956	0.0250	0.5	0	99.1	50	150	0.4956	0	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 1311_M

Sample ID: 0603E60-001AMSD	SampType: MSD	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID: Stockpile	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609964

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.053	0.250	5	0	101	50	150	0	0		*
Barium	5.691	0.500	5	1.135	91.1	50	150	0	0		
Cadmium	4.936	0.0250	5	0	98.7	50	150	0	0		*
Chromium	4.817	0.0500	5	0	96.3	50	150	0	0		
Lead	4.947	0.0500	5	0.04744	98	50	150	0	0		
Selenium	5.167	0.100	5	0	103	50	150	0	0		*
Silver	0.4953	0.0250	0.5	0	99.1	50	150	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045C

Sample ID: LCS-69025	SampType: LCS	TestCode: 9045C	Units: pH Units	Prep Date: 3/28/2006	RunNo: 81225
Client ID:	Batch ID: 69025	TestNo: SW9045C		Analysis Date: 3/28/2006	SeqNo: 1608094

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.03	0.01000	7	0	100	90	110	0	0		

Sample ID: 0603E77-001B DUP	SampType: DUP	TestCode: 9045C	Units: pH Units	Prep Date: 3/28/2006	RunNo: 81225
Client ID:	Batch ID: 69025	TestNo: SW9045C		Analysis Date: 3/28/2006	SeqNo: 1607733

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	4.48	0.01000	0	0	0	0	0	4.6	2.64	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

REM-CON
Limited Liability Company

ENVIRONMENTAL REMEDIATION & CONSTRUCTION SERVICES

October 9, 2006

Reference No. RC-123

Mr. Eric Ranney
Lebow Land Company, LLC
900 Peachtree Street, Suite 400
Atlanta, Georgia 30309

Dear Mr. Ranney:

Re: Soil Removal - Sample Location USP3H1
Milton Avenue
Atlanta, Georgia

REM-CON, LLC (REM-CON) conducted soil removal activities from March 21 to April 19, 2006 for the above-referenced location in accordance with our discussions. The objective was to remove metal impacted soils reported by the Georgia Environmental Protection Division (EPD) above the associated Hazardous Site Response Act (HSRA) Risk Reduction Standards (RRS), as described in the Draft US Plating Removal Activities Report (Revision 1) dated February 24, 2006 (RAR), the pertinent portions of which were received from EPD on March 28, 2006. This report provides a background summary of EPD's findings, a description of the impacted soil removal activities completed, and presents the confirmatory soil sampling results.

BACKGROUND

In 2005, American Environmental & Construction Services, Inc. (AECS) under Hazardous Site Response Program Project Assignment Form 741154-1-04 conducted soil remediation activities at the US Plating & Burn Site located at 78 Milton Avenue in Atlanta, Georgia. As set forth in the RAR, soil sampling conducted by AECS indicated that soils at sample location USP3H1 did not exceed HSRA Notification Concentrations (NCs) but did slightly exceed Type 2 Risk Reduction Standards (RRS) for select metal analytes. A summary of the metals reported and the corresponding NCs and RRS are provided in the attached Table 1.

SOIL REMOVAL

REM-CON initiated soil removal activities on March 21, 2006 from this sample location to address the reported RRS exceedances. The excavation is illustrated on Figure 1. REM-CON subcontracted Life Environmental to screen the soil samples by X-Ray Diffraction (XRF) for lead during the removal process to help determine the stopping points for the excavation. The sample location was excavated to 16-inches deep and was limited horizontally by the other

5262 Belle Wood Court, Suite A ♦ Buford, Georgia 30518
Phone 770.271.4628 ♦ Fax 770.271.8944
www.rem-con.net

AECS borehole sample locations in all cases except for the northwest sidewall of borehole USP3H1 which was excavated all the way to the associated slope. A sidewall sample was not available for sampling in this direction since the excavation activities eliminated the sidewall. Confirmatory soil samples were collected on March 23, 2006 from the base of the excavation (USP3H1-16) and from the sidewalls (USP3H1-B and C) as illustrated on Figure 1. These soil samples were submitted to Analytical Environmental Services, Inc (AES) for analysis of the previously reported metals detected above the RRS.

All soils were stockpiled on plastic pending characterization and disposal. A five-point composite soil sample (Stockpile) was collected from the stockpile on March 23, 2006 and was submitted to AES for toxicity characteristic leaching procedure (TCLP) metals and pH analyses. The results of this characterization testing indicated that the soils were RCRA non-hazardous. Stockpiled soils were transported on May 16 and 17, 2006 to the Waste Management's Subtitle D landfill located in Ballground, Georgia under profile number VC4403. A copy of the manifests is included in Attachment A.

ANALYTICAL RESULTS

The soil samples were selectively submitted to Analytical Environmental Services, Inc. (AES) of Atlanta, Georgia for total RCRA metals analysis by SW-846[1] Method 6010/7471, TCLP metals by SW-846 Method 1311/6010/7000 series. AES is an accredited laboratory under the National Environmental Laboratory Accreditation Program (NELAC) (Accreditation ID: E87582). The soil sample results are summarized in Table 2 and are illustrated on Figure 1. A copy of the laboratory analytical reports is provided in Attachment B.

CONCLUSIONS

Based on the soil removal activities and the confirmatory soil sample results discussed in the previous section, the soils previously reported by EPD to be above the associated RRS have been removed and disposed of at an approved subtitle "D" Landfill.

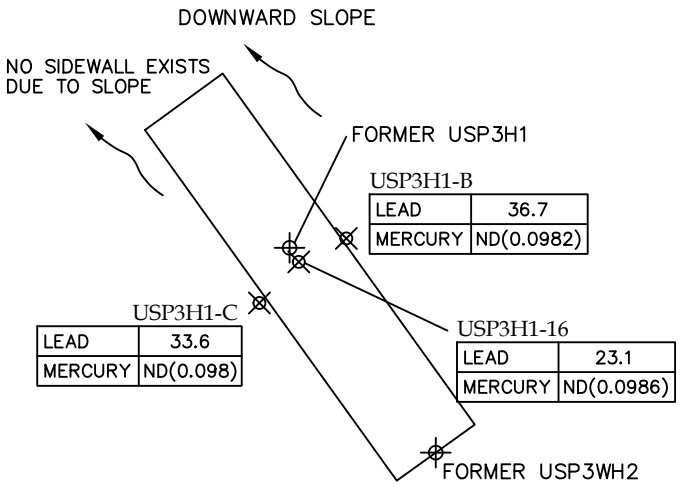
Please contact us at (770) 271-4628 if you have any questions or require additional information.

Yours truly,

REM-CON, LLC

Brent Cortelloni, CHMM

[1] "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846 third edition, November 1986, with its revisions and updates.



LEGEND

USP3H1 ⊕ EPD SAMPLING LOCATIONS

SD-05-B ⊗ REM-CON SAMPLING LOCATIONS

0 3 ~6ft

Title

EXCAVATION DETAIL - USP3H1

Site: Milton Avenue, SE, Atlanta, Georgia

Permit ID.

REM-CON, LLC

Figure **1**

TABLE 1

ANALYTICAL SOIL DATA - AECS SAMPLES
MILTON AVENUE
ATLANTA, GEORGIA

Sample Location [1]	*Date Collected*	*Sample Type*	*Depth (inches bgs)* [2]	*Analyte*	*Concentration (mg/kg)* [3]	*Standard* [4] *(mg/kg)*
USP3H1	8/26/2005	Boring	12	Lead	302	400/270.06
USP3H1	8/26/2005	Boring	12	Mercury	0.781	17/0.5

Notes:

1) Sample locations highlighted in red are the final sampling points for the associated excavation
2) bgs - below ground surface
3) mg/kg - milligrams per kilogram
4) HSRA Notification Concentrations and the Type 2 RRS as calculated by EPD

TABLE 2

ANALYTICAL SOIL DATA - CONFIRMATORY SAMPLES
MILTON AVENUE
ATLANTA, GEORGIA

Sample Location [1]	*Date Collected*	*Sample Type*	*Depth (inches bgs)* [2]	*Analyte*	*Concentration (mg/kg)* [3]	*Standard* [4] *(mg/kg)*
USP3H1-16	3/23/2006	Base	16	Lead	23.1	400/270.06
	3/23/2006	Base	16	Mercury	BRL (0.0986)	17/0.5
USP3H1-B	3/23/2006	Sidewall	8	Lead	37	400/270.06
	3/23/2006	Sidewall	8	Mercury	BRL (0.0982)	17/0.5
USP3H1-C	3/23/2006	Sidewall	8	Lead	34	400/270.06
	3/23/2006	Sidewall	8	Mercury	BRL (0.098)	17/0.5
Stockpile	3/23/2006	Composite	N.A.	TCLP Arsenic	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Barium	1.13 mg/L	N.A.
	3/23/2006	Composite	N.A.	TCLP Cadmium	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Chromium	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Lead	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Selenium	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Silver	BRL	N.A.
	3/23/2006	Composite	N.A.	TCLP Mercury	BRL	N.A.
	3/23/2006	Composite	N.A.	pH	6.54 S. U.	N.A.

Notes:
1) Sample locations highlighted in red are the final sampling points for the associated excavation
2) bgs - below ground surface
3) mg/kg - milligrams per kilogram
4) HSRA Notification Concentrations and the Type 2 RRS as calculated by EPD

ATTACHMENT A

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10101

2. Page 1 of

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number WMNA 10279977

B. State Generator's ID

4. Generator's Phone 404 827-1440

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107 | 10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone 770-479-2936

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15.62	T	WH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT: [illegible] 770-874-4550

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month 05 Day 16 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name Sellers | Signature | Month 05 Day 16 Year 06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10002

2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number **WMNA 10279978**

4. Generator's Phone 404 327-2440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 D - (S L)

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # UC4403			15.71	T	NH09
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ..... Solidification .....

Bio Remediation .....

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT: VINCENT CORTELLIONI 770-221-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month 05 Day 16 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name | Signature | Month Day Year

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10 0 8 13 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

4. Generator's Phone 404 827-1440

A. Manifest Number WMNA 10279979

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number | G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15.92	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ____ Solidification ____
Bio Remediation ____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
LB-95
Purchase Order #
EMERGENCY CONTACT: BRENT COSTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton LLC | Signature "On behalf of" | Month Day Year 10 15 16 16

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Ron Northey | Signature Ron Northey | Month Day Year 10 15 16 16

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name S Fukuoka | Signature | Month Day Year 10 15 16

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 010017 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number WMNA 10279980

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 0 - 0 5 L

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VQA403			15.79	T	N400
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

LR92

Purchase Order # EMERGENCY CONTACT BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month 05 Day 16 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name Eric Day | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name S. Sokolenko | Signature | Month 05 Day 17 Year 06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 0 0 0 8 1 5 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE.
ATLANTA, GA

4. Generator's Phone 404 827-1440

A. Manifest Number **WMNA 10279981**

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name — | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 E 8 0 3 9 D - (S L)

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			15,68	T	NM00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill _____ Solidification _____
Bio Remediation _____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
Purchase Order #
EMERGENCY CONTACT: VINCENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton LLC | Signature "On behalf of" | Month Day Year 05/16/06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name [illegible] | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name [illegible] | Signature | Month Day Year

OWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

4595

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10006 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

4. Generator's Phone 404 827-1440

A. Manifest Number WMNA 10279982

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 D (SL)

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			16.54	T	16400
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

GENERATOR

J. Additional Descriptions for Materials Listed Above
Landfill _____ Solidification _____
Bio Remediation _____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
Purchase Order #
EMERGENCY CONTACT BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month Day Year 05/16/06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Ron Martin | Signature | Month Day Year 05/16/06

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name Stankonis | Signature | Month Day Year 05/16/06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC, 78 MILTON AVE, ATLANTA, GA

A. Manifest Number: WMNA 10279983

4. Generator's Phone: 404 627-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL, 13989 EAST CHEROKEE DR., BALLGROUND, GA 30107 | 10. US EPA ID Number: 9 2 8 0 3 8 0 - 1 (S L) | G. State Facility's ID | H. Facility's Phone: 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4483			16.19	T	NH98
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location: Cell _____ Level _____ Grid _____

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT: VINCENT CORTELLONI 770-271-4620

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name | Signature "On behalf of" | Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest

Printed/Typed Name: Jackson KS | Signature | Month Day Year: 05 19 05

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

MANAGEMENT

Type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 6

2. Page 1 of 1

A. Manifest Number **WMNA 10279984**

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

B. State Generator's ID

4. Generator's Phone 404 827-1440

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13909 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number
0 2 8 0 3 9 0 - (S L)

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4483			15.80	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

LF 12

Purchase Order # EMERGENCY CONTACT BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 MILTON, LLC | Signature "On behalf of" | Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name | Signature | Month Day Year

CWM - NHM - 1 - 5/97

"F" FACILITY USE ONLY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10279998

2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

4. Generator's Phone 404 627-1440

A. Manifest Number WMNA 10279998

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number
G A 0 2 8 0 3 9 D - (S L)

G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC1403			15.01	T	AM80
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ____ ____ ____ Solidification ____ ____ ____ ____

Bio Remediation ____ ____ ____ ____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT CORTELLINI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month Day Year 05 17 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year 05 17 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name | Signature | Month Day Year 05 17 06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 0 0 1 3

2. Page 1 of 1

3. Generator's Name and Mailing Address
70 MILTON, LLC
70 MILTON AVE
ATLANTA, GA

A. Manifest Number **WMNA 10279997**

4. Generator's Phone 404 627-1460

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number

D. Transporter's Phone

E. State Transporter's ID

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 0 0 (S L)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone 770-479-2935

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4493			17.63	T	NI50
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ____ Solidification . . . .

Bio Remediation ____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT: BRENT CORTELLINI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name 70 Milton LLC | Signature "On behalf of" | Month Day Year 0 5 1 7 0 6

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name Sellers | Signature | Month Day Year 05 17 06

CWM - NHM - 1 - 5/97

#4 - GENERATOR #2 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

* Print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC, 78 MILTON AVE, ATLANTA, GA

A. Manifest Number: WMNA 10279996

4. Generator's Phone: 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL, 13809 EAST CHEROKEE DR., BALLGROUND, GA 30107 | 10. US EPA ID Number: 0 2 8 0 3 9 0 - (S L) | G. State Facility's ID | H. Facility's Phone: 770-479-2936

11. Description of Waste Materials

		12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
GENERATOR a.	MICKEL IMPACTED SOILS, WM Profile # VC4403			15.11	T	NH80
b.	WM Profile #					
c.	WM Profile #					
d.	WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ____ Solidification ____

Bio Remediation ____

K. Disposal Location: Cell Level Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name: 78 Milton, LLC | Signature "On behalf of" | Month Day Year: 05 17 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: LINDSEY THOMPSON | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name: S Sokolenko | Signature | Month Day Year: 05 17 06

CWM - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

TE MANAGEMENT

NON-HAZARDOUS MANIFEST

int or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10018 GA | 2. Page 1 of 1

3. Generator's Name and Mailing Address: 78 MILTON, LLC, 78 MILTON AVE, ATLANTA, GA

4. Generator's Phone: 404 827-1440

A. Manifest Number: WMNA 10279995 9999

B. State Generator's ID:

5. Transporter 1 Company Name: LEWIS | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name: ANSON | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL, 13899 EAST CHEROKEE DR., BALLGROUND, GA 30107 | 10. US EPA ID Number: 0 2 8 0 3 9 D - (S L) | G. State Facility's ID | H. Facility's Phone: 770-479-2936

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4483			15.64	T	NH00
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location: Cell _____ Level _____ Grid _____

15. Special Handling Instructions and Additional Information

Purchase Order # TR # ST-35 EMERGENCY CONTACT: BRENT CORTELLIONI 770-271-4628

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name	Signature "On behalf of"	Month	Day	Year
78 Milton, LLC		05	17	06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Johnny Paige		05	17	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste [illegible] managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

[illegible] or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
S Sakuskenko		05	17	06

#3 - TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 8911 2

2. Page 1 of 1

3. Generator's Name and Mailing Address
78 MILTON, LLC
78 MILTON AVE
ATLANTA, GA

A. Manifest Number **WMNA 10279994**

4. Generator's Phone 404 827-1440

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number | C. State Transporter's ID

7. Transporter 2 Company Name | 8. US EPA ID Number | D. Transporter's Phone | E. State Transporter's ID

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13909 EAST CHEROKEE DR.
BALLGROUND, GA 30107

10. US EPA ID Number 0 2 8 0 3 9 D - 0 5 L | F. Transporter's Phone | G. State Facility's ID

H. Facility's Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # VC4403			14.01	T	14100
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ____ Solidification ____
Bio Remediation ____

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
Purchase Order #
EMERGENCY CONTACT CORTELLINI 770-271-4628

16. GENERATOR'S CERTIFICATION:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

GENERATOR

Printed/Typed Name 78 Milton, LLC | Signature "On behalf of" | Month Day Year 05 17 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Adam English | Signature | Month Day Year 5 17 06

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed/Typed Name S. Sakushenko | Signature | Month Day Year 05 17 06

M - NHM - 1 - 5/97

#3 - TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

MENT

Designed for use on elite (12-pitch) typewriter.)

RDOUS MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

Name and Mailing Address: 78 MILTON, LLC / 78 MILTON AVE / ATLANTA, GA

A. Manifest Number: WMNA 10279993

B. State Generator's ID

Generator's Phone 404 527-1448

Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: PINE BLUFF LANDFILL / 13603 EAST CHEROKEE DR. / BALLGROUND, GA 30107

10. US EPA ID Number: 0 2 9 0 3 3 D - 1 6 L 1

G. State Facility's ID

H. Facility's Phone: 770-479-2936

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol	I. Misc. Comments
a. NICKEL IMPACTED SOILS WM Profile # 004403			15.67	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ______ Solidification ______

Bio Remediation ______

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

6-34

Purchase Order #

EMERGENCY CONTACT: [illegible] 770-971-4528

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name | Signature "On behalf of" | Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name: [illegible signature-like handwriting] | Signature: [illegible] | Month Day Year: 05 11 06

CWM - NHM - 1 - 5/97

ATTACHMENT B

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 29, 2006

Brent Cortelloni
Rem-Con, LLC
5262 Belle Wood Court
Suite A
Buford, GA 30518
TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton

Order No.: 0603E04

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 12 samples on 3/24/2006 9:55:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. Sample results are not dry weight corrected, unless if Pmoist analysis are requested on the chain of custody or other project specific arrangements have been made.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/06-06/30/07.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 19 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager
Revision: Project name changed at client's request.

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3785 Presidential Pkwy., Atlanta, GA 30340-0370
TEL: (770) 457-8177 / TOLL FREE: (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0603E04

Date: _____ Page 1 of 1

COMPANY: ReM-Con
~~EMA~~ /BC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B Mattellon

SIGNATURE: B. Mattellon

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Nickel	Arsenic	Cadmium	Lead	Chromium	Mercury	REMARKS	No # of Containers
							PRESERVATION							
	BLDG-B-12	3-23-06	10:00	X		Soil	X							
	USP5W3H6-16										X			
	USP3H1-16									X		X		
	SD-05-12						X							
	USP8W4-36-3						X	X	X	X				
	SD-03-12						X					X		
	SD-01-16						X	X		X				
	USP3H1-C									X		X		
	USP3H1-B									X		X		
	BLDG-SW-B3						X							
	USP5W3H6-A										X			
	USP5W3H6-B	↓	12:30	↓		↓					X			

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: B. Mattellon	3/24/06 9:55	1: [illegible]	3/24/06 9:55
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

PO#:

QUOTE/CONTRACT #:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: 80 Milton
PROJECT #: RC-123
FAC ID#:
SITE ADDRESS:
PROJECT MANAGER: B. Mattellon
INVOICE TO:
(IF DIFFERENT FROM ABOVE)

RECEIPT
Total # of Containers

Turnaround Time Request
- [x] Standard 3-5 Business Days
- [ ] Same Day Rush (auth req.)
- [ ] Next Business Day Rush
- [ ] 2 Business Day Rush
- [ ] Other _____

PROGRAM (see codes): _____

DATA PACKAGE: I II (III) IV

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify) NA = None

PROGRAM: FLUST FLDC ALUST TNUST MSUST NCUST SCUST GAUST GACONV FLCONV

White Copy - ORIGINAL; Yellow Copy - LAB; Pink Copy - CLIENT

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Rim-CON /BC Work Order Number C0603E04

Checklist completed by Marcus Pelham 3-24-6
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 2.6°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes ✓	No __
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes __	No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\Checklist.rtf

Analytical Environmental Services, Inc. **Date:** *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab Order: 0603E04

CASE NARRATIVE

Metals Analysis by Method 6010B:

Matrix spike and matrix spike duplicate recoveries for Pb, Ni on sample 0603D73-001B were outside control limits. LCS recovery was within control limits indicating possible matrix interference.

Matrix spike duplicate recovery for Cr on sample 0603D73-001B was outside control limits due to insignificant spike amount as compared to sample concentration. LCS recovery was within control limits.

Cr value for the QC sample 0603D73-001B is "E" qualified indicating an estimated value over linear calibration range due to the level of target analyte present in the unspiked sample.

Change project name to "Milton" per Brent Cortelloni on 9/28/2006.

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Client Sample ID: USP3H1-16
Project: Milton
Collection Date: 3/23/2006 10:00:00 AM
Lab ID: 0603E04-003
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Lead	23.1	4.86		mg/Kg	68960	1	3/28/2006 1:33 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **VA**
Mercury	BRL	0.0986		mg/Kg	69043	1	3/29/2006 11:58 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab ID: 0603E04-008

Client Sample ID: USP3H1-C
Collection Date: 3/23/2006 10:00:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Lead	33.6	4.98		mg/Kg	68960	1	3/28/2006 1:53 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **VA**
Mercury	BRL	0.0980		mg/Kg	69043	1	3/29/2006 11:58 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton
Lab ID: 0603E04-009

Client Sample ID: USP3H1-B
Collection Date: 3/23/2006 10:00:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Lead	36.7	4.94		mg/Kg	68960	1	3/28/2006 1:56 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **VA**
Mercury	BRL	0.0982		mg/Kg	69043	1	3/29/2006 11:58 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT: Rem-Con, LLC
Work Order: 0603E04
Project: Milton

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: MB-68960	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/28/2006	SeqNo: 1607547

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Nickel	BRL	5.00									

Sample ID: LCS-68960	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/28/2006	SeqNo: 1607546

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.6	5.00	50	0	97.2	80	120	0	0		
Cadmium	48.25	2.50	50	0	96.5	80	120	0	0		
Chromium	54.15	2.50	50	0.8281	107	80	120	0	0		
Lead	48.75	5.00	50	0.06369	97.4	80	120	0	0		
Nickel	48.79	5.00	50	0	97.6	80	120	0	0		

Sample ID: 0603D73-001BMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/29/2006	SeqNo: 1609231

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	45.78	4.73	47.26	4.286	87.8	75	125	0	0		
Cadmium	38.04	2.36	47.26	0	80.5	75	125	0	0		
Chromium	4027	2.36	47.26	3990	79.9	75	125	0	0		E
Lead	35.49	4.73	47.26	3.49	67.7	75	125	0	0		S
Nickel	51.77	4.73	47.26	17.94	71.6	75	125	0	0		S

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- BRL Below Reporting Limit
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- N Analyte not NELAC certified

CLIENT: Rem-Con, LLC
Work Order: 0603E04
Project: Milton

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: 0603D73-001BMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 3/27/2006	RunNo: 81212
Client ID:	Batch ID: 68960	TestNo: SW6010B		Analysis Date: 3/29/2006	SeqNo: 1609232

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	46.35	4.76	47.59	4.286	88.4	75	125	45.78	1.25	20	
Cadmium	38.81	2.38	47.59	0	81.6	75	125	38.04	2.00	20	
Chromium	3987	2.38	47.59	3990	-5.46	75	125	4027	1.01	20	SE
Lead	36.12	4.76	47.59	3.49	68.6	75	125	35.49	1.75	20	S
Nickel	51.99	4.76	47.59	17.94	71.5	75	125	51.77	0.431	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E04
Project: Milton

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471A_S

Sample ID: MB-69043	SampType: MBLK	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID:	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1608995

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.100									

Sample ID: LCS-69043	SampType: LCS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID:	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1608999

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3427	0.100	0.4	0	85.7	80	120	0	0		

Sample ID: 0603E04-003AMS	SampType: MS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID: USP3H1-16	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1609007

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.385	0.0982	0.3929	0.01737	93.6	70	130	0	0		

Sample ID: 0603E04-003AMSD	SampType: MSD	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 3/29/2006	RunNo: 81298
Client ID: USP3H1-16	Batch ID: 69043	TestNo: SW7471A		Analysis Date: 3/29/2006	SeqNo: 1609008

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3874	0.0990	0.396	0.01737	93.4	70	130	0.385	0.631	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 29, 2006

Brent Cortelloni
Rem-Con, LLC
5262 Belle Wood Court
Suite A
Buford, GA 30518
TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton Ave

Order No.: 0603E60

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 1 sample on 3/27/2006 11:20:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. Sample results are not dry weight corrected, unless if Pmoist analysis are requested on the chain of custody or other project specific arrangements have been made.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/06-06/30/07.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 9 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager
Revision: Project name changed at client's request.

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0603E60

Date: _____ Page _____ of _____

COMPANY: RCM-CON/BC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Costelloni

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	TCLP metals pH	PRESERVATION (See codes)	REMARKS	No # of Containers
1	Stockpile	3-27-06	10:30		X		X	X		
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	3-27-06	1:	3/27/06 11:20
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: 90 Milton Ave

PROJECT #: RC-723

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers

Turnaround Time Request
- Standard 5 Business Days
- 2 Business Day Rush
- Next Business Day Rush
- Same Day Rush (auth req.)
- Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER _____

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client REM-CON / BC Work Order Number 0603E60

Checklist completed by Marcus D Robinson 3-27-6
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 3.6°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes ✓	No __
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes __	No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\Checklist.rtf

Analytical Environmental Services, Inc. **Date:** *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton Ave
Lab Order: 0603E60

CASE NARRATIVE

Per Brent Cortelloni, analyze TCLP for RCRA metals. 3/28/2006

Change project name to "Milton Ave" per Brent Cortelloni on 9/28/2006.

Analytical Environmental Services, Inc.

Date: *29-Sep-06*

CLIENT: Rem-Con, LLC
Project: Milton Ave
Lab ID: 0603E60-001

Client Sample ID: Stockpile
Collection Date: 3/23/2006 12:30:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MERCURY, TCLP		**SW1311/7470A**			**(SW7470A)**		Analyst: **AO**
Mercury	BRL	0.00400		mg/L	69144	1	3/31/2006 2:36 PM
ICP METALS, TCLP		**SW1311/6010B**			**(SW3010A)**		Analyst: **VA**
Arsenic	BRL	0.250		mg/L	69077	1	3/30/2006 12:33 PM
Barium	1.13	0.500		mg/L	69077	1	3/30/2006 12:33 PM
Cadmium	BRL	0.0250		mg/L	69077	1	3/30/2006 12:33 PM
Chromium	BRL	0.0500		mg/L	69077	1	3/30/2006 12:33 PM
Lead	BRL	0.0500		mg/L	69077	1	3/30/2006 12:33 PM
Selenium	BRL	0.100		mg/L	69077	1	3/30/2006 12:33 PM
Silver	BRL	0.0250		mg/L	69077	1	3/30/2006 12:33 PM
LABORATORY PH		**SW9045C**			**(SW9045C)**		Analyst: **EK**
pH	06.54	0.01		pH Units	69025	1	3/28/2006 5:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 1311_HG

Sample ID: MB-69144	SampType: MBLK	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID:	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611709

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.00400									

Sample ID: LCS-69144	SampType: LCS	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID:	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611710

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.03947	0.00400	0.04	0	98.7	80	120	0	0		

Sample ID: 0603E60-001AMS	SampType: MS	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID: Stockpile	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611712

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.03956	0.00400	0.04	0	98.9	80	120	0	0		

Sample ID: 0603E60-001AMSD	SampType: MSD	TestCode: 1311_HG	Units: mg/L	Prep Date: 3/31/2006	RunNo: 81434
Client ID: Stockpile	Batch ID: 69144	TestNo: SW1311/7470		Analysis Date: 3/31/2006	SeqNo: 1611713

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.03933	0.00400	0.04	0	98.3	80	120	0.03956	0.587	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 1311_M

Sample ID: MB-69077	SampType: MBLK	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID:	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609961

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250									
Barium	BRL	0.500									
Cadmium	BRL	0.0250									
Chromium	BRL	0.0500									
Lead	BRL	0.0500									
Silver	BRL	0.0250									

Sample ID: LCS-69077	SampType: LCS	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID:	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609960

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.095	0.250	5	0	102	85	115	0	0		*
Barium	4.914	0.500	5	0.02424	97.8	80	120	0	0		
Cadmium	5.048	0.0250	5	0	101	85	115	0	0		*
Chromium	4.967	0.0500	5	0	99.3	85	115	0	0		
Lead	4.964	0.0500	5	0	99.3	85	115	0	0		
Silver	0.5037	0.0250	0.5	0	101	85	115	0	0		

Sample ID: 0603E60-001AMS	SampType: MS	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID: Stockpile	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609963

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.041	0.250	5	0	101	50	150	5.041	0	0	*
Barium	5.734	0.500	5	1.135	92	50	150	5.734	0	0	
Cadmium	4.982	0.0250	5	0	99.6	50	150	4.982	0	0	*
Chromium	4.865	0.0500	5	0	97.3	50	150	4.865	0	0	
Lead	4.923	0.0500	5	0.04744	97.5	50	150	4.923	0	0	
Selenium	5.183	0.100	5	0	104	50	150	5.183	0	0	*
Silver	0.4956	0.0250	0.5	0	99.1	50	150	0.4956	0	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 1311_M

Sample ID: 0603E60-001AMSD	SampType: MSD	TestCode: 1311_M	Units: mg/L	Prep Date: 3/30/2006	RunNo: 81342
Client ID: Stockpile	Batch ID: 69077	TestNo: SW1311/6010		Analysis Date: 3/30/2006	SeqNo: 1609964

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.053	0.250	5	0	101	50	150	0	0		*
Barium	5.691	0.500	5	1.135	91.1	50	150	0	0		
Cadmium	4.936	0.0250	5	0	98.7	50	150	0	0		*
Chromium	4.817	0.0500	5	0	96.3	50	150	0	0		
Lead	4.947	0.0500	5	0.04744	98	50	150	0	0		
Selenium	5.167	0.100	5	0	103	50	150	0	0		*
Silver	0.4953	0.0250	0.5	0	99.1	50	150	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Rem-Con, LLC
Work Order: 0603E60
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045C

Sample ID: LCS-69025	SampType: LCS	TestCode: 9045C	Units: pH Units	Prep Date: 3/28/2006	RunNo: 81225
Client ID:	Batch ID: 69025	TestNo: SW9045C		Analysis Date: 3/28/2006	SeqNo: 1608094

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.03	0.01000	7	0	100	90	110	0	0		

Sample ID: 0603E77-001B DUP	SampType: DUP	TestCode: 9045C	Units: pH Units	Prep Date: 3/28/2006	RunNo: 81225
Client ID:	Batch ID: 69025	TestNo: SW9045C		Analysis Date: 3/28/2006	SeqNo: 1607733

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	4.48	0.01000	0	0	0	0	0	4.6	2.64	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

APPENDIX D

ANALYTICAL LABORATORY REPORTS (2013/2014)

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

August 15, 2013

Brent Cortelloni
Rem-Con, LLC
5262 Belle Wood Court
Buford GA 30518

TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton Ave

Dear Brent Cortelloni: Order No: 1308955

Analytical Environmental Services, Inc. received 24 samples on 8/12/2013 1:10:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Mirzeta Kararic

Mirzeta Kararic
Project Manager

...TAL SERVICES, INC
...lanta GA 30340-3704
... / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 130F955

Date: _____ Page _____ of _____

~~EA~~ REM-ON

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Lorkellen

SIGNATURE:

ANALYSIS REQUESTED

Cadmium, Lead, Mercury

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	B2-Base	9-12-13	10:30	X		S	X		
2	B2-A		10:33				X		
3	B		10:36				X		
4	C		10:38				X		
5	D		10:41				X		
6	D3-Base		10:00				X		
7	D3-A		10:02				X		
8	B		10:04				X		
9	C		10:08				X		
10	D		10:09				X		
11	D1-Base		10:50				X		
12	D1-A		10:52				X		
13	B		10:54				X		
14	C		10:56				X		

Give ASAP

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	8-12-13/1:10	1:	8-12-13 1:10
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Milton Ave

PROJECT #:

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO:
(IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request

- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ⊘ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1308955

Date: _____ Page _____ of _____

COMPANY: REM-TOX

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Castellow

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS
1	D4- Base	8-12-13		G		S		
2	D4- A							
3	B							
4	C							
5	D							
6	D2- Base							
7	D2- AA							
8	BBB							
9	DD							
10	EE							
11								
12								
13								
14								

ANALYSIS REQUESTED: Cadmium; Lead; Mercury

PRESERVATION (See codes): X X X X X X X X X X

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

REMARKS: Same Day TAT

No # of Containers

RELINQUISHED BY: 1: _____ DATE/TIME: 8-12-13 1:10

RECEIVED BY: 1: _____ DATE/TIME: 8-12-13 1:10p

2: 3:

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Milton Ave
PROJECT #:
SITE ADDRESS:
SEND REPORT TO:
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
Standard 5 Business Days
2 Business Day Rush
Next Business Day Rush
Same Day Rush (auth req.)
Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 15-Aug-13

Client: Rem-Con, LLC
Project: Milton Ave
Lab ID: 1308955

Case Narrative

Per Brent Cortelloni via email 8/12/2013, samples B2-Base, D3-Base, and D2-Base were analyzed for pH.

Due to the time required for analysis, samples could not be analyzed at same Day TAT. Brent Cortelloni was notified via phone that results would be reported as soon as possible at Next Day TAT.

pH Analysis by Method SW9045D:

Samples for pH analysis by Method SW9045D were received and analyzed outside of the holding time requirement of "immediate or 15 minutes".

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	B2-BASE
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:30:00 AM
Lab ID:	1308955-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Laboratory Hydrogen Ion (pH) SW9045D					**(SW9045D)**			
pH	6.57	0.01	H	pH Units	179764	1	08/13/2013 12:45	MG
METALS, TOTAL SW6010C					**(SW3050B)**			
Cadmium	BRL	3.10		mg/Kg-dry	179717	1	08/13/2013 10:59	MR
PERCENT MOISTURE D2216								
Percent Moisture	22.0	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	B2-A
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:33:00 AM
Lab ID:	1308955-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Cadmium	BRL	3.05		mg/Kg-dry	179717	1	08/13/2013 11:24	MR
PERCENT MOISTURE D2216								
Percent Moisture	20.8	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	B2-B
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:36:00 AM
Lab ID:	1308955-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Cadmium	BRL	3.04		mg/Kg-dry	179717	1	08/13/2013 11:27	MR
PERCENT MOISTURE D2216								
Percent Moisture	20.0	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	B2-C
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:38:00 AM
Lab ID:	1308955-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Cadmium	BRL	3.10		mg/Kg-dry	179717	1	08/13/2013 11:31	MR
PERCENT MOISTURE D2216								
Percent Moisture	22.9	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	B2-D
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:41:00 AM
Lab ID:	1308955-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Cadmium	BRL	3.10		mg/Kg-dry	179717	1	08/13/2013 11:35	MR
PERCENT MOISTURE D2216								
Percent Moisture	19.7	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D3-BASE
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:00:00 AM
Lab ID:	1308955-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.118		mg/Kg-dry	179719	1	08/13/2013 11:28	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	6.00	0.01	H	pH Units	179764	1	08/13/2013 12:45	MG
METALS, TOTAL SW6010C				**(SW3050B)**				
Cadmium	BRL	2.81		mg/Kg-dry	179717	1	08/13/2013 11:39	MR
PERCENT MOISTURE D2216								
Percent Moisture	16.5	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D3-A
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:02:00 AM
Lab ID:	1308955-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.117		mg/Kg-dry	179719	1	08/13/2013 11:37	CG
METALS, TOTAL SW6010C				**(SW3050B)**				
Cadmium	BRL	2.92		mg/Kg-dry	179717	1	08/13/2013 11:42	MR
PERCENT MOISTURE D2216								
Percent Moisture	16.0	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D3-B
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:04:00 AM
Lab ID:	1308955-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.128		mg/Kg-dry	179719	1	08/13/2013 11:39	CG
METALS, TOTAL SW6010C				**(SW3050B)**				
Cadmium	BRL	3.24		mg/Kg-dry	179717	1	08/13/2013 11:46	MR
PERCENT MOISTURE D2216								
Percent Moisture	23.1	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D3-C
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:08:00 AM
Lab ID:	1308955-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.124		mg/Kg-dry	179719	1	08/13/2013 11:41	CG
METALS, TOTAL SW6010C				**(SW3050B)**				
Cadmium	BRL	3.09		mg/Kg-dry	179717	1	08/13/2013 11:50	MR
PERCENT MOISTURE D2216								
Percent Moisture	21.0	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D3-D
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:09:00 AM
Lab ID:	1308955-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.117		mg/Kg-dry	179719	1	08/13/2013 11:48	CG
METALS, TOTAL SW6010C				**(SW3050B)**				
Cadmium	BRL	2.88		mg/Kg-dry	179717	1	08/13/2013 11:54	MR
PERCENT MOISTURE D2216								
Percent Moisture	14.4	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D1-BASE
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:50:00 AM
Lab ID:	1308955-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Cadmium	BRL	3.10		mg/Kg-dry	179717	1	08/13/2013 11:57	MR
Lead	15.4	6.19		mg/Kg-dry	179717	1	08/13/2013 11:57	MR
PERCENT MOISTURE D2216								
Percent Moisture	20.9	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D1-A
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:54:00 AM
Lab ID:	1308955-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Cadmium	BRL	2.93		mg/Kg-dry	179717	1	08/13/2013 12:08	MR
Lead	13.2	5.86		mg/Kg-dry	179717	1	08/13/2013 12:08	MR
PERCENT MOISTURE D2216								
Percent Moisture	19.7	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D1-B
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:54:00 AM
Lab ID:	1308955-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Cadmium	BRL	3.06		mg/Kg-dry	179717	1	08/13/2013 12:11	MR
Lead	12.3	6.13		mg/Kg-dry	179717	1	08/13/2013 12:11	MR
PERCENT MOISTURE D2216								
Percent Moisture	18.5	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D1-C
Project Name:	Milton Ave	**Collection Date:**	8/12/2013 10:56:00 AM
Lab ID:	1308955-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Cadmium	BRL	2.82		mg/Kg-dry	179717	1	08/13/2013 12:15	MR
Lead	13.1	5.63		mg/Kg-dry	179717	1	08/13/2013 12:15	MR
PERCENT MOISTURE D2216								
Percent Moisture	18.8	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D4-BASE
Project Name:	Milton Ave	**Collection Date:**	8/12/2013
Lab ID:	1308955-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	124	7.32		mg/Kg-dry	179717	1	08/13/2013 12:19	MR
PERCENT MOISTURE D2216								
Percent Moisture	32.0	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D4-A
Project Name:	Milton Ave	**Collection Date:**	8/12/2013
Lab ID:	1308955-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	118	6.63		mg/Kg-dry	179717	1	08/13/2013 12:23	MR
PERCENT MOISTURE D2216								
Percent Moisture	25.4	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:	* Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
	BRL Below reporting limit	S	Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr	See case narrative
	N Analyte not NELAC certified	NC	Not confirmed
	B Analyte detected in the associated method blank	<	Less than Result value
	> Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D4-B
Project Name:	Milton Ave	**Collection Date:**	8/12/2013
Lab ID:	1308955-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	213	7.15		mg/Kg-dry	179717	1	08/13/2013 12:27	MR
PERCENT MOISTURE D2216								
Percent Moisture	30.9	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D4-C
Project Name:	Milton Ave	**Collection Date:**	8/12/2013
Lab ID:	1308955-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	21.8	6.42		mg/Kg-dry	179717	1	08/13/2013 12:31	MR
PERCENT MOISTURE D2216								
Percent Moisture	23.6	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D4-D
Project Name:	Milton Ave	**Collection Date:**	8/12/2013
Lab ID:	1308955-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	43.7	6.51		mg/Kg-dry	179717	1	08/13/2013 12:34	MR
PERCENT MOISTURE D2216								
Percent Moisture	27.6	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D2-BASE
Project Name:	Milton Ave	**Collection Date:**	8/12/2013
Lab ID:	1308955-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	0.196	0.129		mg/Kg-dry	179719	1	08/13/2013 11:50	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	7.69	0.01	H	pH Units	179764	1	08/13/2013 12:45	MG
METALS, TOTAL SW6010C				**(SW3050B)**				
Cadmium	BRL	3.20		mg/Kg-dry	179717	1	08/13/2013 12:38	MR
Lead	30.8	6.41		mg/Kg-dry	179717	1	08/13/2013 12:38	MR
PERCENT MOISTURE D2216								
Percent Moisture	23.3	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D2-AA
Project Name:	Milton Ave	**Collection Date:**	8/12/2013
Lab ID:	1308955-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.134		mg/Kg-dry	179719	1	08/13/2013 11:52	CG
METALS, TOTAL SW6010C				**(SW3050B)**				
Cadmium	BRL	3.28		mg/Kg-dry	179718	1	08/13/2013 09:58	MR
PERCENT MOISTURE D2216								
Percent Moisture	25.3	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D2-BBB
Project Name:	Milton Ave	**Collection Date:**	8/12/2013
Lab ID:	1308955-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.134		mg/Kg-dry	179719	1	08/13/2013 11:55	CG
METALS, TOTAL SW6010C				**(SW3050B)**				
Cadmium	BRL	3.28		mg/Kg-dry	179718	1	08/13/2013 10:19	MR
Lead	21.4	6.56		mg/Kg-dry	179718	1	08/13/2013 10:19	MR
PERCENT MOISTURE D2216								
Percent Moisture	25.8	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D2-DD
Project Name:	Milton Ave	**Collection Date:**	8/12/2013
Lab ID:	1308955-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.122		mg/Kg-dry	179719	1	08/13/2013 11:57	CG
METALS, TOTAL SW6010C				**(SW3050B)**				
Cadmium	BRL	3.08		mg/Kg-dry	179718	1	08/13/2013 10:23	MR
Lead	36.9	6.17		mg/Kg-dry	179718	1	08/13/2013 10:23	MR
PERCENT MOISTURE D2216								
Percent Moisture	19.3	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	D2-EE
Project Name:	Milton Ave	**Collection Date:**	8/12/2013
Lab ID:	1308955-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	0.408	0.133		mg/Kg-dry	179719	1	08/13/2013 11:59	CG
METALS, TOTAL SW6010C				**(SW3050B)**				
Cadmium	BRL	3.26		mg/Kg-dry	179718	1	08/13/2013 10:35	MR
Lead	79.1	6.52		mg/Kg-dry	179718	1	08/13/2013 10:35	MR
PERCENT MOISTURE D2216								
Percent Moisture	25.5	0		wt%	R249829	1	08/13/2013 13:13	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Rea Con Work Order Number 1304955

Checklist completed by MJe 4/12/13
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.1° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Rem-Con, LLC
Project: Milton Ave
Lab Order: 1308955

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1308955-001A	B2-BASE	8/12/2013 10:30:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-001A	B2-BASE	8/12/2013 10:30:00AM	Soil	Laboratory Hydrogen Ion (pH)		08/13/2013	08/13/2013
1308955-001A	B2-BASE	8/12/2013 10:30:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-002A	B2-A	8/12/2013 10:33:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-002A	B2-A	8/12/2013 10:33:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-003A	B2-B	8/12/2013 10:36:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-003A	B2-B	8/12/2013 10:36:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-004A	B2-C	8/12/2013 10:38:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-004A	B2-C	8/12/2013 10:38:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-005A	B2-D	8/12/2013 10:41:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-005A	B2-D	8/12/2013 10:41:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-006A	D3-BASE	8/12/2013 10:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-006A	D3-BASE	8/12/2013 10:00:00AM	Soil	MERCURY		08/13/2013	08/13/2013
1308955-006A	D3-BASE	8/12/2013 10:00:00AM	Soil	Laboratory Hydrogen Ion (pH)		08/13/2013	08/13/2013
1308955-006A	D3-BASE	8/12/2013 10:00:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-007A	D3-A	8/12/2013 10:02:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-007A	D3-A	8/12/2013 10:02:00AM	Soil	MERCURY		08/13/2013	08/13/2013
1308955-007A	D3-A	8/12/2013 10:02:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-008A	D3-B	8/12/2013 10:04:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-008A	D3-B	8/12/2013 10:04:00AM	Soil	MERCURY		08/13/2013	08/13/2013
1308955-008A	D3-B	8/12/2013 10:04:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-009A	D3-C	8/12/2013 10:08:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-009A	D3-C	8/12/2013 10:08:00AM	Soil	MERCURY		08/13/2013	08/13/2013
1308955-009A	D3-C	8/12/2013 10:08:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-010A	D3-D	8/12/2013 10:09:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-010A	D3-D	8/12/2013 10:09:00AM	Soil	MERCURY		08/13/2013	08/13/2013
1308955-010A	D3-D	8/12/2013 10:09:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-011A	D1-BASE	8/12/2013 10:50:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-011A	D1-BASE	8/12/2013 10:50:00AM	Soil	PERCENT MOISTURE			08/13/2013

Analytical Environmental Services, Inc

Date: 15-Aug-13

Client: Rem-Con, LLC
Project: Milton Ave
Lab Order: 1308955

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1308955-012A	D1-A	8/12/2013 10:54:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-012A	D1-A	8/12/2013 10:54:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-013A	D1-B	8/12/2013 10:54:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-013A	D1-B	8/12/2013 10:54:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-014A	D1-C	8/12/2013 10:56:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-014A	D1-C	8/12/2013 10:56:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-015A	D4-BASE	8/12/2013 12:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-015A	D4-BASE	8/12/2013 12:00:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-016A	D4-A	8/12/2013 12:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-016A	D4-A	8/12/2013 12:00:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-017A	D4-B	8/12/2013 12:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-017A	D4-B	8/12/2013 12:00:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-018A	D4-C	8/12/2013 12:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-018A	D4-C	8/12/2013 12:00:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-019A	D4-D	8/12/2013 12:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-019A	D4-D	8/12/2013 12:00:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-020A	D2-BASE	8/12/2013 12:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-020A	D2-BASE	8/12/2013 12:00:00AM	Soil	MERCURY		08/13/2013	08/13/2013
1308955-020A	D2-BASE	8/12/2013 12:00:00AM	Soil	Laboratory Hydrogen Ion (pH)		08/13/2013	08/13/2013
1308955-020A	D2-BASE	8/12/2013 12:00:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-021A	D2-AA	8/12/2013 12:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-021A	D2-AA	8/12/2013 12:00:00AM	Soil	MERCURY		08/13/2013	08/13/2013
1308955-021A	D2-AA	8/12/2013 12:00:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-022A	D2-BBB	8/12/2013 12:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-022A	D2-BBB	8/12/2013 12:00:00AM	Soil	MERCURY		08/13/2013	08/13/2013
1308955-022A	D2-BBB	8/12/2013 12:00:00AM	Soil	PERCENT MOISTURE			08/13/2013
1308955-023A	D2-DD	8/12/2013 12:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-023A	D2-DD	8/12/2013 12:00:00AM	Soil	MERCURY		08/13/2013	08/13/2013
1308955-023A	D2-DD	8/12/2013 12:00:00AM	Soil	PERCENT MOISTURE			08/13/2013

Client: Rem-Con, LLC
Project: Milton Ave
Lab Order: 1308955

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1308955-024A	D2-EE	8/12/2013 12:00:00AM	Soil	TOTAL METALS BY ICP		08/12/2013	08/13/2013
1308955-024A	D2-EE	8/12/2013 12:00:00AM	Soil	MERCURY		08/13/2013	08/13/2013
1308955-024A	D2-EE	8/12/2013 12:00:00AM	Soil	PERCENT MOISTURE			08/13/2013

Client: Rem-Con, LLC
Project Name: Milton Ave
Workorder: 1308955

ANALYTICAL QC SUMMARY REPORT

BatchID: 179717

Sample ID: **MB-179717**	Client ID:			Units: **mg/Kg**	Prep Date: **08/12/2013**	Run No: **249815**
SampleType: **MBLK**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179717**	Analysis Date: **08/13/2013**	Seq No: **5236286**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cadmium	BRL	2.50									
Lead	BRL	5.00									

Sample ID: **LCS-179717**	Client ID:			Units: **mg/Kg**	Prep Date: **08/12/2013**	Run No: **249815**
SampleType: **LCS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179717**	Analysis Date: **08/13/2013**	Seq No: **5236285**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cadmium	48.00	2.50	50.00	0.08521	95.8	80	120				
Lead	50.77	5.00	50.00	0.1093	101	80	120				

Sample ID: **1308955-001AMS**	Client ID: **B2-BASE**			Units: **mg/Kg-dry**	Prep Date: **08/12/2013**	Run No: **249815**
SampleType: **MS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179717**	Analysis Date: **08/13/2013**	Seq No: **5236289**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cadmium	57.41	3.10	61.93		92.7	75	125				
Lead	77.91	6.19	61.93	24.59	86.1	75	125				

Sample ID: **1308955-001AMSD**	Client ID: **B2-BASE**			Units: **mg/Kg-dry**	Prep Date: **08/12/2013**	Run No: **249815**
SampleType: **MSD**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179717**	Analysis Date: **08/13/2013**	Seq No: **5236290**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cadmium	56.26	3.08	61.63		91.3	75	125	57.41	2.02	20	
Lead	76.57	6.16	61.63	24.59	84.3	75	125	77.91	1.74	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Rem-Con, LLC
Project Name: Milton Ave
Workorder: 1308955

ANALYTICAL QC SUMMARY REPORT

BatchID: 179718

Sample ID: **MB-179718**	Client ID:			Units: **mg/Kg**	Prep Date: **08/12/2013**	Run No: **249809**
SampleType: **MBLK**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179718**	Analysis Date: **08/13/2013**	Seq No: **5236211**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cadmium	BRL	2.50									
Lead	BRL	5.00									

Sample ID: **LCS-179718**	Client ID:			Units: **mg/Kg**	Prep Date: **08/12/2013**	Run No: **249809**
SampleType: **LCS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179718**	Analysis Date: **08/13/2013**	Seq No: **5236210**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cadmium	49.21	2.50	50.00		98.4	80	120				
Lead	51.43	5.00	50.00	0.1366	103	80	120				

Sample ID: **1308955-021AMS**	Client ID: **D2-AA**			Units: **mg/Kg-dry**	Prep Date: **08/12/2013**	Run No: **249809**
SampleType: **MS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179718**	Analysis Date: **08/13/2013**	Seq No: **5236213**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cadmium	64.44	3.28	65.56		98.3	75	125				
Lead	85.97	6.56	65.56	19.67	101	75	125				

Sample ID: **1308955-021AMSD**	Client ID: **D2-AA**			Units: **mg/Kg-dry**	Prep Date: **08/12/2013**	Run No: **249809**
SampleType: **MSD**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179718**	Analysis Date: **08/13/2013**	Seq No: **5236214**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cadmium	61.99	3.26	65.23		95.0	75	125	64.44	3.88	20	
Lead	88.20	6.52	65.23	19.67	105	75	125	85.97	2.56	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Rem-Con, LLC
Project Name: Milton Ave
Workorder: 1308955

ANALYTICAL QC SUMMARY REPORT

BatchID: 179719

Sample ID: **MB-179719**	Client ID:			Units: **mg/Kg**	Prep Date: **08/13/2013**	Run No: **249822**
SampleType: **MBLK**	TestCode: **TOTAL MERCURY** **SW7471B**			BatchID: **179719**	Analysis Date: **08/13/2013**	Seq No: **5236397**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100									

Sample ID: **LCS-179719**	Client ID:			Units: **mg/Kg**	Prep Date: **08/13/2013**	Run No: **249822**
SampleType: **LCS**	TestCode: **TOTAL MERCURY** **SW7471B**			BatchID: **179719**	Analysis Date: **08/13/2013**	Seq No: **5236398**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.3990	0.100	0.4000		99.7	80	120				

Sample ID: **1308955-006AMS**	Client ID: **D3-BASE**			Units: **mg/Kg-dry**	Prep Date: **08/13/2013**	Run No: **249822**
SampleType: **MS**	TestCode: **TOTAL MERCURY** **SW7471B**			BatchID: **179719**	Analysis Date: **08/13/2013**	Seq No: **5236400**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.5268	0.118	0.4725	0.04841	101	70	130				

Sample ID: **1308955-006AMSD**	Client ID: **D3-BASE**			Units: **mg/Kg-dry**	Prep Date: **08/13/2013**	Run No: **249822**
SampleType: **MSD**	TestCode: **TOTAL MERCURY** **SW7471B**			BatchID: **179719**	Analysis Date: **08/13/2013**	Seq No: **5236402**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.5396	0.118	0.4715	0.04841	104	70	130	0.5268	2.40	30	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Rem-Con, LLC
Project Name: Milton Ave
Workorder: 1308955

ANALYTICAL QC SUMMARY REPORT

BatchID: 179764

Sample ID: **LCS-179764**	Client ID:		Units: **pH Units**	Prep Date: **08/13/2013**	Run No: **249835**
SampleType: **LCS**	TestCode: **Laboratory Hydrogen Ion (pH) SW9045D**		BatchID: **179764**	Analysis Date: **08/13/2013**	Seq No: **5236654**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	7.050	0.01	7.000		101	90	110				

Sample ID: **1308955-001ADUP**	Client ID: **B2-BASE**		Units: **pH Units**	Prep Date: **08/13/2013**	Run No: **249835**
SampleType: **DUP**	TestCode: **Laboratory Hydrogen Ion (pH) SW9045D**		BatchID: **179764**	Analysis Date: **08/13/2013**	Seq No: **5236662**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	6.550	0.01						6.570	0.305	10	H

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 02, 2013

Brent Cortelloni
Environmental Management Associates, LLC
5262 Belle Wood Court
Buford Georgi30518

TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton Ave

Dear Brent Cortelloni: Order No: 1311H55

Analytical Environmental Services, Inc. received 4 samples on November 21, 2013 9:50 pm for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Mirzeta Kararic

Mirzeta Kararic
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1311H55

Date: _____ Page _____ of _____

COMPANY: EMA/BC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Corbellini

SIGNATURE:

ANALYSIS REQUESTED: Pb, Ni, Cr

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	DSL-01	11-21-13	8:00	X		S	X	Lead	
2	02		8:10					Nickel	
3	03		9:26					Chromium	
4	04		9:38						
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	11-21-13/9:50	1:	11/21/13 9:50
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Milton Ave

PROJECT #: 581

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO:
(IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request
- Standard 5 Business Days
- 2 Business Day Rush
- Next Business Day Rush
- Same Day Rush **(auth req.)**
- Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / /

IN / /

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 2-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	DEL-01
Project Name:	Milton Ave	**Collection Date:**	11/21/2013 8:00:00 AM
Lab ID:	1311H55-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C				**(SW3050B)**				
Chromium	41.2	2.54		mg/Kg-dry	184072	1	11/30/2013 19:03	TA
Lead	44.1	5.08		mg/Kg-dry	184072	1	11/30/2013 19:03	TA
Nickel	18.8	5.08		mg/Kg-dry	184072	1	11/30/2013 19:03	TA
PERCENT MOISTURE D2216								
Percent Moisture	8.70	0		wt%	R256735	1	11/27/2013 09:30	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	DEL-02
Project Name:	Milton Ave	**Collection Date:**	11/21/2013 8:10:00 AM
Lab ID:	1311H55-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Chromium	21.8	2.68		mg/Kg-dry	184072	1	11/30/2013 19:05	TA
Lead	126	5.36		mg/Kg-dry	184072	1	11/30/2013 19:05	TA
Nickel	27.6	5.36		mg/Kg-dry	184072	1	11/30/2013 19:05	TA
PERCENT MOISTURE D2216								
Percent Moisture	15.0	0		wt%	R256735	1	11/27/2013 09:30	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	DEL-03
Project Name:	Milton Ave	**Collection Date:**	11/21/2013 8:26:00 AM
Lab ID:	1311H55-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Chromium	42.3	2.84		mg/Kg-dry	184072	1	11/30/2013 19:07	TA
Lead	137	5.69		mg/Kg-dry	184072	1	11/30/2013 19:07	TA
Nickel	20.9	5.69		mg/Kg-dry	184072	1	11/30/2013 19:07	TA
PERCENT MOISTURE D2216								
Percent Moisture	13.6	0		wt%	R256735	1	11/27/2013 09:30	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	DEL-04
Project Name:	Milton Ave	**Collection Date:**	11/21/2013 8:28:00 AM
Lab ID:	1311H55-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Chromium	45.0	2.98		mg/Kg-dry	184072	1	11/30/2013 19:09	TA
Lead	16.5	5.95		mg/Kg-dry	184072	1	11/30/2013 19:09	TA
Nickel	19.1	5.95		mg/Kg-dry	184072	1	11/30/2013 19:09	TA
PERCENT MOISTURE D2216								
Percent Moisture	22.9	0		wt%	R256735	1	11/27/2013 09:30	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA/BC Work Order Number 1311455

Checklist completed by [signature] 11/22/13
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.2°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Environmental Management Associates, LLC
Project Name: Milton Ave
Workorder: 1311H55

ANALYTICAL QC SUMMARY REPORT

BatchID: 184072

Sample ID: **MB-184072** Client ID: Units: **mg/Kg** Prep Date: **11/27/2013** Run No: **256844**
SampleType: **MBLK** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **184072** Analysis Date: **11/30/2013** Seq No: **5395372**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	BRL	2.50									
Lead	BRL	5.00									
Nickel	BRL	5.00									

Sample ID: **LCS-184072** Client ID: Units: **mg/Kg** Prep Date: **11/27/2013** Run No: **256844**
SampleType: **LCS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **184072** Analysis Date: **11/30/2013** Seq No: **5395371**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	50.04	2.50	50.00	0.2198	99.6	80	120				
Lead	50.20	5.00	50.00		100	80	120				
Nickel	49.37	5.00	50.00	0.08230	98.6	80	120				

Sample ID: **1311H67-016AMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/27/2013** Run No: **256844**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **184072** Analysis Date: **11/30/2013** Seq No: **5395375**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	51.04	2.61	52.16	6.907	84.6	75	125				
Lead	50.75	5.22	52.16	2.168	93.1	75	125				
Nickel	46.33	5.22	52.16	0.1465	88.5	75	125				

Sample ID: **1311H67-016AMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/27/2013** Run No: **256844**
SampleType: **MSD** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **184072** Analysis Date: **11/30/2013** Seq No: **5395377**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	55.22	2.60	52.06	6.907	92.8	75	125	51.04	7.86	20	
Lead	51.96	5.21	52.06	2.168	95.6	75	125	50.75	2.35	20	
Nickel	49.63	5.21	52.06	0.1465	95.0	75	125	46.33	6.88	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 06, 2013

Brent Cortelloni
Environmental Management Associates, LLC
5262 Belle Wood Court
Buford Georgi30518

TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton Ave

Dear Brent Cortelloni: Order No: 1311N73

Analytical Environmental Services, Inc. received 4 samples on 11/29/2013 12:00:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Mirzeta Kararic

Mirzeta Kararic
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

MC 12/2/13
Work Order: ~~13111022~~ 1311N73

Date: _____ Page _____ of _____

COMPANY: EMA/BC
ADDRESS:
PHONE:
FAX:
SAMPLED BY: BCorbett, KSchuller
SIGNATURE:

ANALYSIS REQUESTED: Total Nickel

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	MW-4	11-29-13	1130	X		GW	N		4
2	MW-5		1113				N		4
3	MW-6		1030				N		4
4	MW-3D		1042				N		4
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY: DATE/TIME
1: 11-29-13
2:
3:

RECEIVED BY: DATE/TIME
1: 11/29/13
2: 12:00
3:

PROJECT INFORMATION
PROJECT NAME: Milton Ave
PROJECT #: ~~5581~~ 5581
SITE ADDRESS:
SEND REPORT TO:
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: _____ PO#: _____

RECEIPT
Total # of Containers

Turnaround Time Request
X Standard 5 Business Days
O 2 Business Day Rush
O Next Business Day Rush
O Same Day Rush (auth req.)
O Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 6-Dec-13

Client: Environmental Management Associates, LLC
Project: Milton Ave
Lab ID: 1311N73

Case Narrative

Sample Receiving Nonconformance:

Sample1311N73-004a as received did not meet method specified pH range for the requested test method. No attempt to further adjust the pH was made due to sample matrix.

Analytical Environmental Services, Inc **Date:** 6-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-4
Project Name:	Milton Ave	**Collection Date:**	11/29/2013 11:30:00 AM
Lab ID:	1311N73-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C					**(SW3010A)**			
Nickel	0.0821	0.0200		mg/L	184391	1	12/03/2013 22:39	TA

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-5
Project Name:	Milton Ave	**Collection Date:**	11/29/2013 11:13:00 AM
Lab ID:	1311N73-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3010A)								
Nickel	BRL	0.0200		mg/L	184391	1	12/03/2013 23:09	TA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-6
Project Name:	Milton Ave	**Collection Date:**	11/29/2013 10:30:00 AM
Lab ID:	1311N73-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3010A)								
Nickel	BRL	0.0200		mg/L	184391	1	12/03/2013 23:12	TA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 6-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-3D
Project Name:	Milton Ave	**Collection Date:**	11/29/2013 10:42:00 AM
Lab ID:	1311N73-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3010A)								
Nickel	BRL	0.0200		mg/L	184391	1	12/03/2013 23:16	TA

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA-IBC

Work Order Number 1311N73 13HN02 11.30.13

Checklist completed by Andrew 11/29/13
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.1 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No ✓ Not Applicable __

Adjusted? _____ Checked by Ø

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Environmental Management Associates, LLC
Project Name: Milton Ave
Workorder: 1311N73

ANALYTICAL QC SUMMARY REPORT

BatchID: 184391

Sample ID: **MB-184391**	Client ID:			Units: **mg/L**	Prep Date: **12/03/2013**	Run No: **257014**
SampleType: **MBLK**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **184391**	Analysis Date: **12/03/2013**	Seq No: **5399981**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	BRL	0.0200									

Sample ID: **LCS-184391**	Client ID:			Units: **mg/L**	Prep Date: **12/03/2013**	Run No: **257014**
SampleType: **LCS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **184391**	Analysis Date: **12/03/2013**	Seq No: **5399976**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	0.9844	0.0200	1.000		98.4	80	120				

Sample ID: **1311N73-001AMS**	Client ID: **MW-4**			Units: **mg/L**	Prep Date: **12/03/2013**	Run No: **257014**
SampleType: **MS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **184391**	Analysis Date: **12/03/2013**	Seq No: **5400009**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	1.002	0.0200	1.000	0.08215	92.0	75	125				

Sample ID: **1311N73-001AMSD**	Client ID: **MW-4**			Units: **mg/L**	Prep Date: **12/03/2013**	Run No: **257014**
SampleType: **MSD**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **184391**	Analysis Date: **12/03/2013**	Seq No: **5400013**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	1.017	0.0200	1.000	0.08215	93.5	75	125	1.002	1.44	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

December 20, 2013

Brent Cortelloni
Environmental Management Associates, LLC
5262 Belle Wood Court
Buford Georgi30518

TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton Ave

Dear Brent Cortelloni: Order No: 1312E17

Analytical Environmental Services, Inc. received 1 samples on 12/17/2013 12:05:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Mirzeta Kararic

Mirzeta Kararic
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1312E17

Date: _____ Page _____ of _____

COMPANY: EMA/BL

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Colleton.

SIGNATURE:

ANALYSIS REQUESTED

Visit our website **www.aesatlanta.com** to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	MW-1	12-17-13	10:48	G		GW	X		
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

24 hr

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	12-17-13	1:	12/17/13 1205
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Milton Ave

PROJECT #: 581

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO:
(IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request

- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ⊘ Next Business Day Rush
- ○ Same Day Rush **(auth req.)**
- ○ Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 20-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-1
Project Name:	Milton Ave	**Collection Date:**	12/17/2013 10:48:00 AM
Lab ID:	1312E17-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3010A)								
Nickel	BRL	35.0		ug/L	184934	1	12/18/2013 14:38	JL

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA /BC Work Order Number 1312E17

Checklist completed by PL 12/17/13
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.6 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by PT

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Environmental Management Associates, LLC
Project Name: Milton Ave
Workorder: 1312E17

ANALYTICAL QC SUMMARY REPORT

BatchID: 184934

Sample ID: **MB-184934**	Client ID:				Units: **mg/L**		Prep Date: **12/17/2013**		Run No: **258048**	
SampleType: **MBLK**	TestCode: **METALS, TOTAL**	**SW6010C**			BatchID: **184934**		Analysis Date: **12/18/2013**		Seq No: **5422124**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	BRL	0.0200									

Sample ID: **MB-184934**	Client ID:				Units: **ug/L**		Prep Date: **12/17/2013**		Run No: **258048**	
SampleType: **MBLK**	TestCode: **METALS, TOTAL**	**SW6010C**			BatchID: **184934**		Analysis Date: **12/18/2013**		Seq No: **5424886**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	BRL	20.0									

Sample ID: **LCS-184934**	Client ID:				Units: **mg/L**		Prep Date: **12/17/2013**		Run No: **258048**	
SampleType: **LCS**	TestCode: **METALS, TOTAL**	**SW6010C**			BatchID: **184934**		Analysis Date: **12/18/2013**		Seq No: **5422121**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	1.045	0.0200	1.000		104	80	120				

Sample ID: **1312D08-001BMS**	Client ID:				Units: **mg/L**		Prep Date: **12/17/2013**		Run No: **258048**	
SampleType: **MS**	TestCode: **METALS, TOTAL**	**SW6010C**			BatchID: **184934**		Analysis Date: **12/18/2013**		Seq No: **5422126**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	1.009	0.0200	1.000		101	75	125				

Sample ID: **1312D08-001BMSD**	Client ID:				Units: **mg/L**		Prep Date: **12/17/2013**		Run No: **258048**	
SampleType: **MSD**	TestCode: **METALS, TOTAL**	**SW6010C**			BatchID: **184934**		Analysis Date: **12/18/2013**		Seq No: **5422136**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	1.022	0.0200	1.000		102	75	125	1.009	1.25	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 10, 2013

Brent Cortelloni
Environmental Management Associates, LLC
5262 Belle Wood Court
Buford Georgi30518

TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Miton Ave

Dear Brent Cortelloni: Order No: 1312310

Analytical Environmental Services, Inc. received 2 samples on 12/5/2013 2:25:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Mirzeta Kararic

Mirzeta Kararic
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1312310

Date: _____ Page _____ of _____

COMPANY: EMA/kc

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B Corbett

SIGNATURE: B C

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	No # of Containers
1	DEL-02B	12-5-13	1:45	X			
2	DEL-03B	12-5-13	1:53	X			
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							

ANALYSIS REQUESTED

Total & Lead

PRESERVATION (See codes)

5

REMARKS

2 Day T/A

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY / DATE/TIME

1: B. C 12-5-13/2:25

2:

3:

RECEIVED BY / DATE/TIME

1: 12/5/13 2:25

2:

3:

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT VIA:

IN VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: Milton Ave

PROJECT #: 581

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO:
(IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers

Turnaround Time Request

- Standard 5 Business Days
- X 2 Business Day Rush
- Next Business Day Rush
- Same Day Rush (auth req.)
- Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 10-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	DEL-02B
Project Name:	Miton Ave	**Collection Date:**	12/5/2013 1:45:00 PM
Lab ID:	1312310-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	11.8	5.41		mg/Kg-dry	184522	1	12/06/2013 14:43	JL
PERCENT MOISTURE D2216								
Percent Moisture	13.5	0		wt%	R257328	1	12/09/2013 09:00	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Dec-13

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	DEL-03B
Project Name:	Miton Ave	**Collection Date:**	12/5/2013 1:53:00 PM
Lab ID:	1312310-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	44.4	5.79		mg/Kg-dry	184522	1	12/06/2013 14:47	JL
PERCENT MOISTURE D2216								
Percent Moisture	20.8	0		wt%	R257328	1	12/09/2013 09:00	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA/BC Work Order Number 1312310

Checklist completed by Signature 12/5/13 Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.2 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Environmental Management Associates, LLC
Project Name: Miton Ave
Workorder: 1312310

ANALYTICAL QC SUMMARY REPORT

BatchID: 184522

Sample ID: **MB-184522**	Client ID:			Units: **mg/Kg**	Prep Date: **12/05/2013**	Run No: **257173**
SampleType: **MBLK**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **184522**	Analysis Date: **12/05/2013**	Seq No: **5403024**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	5.00									

Sample ID: **LCS-184522**	Client ID:			Units: **mg/Kg**	Prep Date: **12/05/2013**	Run No: **257173**
SampleType: **LCS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **184522**	Analysis Date: **12/05/2013**	Seq No: **5403021**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	50.14	5.00	50.00		100	80	120				

Sample ID: **1312251-001AMS**	Client ID:			Units: **mg/Kg-dry**	Prep Date: **12/05/2013**	Run No: **257173**
SampleType: **MS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **184522**	Analysis Date: **12/05/2013**	Seq No: **5403040**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	156.6	5.29	52.90	113.0	82.5	75	125				

Sample ID: **1312251-001AMSD**	Client ID:			Units: **mg/Kg-dry**	Prep Date: **12/05/2013**	Run No: **257173**
SampleType: **MSD**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **184522**	Analysis Date: **12/05/2013**	Seq No: **5403044**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	125.2	5.27	52.70	113.0	23.1	75	125	156.6	22.3	20	SR

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

August 22, 2013

Brent Cortelloni
Rem-Con, LLC
5262 Belle Wood Court
Buford GA 30518

TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Milton Ave

Dear Brent Cortelloni: Order No: 1308F86

Analytical Environmental Services, Inc. received 2 samples on 8/19/2013 10:50:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Mirzeta Kararic

Mirzeta Kararic
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1308F86

Date: _____ Page _____ of _____

COMPANY: Rem-BN/Bc

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B Corbett

SIGNATURE:

ANALYSIS REQUESTED

tot Ni Cd

PRESERVATION (See codes)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	No # of Containers	REMARKS
1	MW-2	8-8-13	10:10	X			X	
2	MW-3	"	10:20	X			X	
3								
4								
5								
6								
7								
8								3 day TAT
9								
10								
11								
12								
13								
14								

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	8-9-13/1012	1:	8/9/13
2:		2:	10:52
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: Mitra Aus

PROJECT #:

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO:
(IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request

- Standard 5 Business Days
- 2 Business Day Rush
- Next Business Day Rush
- Same Day Rush **(auth req.)**
- Other 3 day

STATE PROGRAM (if any) _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 22-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	MW-2
Project Name:	Milton Ave	**Collection Date:**	8/19/2013 10:10:00 AM
Lab ID:	1308F86-001	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3010A)								
Nickel	1.57	0.0200		mg/L	179904	1	08/21/2013 16:52	MR

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Aug-13

Client:	Rem-Con, LLC	**Client Sample ID:**	MW-3
Project Name:	Milton Ave	**Collection Date:**	8/19/2013 10:20:00 AM
Lab ID:	1308F86-002	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3010A)								
Nickel	7.59	0.0200		mg/L	179904	1	08/21/2013 16:56	MR

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client REM-COW/BC Work Order Number 1308F86

Checklist completed by Signature 8/19/13 Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.2 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by PT

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Rem-Con, LLC
Project Name: Milton Ave
Workorder: 1308F86

ANALYTICAL QC SUMMARY REPORT

BatchID: 179904

Sample ID: **MB-179904**	Client ID:			Units: **mg/L**	Prep Date: **08/20/2013**	Run No: **250461**
SampleType: **MBLK**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179904**	Analysis Date: **08/21/2013**	Seq No: **5252150**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	BRL	0.0200									

Sample ID: **LCS-179904**	Client ID:			Units: **mg/L**	Prep Date: **08/20/2013**	Run No: **250461**
SampleType: **LCS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179904**	Analysis Date: **08/21/2013**	Seq No: **5252145**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	1.084	0.0200	1.000		108	80	120				

Sample ID: **1308G64-007AMS**	Client ID:			Units: **mg/L**	Prep Date: **08/20/2013**	Run No: **250461**
SampleType: **MS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179904**	Analysis Date: **08/21/2013**	Seq No: **5252153**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	1.019	0.0200	1.000		102	75	125				

Sample ID: **1308G64-007AMSD**	Client ID:			Units: **mg/L**	Prep Date: **08/20/2013**	Run No: **250461**
SampleType: **MSD**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **179904**	Analysis Date: **08/21/2013**	Seq No: **5252155**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Nickel	1.016	0.0200	1.000		102	75	125	1.019	0.286	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 07, 2014

Brent Cortelloni
Environmental Management Associates, LLC

Buford Georgi30518

TEL: (770) 271-4628
FAX: (770) 271-8944

RE: 72 Milton Avenue

Dear Brent Cortelloni: Order No: 1405102

Analytical Environmental Services, Inc. received 1 samples on 5/1/2014 2:00:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Mirzeta Kararic

Mirzeta Kararic
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1405102

Date: _____ Page _____ of _____

COMPANY: EMA / B. Cordell

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Cordell

SIGNATURE:

ANALYSIS REQUESTED: Lead, Nickel, Chromium

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	Martha - 01	5-1-14	1:15	X			X	0-6"	X
2	02	↓	1:20	X			X	↓	X
3	03	↓	1:26	X			X	Hold	X
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

3 day T/A

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: B C	5-1-14 2:00	1: Latoya R	5/1/14 2p
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: 72 Milton Ave
PROJECT #: 581
SITE ADDRESS:
SEND REPORT TO:
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 7-May-14

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MARTIN-01
Project Name:	72 Milton Avenue	**Collection Date:**	5/1/2014 1:15:00 PM
Lab ID:	1405102-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Chromium	65.1	3.72		mg/Kg-dry	190484	1	05/02/2014 19:50	JL
Lead	85.0	7.44		mg/Kg-dry	190484	1	05/02/2014 19:50	JL
Nickel	34.6	7.44		mg/Kg-dry	190484	1	05/02/2014 19:50	JL
PERCENT MOISTURE D2216								
Percent Moisture	32.8	0		wt%	R266783	1	05/01/2014 19:00	EH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA Work Order Number 1405102

Checklist completed by MJ 5/1/14
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* MJ 5/1/14 Yes ✓ No __

Cooler #1 Amb Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Environmental Management Associates, LLC
Project Name: 72 Milton Avenue
Workorder: 1405102

ANALYTICAL QC SUMMARY REPORT

BatchID: 190484

Sample ID: **MB-190484** Client ID: Units: **mg/Kg** Prep Date: **05/01/2014** Run No: **266791**
SampleType: **MBLK** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **190484** Analysis Date: **05/02/2014** Seq No: **5624407**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	BRL	2.50									
Lead	BRL	5.00									
Nickel	BRL	5.00									

Sample ID: **LCS-190484** Client ID: Units: **mg/Kg** Prep Date: **05/01/2014** Run No: **266791**
SampleType: **LCS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **190484** Analysis Date: **05/02/2014** Seq No: **5624406**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	49.48	2.50	50.00		99.0	80	120				
Lead	47.49	5.00	50.00		95.0	80	120				
Nickel	48.15	5.00	50.00	0.06720	96.2	80	120				

Sample ID: **1404T06-001AMS** Client ID: Units: **mg/Kg-dry** Prep Date: **05/01/2014** Run No: **266791**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **190484** Analysis Date: **05/02/2014** Seq No: **5624409**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	98.85	3.34	66.72	45.63	79.8	75	125				
Lead	2571	6.67	66.72	1684	1330	75	125				S
Nickel	93.97	6.67	66.72	43.56	75.6	75	125				

Sample ID: **1404T06-001AMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **05/01/2014** Run No: **266791**
SampleType: **MSD** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **190484** Analysis Date: **05/02/2014** Seq No: **5624410**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	114.2	3.37	67.36	45.63	102	75	125	98.85	14.4	20	
Lead	2572	6.74	67.36	1684	1320	75	125	2571	0.052	20	S
Nickel	102.8	6.74	67.36	43.56	87.9	75	125	93.97	8.95	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX E

DISPOSAL MANIFESTS (SEPTEMBER 2013)

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. ER-0910-05	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	WMNA
LEBOW LAND COMPANY, LLC 80 MILTON AVENUE ATLANTA, GA 30309		B. State Generator's ID
4. Generator's Phone 404-372-5353		

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
War Trucking		D. Transporter's Phone 770 482 8440
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID 028-039D (SL)
PINE BLUFF LANDFILL 13809 E CHEROKEE RD BALL GROUND, GA 30107		H. State Facility Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS, LEAD IMPACTED SOIL, NON-DOT REGULATED WM Profile # 376440GA			13.05T		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Pablo Vemperis		9	10	15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Steve Kamer		9	10	15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Matt Sherrill		9	10	15

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

Pine Bluff Landfill
13809 E. Cherokee Drive
Ball Ground, GA, 30107
Ph: (770) 479-2936

Original
Ticket# 1085800

Customer Name REMCON_101978 REM CON LLC
Ticket Date 09/10/2013
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 09/10/2013
Destination
PO
Profile 376440GA (LEAD IMPACTED SOIL)
Generator 111-LEBOWLAND LEBOW LAND COMPANY, LLC

Carrier WAR TRUCKING
Vehicle# 599
Container
Driver
Check#
Billing # 0101978
Gen EPA ID NR
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/10/2013 14:53:34	Scale 1	sy		Gross	49260 1
Out	09/10/2013 14:53:34		sy		Tare	23160 1
					Net	26100 1
					Tons	13.0

Comments

WM WILL NOT BE RESPONSIBLE FOR ACCIDENTS FROM PULLING, PUSHING VEHICLES

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons	100	13.05	Tons				FULTON
2	FUEL-Fuel Surcharg	100		%				FULTON
3	EVF-P-Standard Env	100		%				FULTON
4	RCR-P-Regulatory C	100		%				FULTON

Total Fees
Total Ticket

Driver's Signature

404WM

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. ER-0910-02	2. Page 1 of 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	WMNA	
LEBOW LAND COMPANY, LLC 80 MILTON AVENUE ATLANTA, GA 30309 4. Generator's Phone 404-372-5353		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
WM Transfer SSO		D. Transporter's Phone 7704828440
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address PINE BLUFF LANDFILL 13809 E CHEROKEE RD BALL GROUND, GA 30107	10. US EPA ID Number	G. State Facility ID 028-039D (SL) H. State Facility Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS, LEAD IMPACTED SOIL, NON-DOT REGULATED WM Profile # 376440GA					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Jon Bruno Kingsley		9	10	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Charles Wood	Charles Wood	9	10	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Daniel		9	10	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

Pine Bluff Landfill
13809 E. Cherokee Drive
Ball Ground, GA, 30107
Ph: (770) 479-2936

Original
Ticket# 1085705

Customer Name REMCON_101978 REM CON LLC
Ticket Date 09/10/2013
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest ER091002
Destination
PO
Profile 376440GA (LEAD IMPACTED SOIL)
Generator 111-LEBOWLAND LEBOW LAND COMPANY, LLC

Carrier WAR TRUCKING
Vehicle# 550
Container
Driver
Check#
Billing # 0101978
Gen EPA ID NR
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/10/2013 10:37:02	Scale 2	VDANIEL		Gross	41180 lb
Out	09/10/2013 10:59:38	Scale 1	VDANIEL		Tare	23540 lb
					Net	17640 lb
					Tons	8.82

Comments

WM WILL NOT BE RESPONSIBLE FOR ACCIDENTS FROM PULLING, PUSHING VEHICLES

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	8.82	Tons				FULTON
2	FUEL-Fuel Surcharg	100		%				FULTON
3	EVF-P-Standard Env	100		%				FULTON
4	RCR-P-Regulatory C	100		%				FULTON

Charles Wood

Total Fees
Total Ticket

Driver's Signature

404WM

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. ER-0910-04	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	WMNA
LEBOW LAND COMPANY, LLC 80 MILTON AVENUE ATLANTA, GA 30309		B. State Generator's ID
4. Generator's Phone 404-372-5353		

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
WAR Trucking		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID 028-039D (SL)
PINE BLUFF LANDFILL 13809 E CHEROKEE RD BALL GROUND, GA 30107		H. State Facility Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS, LEAD IMPACTED SOIL, NON-DOT REGULATED WM Profile # 376440GA			15.18T		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Brad Kempfer		9	10	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		9	10	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
S. Patterson		9	10	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

Pine Bluff Landfill
13809 E. Cherokee Drive
Ball Ground, GA, 30107
Ph: (770) 479-2936

Original
Ticket# 1085808

Customer Name REMCON_101978 REM CON LLC
Ticket Date 09/10/2013
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 09/10/2013-4
Destination
PO
Profile 376440GA (LEAD IMPACTED SOIL)
Generator 111-LEBOWLAND LEBOW LAND COMPANY, LLC

Carrier WAR TRUCKING
Vehicle# 550
Container
Driver
Check#
Billing # 0101978
Gen EPA ID NR
Grid

Volume

	Time	Scale	Operator			
In	09/10/2013 15:15:21	Scale 1	sy	Inbound	Gross	53900 lb
Out	09/10/2013 15:15:21		sy		Tare	23540 lb
					Net	30360 lb
					Tons	15.18

Comments

WM WILL NOT BE RESPONSIBLE FOR ACCIDENTS FROM PULLING, PUSHING VEHICLES

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	15.18	Tons				
2	FUEL-Fuel Surcharg	100		%				FULTON
3	EVF-P-Standard Env	100		%				FULTON
4	RCR-P-Regulatory C	100		%				FULTON

Total Fees
Total Ticket

Driver's Signature Charles Wade

404WM

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. ER-0912-01	2. Page 1 of 1	

3. Generator's Mailing Address:
LEBOW LAND COMPANY, LLC
80 MILTON AVENUE
ATLANTA, GA 30309

4. Generator's Phone 404-372-5353

Generator's Site Address (If different than mailing):

WMNA

8. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
Von-Tow LLC		D. Transporter's Phone 770-616-4911
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address PINE BLUFF LANDFILL 13809 E CHEROKEE RD BALL GROUND, GA 30107	10. US EPA ID Number	G. State Facility ID 028-039D (SL) H. State Facility Phone 770-479-2936

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS, LEAD IMPACTED SOIL, NON-DOT REGULATED WM Profile # 376440GA			6.45T		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
for Fred Kingsley		9	12	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
BRIAN K. RISK		9	12	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		9	12	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

Pine Bluff Landfill
13009 E. Cherokee Drive
Salt Ground, GA, 30107
Ph: (770) 479-2935

Original
Ticket# 1086111

Customer Name PEMCON_101978 REM CON LLC
Ticket Date 09/12/2013
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest ER-0912-01
Destination
PO
Profile 3764400A (LEAD IMPACTED SOIL)
Generator 111-LEBOWLAND LEBOW LAND COMPANY, LLC

Carrier PEMCON
Vehicle# dump
Container
Driver
Check#
Billing # 0101978
Gen EPA ID NR
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/12/2013 10:23:40	Scale 2	sy		Gross	26640 lb
Out	09/12/2013 10:23:40		sy		Tare	13740 lb
					Net	12900 lb
					Tons	6.45

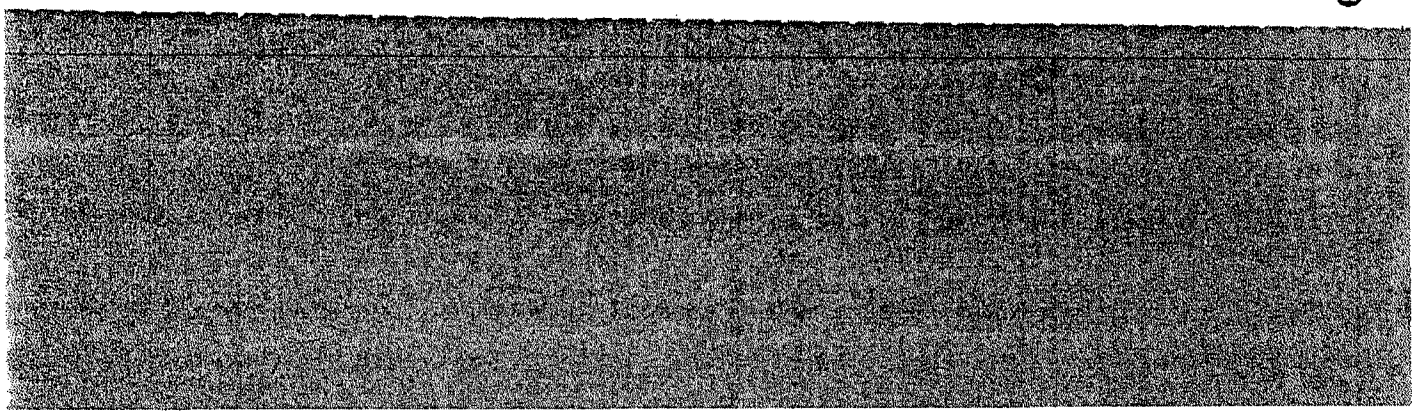
Comments

WM WILL NOT BE RESPONSIBLE FOR ACCIDENTS FROM PULLING, PUSHING VEHICLES

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	6.45	Tons				FULTON
2	FUEL-Fuel Surcharg	100		%				FULTON
3	EVF-P-Standard Env	100		%				FULTON
4	RCR-P-Regulatory C	100		%				FULTON

Total Fees
Total Ticket

404WM Driver's Signature



WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	
		ER-0910-01		

GENERATOR

3. Generator's Mailing Address:
LEBOW LAND COMPANY, LLC
80 MILTON AVENUE
ATLANTA, GA 30309

4. Generator's Phone 404-372-5353

Generator's Site Address (if different than mailing):

WMNA

B. State Generator's ID

TRANSPORTER

5. Transporter 1 Company Name: WAR TRUCKING

6. US EPA ID Number:

C. State Transporter's ID:

D. Transporter's Phone: 7704828440

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

FACILITY

9. Designated Facility Name and Site Address
PINE BLUFF LANDFILL
13809 E CHEROKEE RD
BALL GROUND, GA 30107

10. US EPA ID Number:

G. State Facility ID 028-039D (SL)

H. State Facility Phone 770-479-2936

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS, LEAD IMPACTED SOIL, NON-DOT REGULATED WM Profile # 376440GA		10	74		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell | Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Joe Bruno Kreyenz		9	10	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Steve Ramer		9	10	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		9	10	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

Pine Bluff Landfill
19009 E. Cherokee Drive
Ball Ground, GA, 30107
Ph: (770) 479-2936

Original
Ticket# 1085703

Customer Name REMCON_101978 REM CON LLC
Ticket Date 09/10/2013
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest ER091001
Destination
PO
Profile 575440GH (LEAD IMPACTED SOIL)
Generator LL-LEBROWLAND LEBOW LAND COMPANY, LLC

Carrier WAR TRUCKING
Vehicle# 599
Container
Driver
Check#
Billing # 0101978
Gen EPA ID NR
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/10/2013 10:53:48	Scale 2	VDANIEL		Gross	44640 lb
Out	09/10/2013 10:56:40	Scale 1	VDANIEL		Tare	23160 lb
					Net	21480 lb
					Tons	10.74

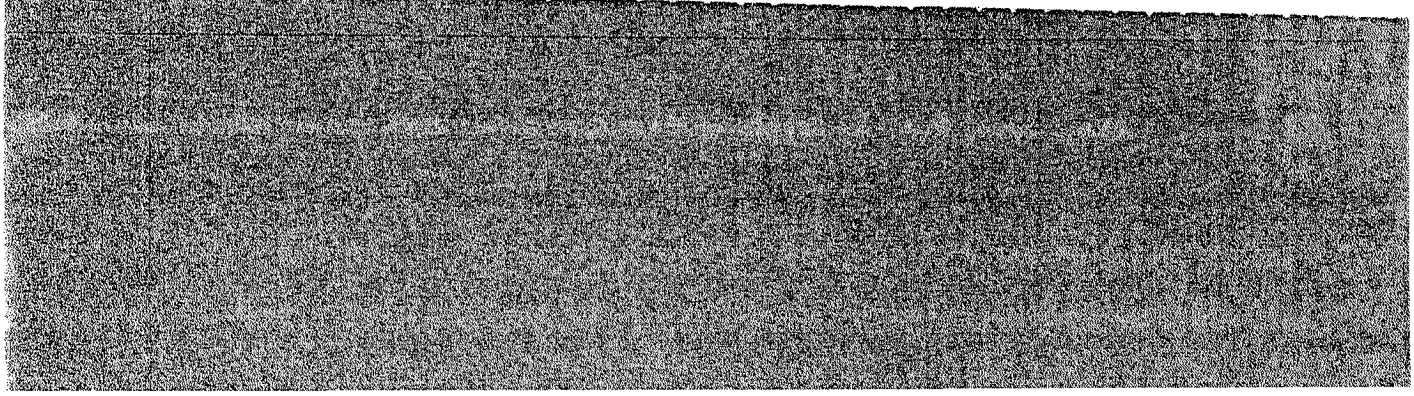
Comments

WM WILL NOT BE RESPONSIBLE FOR ACCIDENTS FROM PULLING, PUSHING VEHICLES

	Product	LO%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons -	100	10.74	Tons				FULTON
2	FUEL-Fuel Surcharg	100		%				FULTON
3	ENF-P-Standard Env	100		%				FULTON
4	RLR-P-Regulatory C	100		%				FULTON

Total Fees
Total Ticket

404WM
Driver's Signature



APPENDIX F
EMA SAMPLING PROTOCOLS/FIELD FORMS

EQUIPMENT DECONTAMINATION PROTOCOL

The following protocol will be observed for cleaning all equipment and tools used on Site to minimize the potential for cross-contamination:

1.1 BACKHOE/DRILL RIG

Upon mobilization of the backhoe or drill rig to the Site and prior to commencing excavation work, the backhoe bucket/hollow stem augers and all associated equipment will be thoroughly brushed and pressure washed to remove oil, grease, mud and other foreign matter. All associated equipment will be cleaned before initiating excavation or well installation activities to prevent cross-contamination from the previous locations. Cleaning will be accomplished by flushing and brushing the components to remove all visible sediments followed by a thorough high-pressure wash and rinsing.

1.2 SAMPLING TOOLS AND EQUIPMENT

Prior to the collection of samples for chemical analysis during field sampling, all sampling equipment and tools will be decontaminated with the following rinse sequence:

1. Clean with tap water and detergent (Alconox) using a brush if necessary to remove particulate matter and surface films.

2. Rinse thoroughly with tap water.

3. Rinse thoroughly with deionized water, allow equipment to air dry as long as possible (a minimum of 15 minutes).

4. Wrap with aluminum foil to prevent contamination if equipment is going to be stored or transported.

5. Fluids used for cleaning will not be recycled. All wash water, rinse water and decontamination fluids will be stored in containers on Site prior to disposal.

HAND AUGER/GRAB SAMPLING PROTOCOL

Hand auger and grab soil samples will be collected in accordance with the following protocol:

1. A new pair of disposable Nitrile gloves will be used when collecting each soil sample. Additional glove changes will be made as conditions warrant.

2. Prior to use at each sampling location, all sampling equipment not previously decontaminated will be cleaned in accordance with decontamination protocols.

3. Once the borehole has been advanced to the target depth, the cleaned hand auger bucket will be lowered into the borehole.

4. The hand auger will be advanced into the soil to the proposed depth.

5. The hand auger bucket will be removed from the borehole. The soil plug will be removed from the hand auger bucket and placed on a clean piece of plastic. If the backhoe is used to collect soil confirmation samples, grab samples will be collected directly from the backhoe bucket.

6. The soil samples will be described using the field Unified Soil Classification System (USCS). The soil description, date and time of the collection, sample handling and storage, preservation, labeling, and field measurements will be logged in the field log.

7. The soil sample was transferred to a labeled sample container, sealed with a Teflon-lined cap, placed on ice in a cooler, and hand delivered to the laboratory under standard chain-of-custody protocols.

8. A field (rinsate) blank sample may be collected for each set of samples collected if re-useable equipment is used. The field blank will consist of deionized water poured over the sampling tools after they have been cleaned using the field decontamination procedures presented in the decontamination protocols. Based on the nature of the contamination present, field blanks were not collected for this project.

WELL DEVELOPMENT PROTOCOL

Monitoring wells were developed to a silt-free condition by bailing or pumping, if possible, following installation. Development activities commenced upon completion of each monitoring well. Well development continued until water flows freely into the well and the water was as silt-free as possible. Field measurements of pH, conductivity, temperature, and turbidity were taken of the evacuated water per well volume removed over at least three well volumes. The amount of water removed from each well during development was recorded.

MONITORING WELL SAMPLING PROTOCOL

The procedures for collection of groundwater samples from the monitoring wells are described below. The procedures were used to maintain consistent and reproducible methods in obtaining and analyzing samples from each monitoring well. The procedures are based on:

- Manual for Groundwater Monitoring, Georgia Department of Natural Resources, Environmental Protection Division, September 1991;

- Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, SW-846 third edition, November 1986, with its revisions and updates;

- USEPA Science and Ecosystem Support Division Operating Procedure, Groundwater Sampling, USEPA Region IV, March 6, 2013; and

- Ground Water Sampling Procedure Low Stress (Low Flow) Purging and Sampling, USEPA, Region II, March 16, 1998.

The monitoring wells were sampled according to the following protocol:

1. New disposable Nitrile gloves were used for sampling each well.

2. The sampler measured and recorded the depth to water from a fixed point at the top of casing in each well to the nearest 0.01 foot using an electric tape (Solinst or Slope). The wetted portion of the electric tape was decontaminated prior to each use as described in the decontamination protocols.

3. A QED stainless-steel bladder pump, new Teflon bladders, and new dedicated Teflon-lined tubing was used to purge the groundwater from the wells until select field measurements had stabilized. The pump intake was positioned in the middle of the screened interval for each well. Prior to use in the monitoring well, the pump was pre-cleaned in accordance with the procedures detailed above unless this equipment was disposable or dedicated.

4. Field measurements of pH, specific conductance, temperature, dissolved oxygen, turbidity, and redox potential were recorded using a YSI multi-probe field meter with a flowcell or equivalent until consistent readings were obtained (0.1 for pH, 3% for conductivity, 10 mV for Redox, 10% for D.O.) and turbidity was below 10 NTUs. Calibration of field instruments was undertaken prior to each days use.

5. Containers for sample collection and preservation requirements was determined by the laboratory as required by the analytical parameters. All sample bottles were provided by the laboratory pre-preserved. The containers for select metals were pre-preserved with nitric acid. The sample bottles were delivered to the site in sealed containers.

6. Samples were collected immediately following purging activities through the discharge tubing.

7. Rinsate blank (equipment blank) samples are generally collected at the frequency of one per sampling round if re-useable equipment is used. Rinsate blank samples were not collected for the groundwater sampling events at this site. It should be noted that <u>new</u> Teflon-lined tubing and bladders were used for each well so cross-contamination would not be expected.

8. Samples were labeled noting the well location and date. A separate hard-cover bound field notebook or field logs were maintained describing the sampling history (including: date and time of collection, sample handling and storage,

preservation and labeling, field measurements and sample characteristics of each sample taken).

9. Samples were placed on ice or cooler pack in laboratory supplied coolers after collection and labeling. Samples were hand delivered to the laboratory under standard chain-of-custody protocols.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Mt Hoa Au
Ref. No.:

Date: 10-17-13
Personnel: BC

Monitoring Well Data:

Well No.: MW-1
Measurement Point:
Constructed Well Depth (ft): 32'
Measured Well Depth (ft): 32'
Depth of Sediment (ft):

Screen Length (ft): 10
Depth to Pump Intake (ft)[1]: 25' from bottom
Well Diameter, D (in): 2"
Well Screen Volume, V_s (mL)[2]:
Initial Depth to Water (ft): 25.03

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)*[3]	*pH*	*Temperature °C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Volume Purged, Vp (mL)*	*No. of Well Screen Volumes Purged*[4]
10:05	150	25.03		7.05	15.6	173	210	2.41	16		
10:10	"	25.06		6.95	15.8	159	207	2.40	11		
10:22	"	25.09		6.93	15.9	158	193	2.39	10		
10:33	"	25.08		6.93	15.5	157	190	2.38	9.2		
10:46	"	25.08		6.92	15.5	157	191	2.37	8.9		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Milton Ave
Ref. No.:

Date: 8/19/2013
Personnel: BC

Monitoring Well Data:

Well No.: MW-2
Measurement Point:
Constructed Well Depth (ft): 35'
Measured Well Depth (ft): [redacted]
Depth of Sediment (ft):

Screen Length (ft): 10'
Depth to Pump Intake (ft)[1]: ~31'
Well Diameter, D (in): 2"
Well Screen Volume, V_s (mL)[2]:
Initial Depth to Water (ft): 27.57

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C (not work)	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
					—	~~2~~	~~5~~				
9:30	~100	27.57		6.25	—	226	142	2.25	48		
9:40	"	27.60		6.20	—	231	144	2.01	22		
9:50	"	27.60		6.15	—	235	146	1.93	11		
10:01	"	27.60		6.13	—	235	147	1.92	8.3		
10:10	"	27.60		6.13	—	236	145	1.93	8.1		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Milton Ave
Ref. No.:
Date: 8/19/2013
Personnel: BC

Monitoring Well Data:

Well No.: MW-3
Measurement Point:
Constructed Well Depth (ft): 35'
Measured Well Depth (ft): 35'
Depth of Sediment (ft):
Screen Length (ft): 10'
Depth to Pump Intake (ft)[1]: ~31'
Well Diameter, D (in): 2"
Well Screen Volume, V_s (mL)[2]:
Initial Depth to Water (ft): 28.37

Not working

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, V_p (mL)	No. of Well Screen Volumes Purged[4]
9:35	~100	28.37		6.03	—	186	165	2.65	26		
9:45	"	28.37		6.15	—	180	163	2.55	9.2		
9:55	"	28.37		6.16	—	179	161	2.31	9.1		
10:05	"	28.38		6.16	—	178	161	2.30	9.0		
10:20	"	28.38		6.17	—	178	161	2.30	9.0		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s=p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Milton Ave
Ref. No.:

Date: 11-29-13
Personnel:

Monitoring Well Data:

Well No.: MW-4
Measurement Point:
Constructed Well Depth (ft): 35'
Measured Well Depth (ft): 35'
Depth of Sediment (ft):

Screen Length (ft): 10'
Depth to Pump Intake (ft)[1]: 31' F.B.
Well Diameter, D (in):
Well Screen Volume, V_s (mL)[2]:
Initial Depth to Water (ft): 25.40

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, V_p (mL)	No. of Well Screen Volumes Purged[4]
10:52	150	25.40		6.10	15.3	894	250	2.90	8.3		
11:01	"	25.44		5.08	15.4	893	259	2.81	6.7		
11:15	"	25.48		5.04	15.4	892	263	2.79	6.1		
11:30	"	25.49		5.01	15.4	890	265	2.78	6.1		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Milton Ave
Ref. No.:
Date: 11-29-13
Personnel:

Monitoring Well Data:

Well No.: MW-3D
Measurement Point:
Constructed Well Depth (ft): 71'
Measured Well Depth (ft): 71'
Depth of Sediment (ft):
Screen Length (ft): 10'
Depth to Pump Intake (ft)[1]: ~69'
Well Diameter, D (in): 2"
Well Screen Volume, V_s (mL)[2]:
Initial Depth to Water (ft): 38.20

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, V_p (mL)	No. of Well Screen Volumes Purged[4]
10:00	~150	38.20		13.13	15.5	7.69	206	3.65	11		
10:10	"	"		13.11	15.4	7.68	209	3.21	4.1		
10:19	"	"		13.09	15.4	7.67	199	3.19	4.0		
10:30	"	"		13.05	15.4	7.67	198	3.12	3.9		
10:42	"	"		13.09	15.4	7.67	198	3.16	3.9		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p^*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Milton Ave
Ref. No.:

Date: 11-29-13
Personnel:

Monitoring Well Data:

Well No.: MW-5
Measurement Point:
Constructed Well Depth (ft): 15'
Measured Well Depth (ft): 15'
Depth of Sediment (ft):

Screen Length (ft): 10'
Depth to Pump Intake (ft)[1]: ~~[illegible]~~ ~13'
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]:
Initial Depth to Water (ft): 10.65

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)*[3]	*pH*	*Temperature °C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Volume Purged, V_p (mL)*	*No. of Well Screen Volumes Purged*[4]
10:37	150	10.65		6.16	14.6	216	196	3.39	14		
10:47	"	10.69		6.28	15.6	210	158	1.39	9.1		
10:57	"	10.68		6.22	15.6	209	149	1.37	9.0		
11:13	"	10.68		6.21	15.5	203	148	1.36	8.9		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

MW-2 30.48
MW-3 30.56
MW-1 25.07

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Milton Ave
Ref. No.:
Date: 11-29-13
Personnel:

Monitoring Well Data:

Well No.: MW-6
Measurement Point:
Constructed Well Depth (ft): 15'
Measured Well Depth (ft): 15'
Depth of Sediment (ft):
Screen Length (ft): 10'
Depth to Pump Intake (ft)[1]: ~~8~~ ~ 12'
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]:
Initial Depth to Water (ft): 10.75

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level*[3] *(ft)*	*pH*	*Temperature °C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Volume Purged, V_p (mL)*	*No. of Well Screen Volumes Purged*[4]
10:00	150	10.75		6.45	15.6	294	185	5.89	11.6		
10:10	"	10.75		6.17	15.9	293	192	4.81	6.2		
10:20	"	"		6.15	16.0	291	193	4.76	5.1		
10:30	"	"		6.13	16.1	291	193	4.74	4.3		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

APPENDIX G

EMA PHASE II ESA FOR 80 MILTON AVE (APRIL 2005)

EMA
Environmental Management Associates, LLC

April 11, 2005 Reference No. 508

Mr. Eric Ranney
Lebow Land Company, LLC
900 Peachtree Street, Suite 400
Atlanta, Georgia 30309

Dear Mr. Ranney:

Re: Focused Phase II Environmental Site Assessment Report
80 Milton Avenue
Atlanta, Georgia

Environmental Management Associates, LLC (EMA) initiated limited Phase II investigative activities on February 25 and March 10, 23, and 28, 2005 for the above-referenced site (Site) in accordance with our prior correspondence. The objective was to determine to if a release from any previous operations had occurred in select areas at the Site. The scope for this Phase II Environmental site Assessment (ESA) was developed based on the findings of the Phase I ESA completed by EMA.

Investigative activities were limited to the following:

i) installation of four boreholes at select areas at the Site and soil sampling;

ii) sampling a total of five locations within the ditches along both sides of the Site;

iii) installation of five test pits at select areas at the Site and soil sampling; and

iv) excavation of a limited quantity of soils at one of the ditch sampling locations and confirmatory soil sampling.

The investigative activities and sample analyses were performed in accordance with the associated State of Georgia Environmental Protection Division (EPD) and USEPA Region IV protocols. This report provides a description of the investigative activities completed and presents EMA's findings and associated analytical data. The Site Plan is presented as Figure 1.

1.0 SUMMARY OF PERTINENT FINDINGS

- **Soil Contamination:** petroleum impacted soils/debris were detected on site in test pits TP-4 and TP-5 indicating that a release had occurred from the former operations at the Site. Vertical delineation of this contamination was not possible due to

4488 Commerce Drive, Suite A ♦ Buford, Georgia 30518
Phone 770.271.4628 ♦ Fax 770.271.8944
www.emallc.net

bedrock at 3 to 5 ft. bgs. Lead impacted soils were also detected at two out of 12 surficial sampling locations. Excavation activities were completed to segregate these impacted soils over the HSRA notification concentration.

- **Conclusions:** The petroleum contaminant concentrations of the soil samples collected were below the applicable Soil Threshold Levels (STLs) as defined in Georgia UST Rules 391-3-15.09(3) Table A, Columns 3 or 4. However, it is our opinion that the petroleum impacted soils should be removed and disposed of at an EPD approved solid waste disposal facility. Based on the confirmatory soil sample data collected from the two areas with elevated lead concentrations, it does not appear that the remaining soils within these areas exhibit lead concentrations above the applicable notification concentration. The segregated lead contaminated soils in the 55-gallon drums were transported for disposal to Waste Managements Pine Bluff Landfill on April 7, 2005.

2.0 DETAILED DISCUSSION

2.1 Background

A Phase I ESA was recently completed by EMA for the Site. A summary of the findings, which were provided in the Phase I Report, is as follows:

- The Site was a metal recycling center between approximately 1950 and 1989. Between 1989 and 1992, the Site was used primarily for warehousing. A fire in 1992 at the adjacent property, 78 Milton Avenue, destroyed most of the buildings at 80 Milton, and today only the concrete foundations remain. The Site inspection conducted by EMA on February 22, 2005 revealed evidence of minor trash dumping along the ditches on the east side and west side of the property. A suspect mound at the rear of the property was also observed. A prior assessment performed in 2003 noted the presence of an old tank in one of the ditches, and some soil staining. Based on the observations, and the history of the Site as a metal recycling center, a limited Phase-II was recommended.

The Phase I ESA revealed no visible evidence of recognized environmental conditions. However, though there was no visible or regulatory evidence of environmental impairment to the Site, a Phase II ESA was recommended as a precautionary measure.

2.2 Investigation Procedures

On February 25 and March 10, 23 and 28, 2005, EMA conducted limited investigation activities to determine if a release from the previous operations had occurred at the Site. As part of a geotechnical investigation, Environmental Assessments, Inc., under the direction of United Consulting, Inc., installed five (5) soil borings (BH-1 through BH-4 and BH-4B) to depths ranging between 1 to 35 feet below ground surface (bgs) at select areas at the Site as indicated on Figure 1. Environmental Assessments installed borehole BH-1 last and was only completed to 1 ft. bgs before EMA left the Site.

Split-spoon core soil samples were generally collected by United Consulting every two feet bgs. EMA screened select split-spoon samples for organic headspace with a Photoionization Detector (PID). A summary of the sampling depths that were screened for organic headspace is provided in Table 1. Based on the field observations, a soil sample from borings BH-2 (B2-6-7) and BH-3 (B3-5-6.5) was selected and submitted to the project laboratory for total RCRA metals.

In addition to the borehole investigation, United Consulting contracted Dennis Taylor Company to install test pits at four locations across the Site as indicated on Figure 1. The depths of the test pits are as follow: TP-1 (15 ft. bgs); TP-2 (10 ft. bgs); TP-3 (3 ft. bgs); and TP-4 (3 ft. bgs). Test pits TP-2 was limited to 10 ft. bgs due to a concrete slab and test pits TP-3 and TP-4 were limited to 3 ft. bgs due to a rock base. Typical backfill soils and rock materials were generally found in test pits TP-1 through TP-3. A soil sample from test pit TP-2 (TP2-3-4) was collected and submitted to the project laboratory for total RCRA metals.

Black stained soils/gravel with a petroleum odor were detected in test pit TP-4 (see Photo Log in Attachment A). The staining started approximately 1 ft. bgs and stopped at 3 ft. bgs which was where bedrock was encountered in this area. The organic headspace for this sample was 8.9 PPM/V indicating relatively low levels of volatile organic compounds. A sample was collected from test pit TP-4 (TP4-0-2) and was submitted to the project laboratory from total RCRA metals, total petroleum hydrocarbons (TPH)-diesel range organics (DRO), and polynuclear aromatic hydrocarbons (PAH).

In addition to the subsurface sampling, EMA collected a total of three (3) surficial soil samples within the two ditches that are located on both sides of the Site. Samples D-1 and D-3 were collected at locations adjacent to the US Plating and Burn Site, which is located at 78 Milton Avenue, and sample D-2 was collected from the ditch that borders the CSX Transportation, Inc. railroad line as indicated on Figure 1. No significant staining or impaired vegetation was noted within the ditches. The three surfical soil samples were submitted to the project laboratory for total RCRA metals analysis. Soil sample D-2 was also subsequently tested for TCLP lead based on the reported total lead result from this sample.

Based on the preliminary results for the samples collected from test pit TP-4 and surface sample D-2, additional samples were collected within these areas by EMA on March 10, 2005. Organic headspace measurements were not conducted during the March 10, 2005 investigation. Test pit TP-4 was extended to a depth of 4 ft bgs by removing bedrock within the former test pit with a jackhammer. A sample was collected of the material at this depth and submitted for benzene, toluene, ethylbenzene, and xylenes (BTEX), PAH, and TPH-DRO analysis. A fifth test pit TP-5 was installed by EMA at location adjacent to TP-4. TP-5 extended to a depth of 5 ft bgs through the same stained soils detected at TP-4 (see Photo Log in Attachment A). Bedrock was encountered at this depth, which prevented any further vertical delineation. Soil samples were collected at 3 and 5 ft bgs and were submitted for BTEX, PAH, and TPH-DRO analysis.

A duplicate sample (D-2 Dup) from location D-2 was also collected on March 10, 2005 and submitted for total lead analysis to determine if the initial total lead result for this sample was an anomaly. In addition, two samples (D-4 and D-5) were collected at locations near D-2 and submitted for total lead analysis.

On March 23, 2005, EMA collected additional soil samples at locations below and immediately surrounding former surficial sample location D-2/D-2 Dup. A surficial soil sample (D-2 A) was collected 3-inches east of former location D-2/D-2 Dup and another sample (D-2 B) was collected 3-inches west of this former location. A third soil sample (D-2 C) was collected directly beneath former sample location D-2/D-2 Dup. This sample was collected at approximately 0.6 ft. bgs. All three soil samples were submitted for total lead analysis.

Based on the total lead result for the March 23, 2005 sample collected at D-2 B, approximately 0.5 cubic yards of soil was removed from this area on March 28, 2005. The excavation extended in a westerly direction from former sampling point D-2 A past former locations D-2/D-2 Dup and D-2 B. The extent of the excavation was approximately 3.5 ft. wide by 3 ft. long and was 1 ft. deep. The excavated soils were segregated for disposal into seven 55-gallon drums. Confirmatory surficial soil samples were collected from the north (D-2 D), south (D-2 E), and west (D-2 BB) sidewalls of this excavation and were submitted for total lead analysis.

2.3 Analytical Results

The soil samples were selectively submitted to Analytical Environmental Services, Inc. (AES) of Atlanta, Georgia for total RCRA metals analysis by SW-846[1] Method 6010/7471, TCLP lead by SW-846 Method 1311/6010, BTEX by SW-846 Method 5035/8020, TPH-DRO, by SW-846 Method 8015 (modified) and PAH by SW-846 Method 8270C. AES is an accredited laboratory under the National Environmental Laboratory Accreditation Program (NELAC) (Accreditation ID: E87582).

Select RCRA metals were reported within the surficial soil samples and the borehole samples collected on February 25, 2005 as summarized in Table 2. The only analyte reported above the applicable notification concentrations as listed in Appendix I of GEPD Rule 391-3-19-.04, was total lead detected at 501 milligrams per kilogram (mg/kg) in surficial soil sample D-2, which was collected along the south side of the Site. This sample was also analyzed for TCLP lead and was reported below the associated RCRA hazardous toxicity characteristic of 5 milligrams per liter (mg/L). The duplicate sample D-2 Dup collected on March 10, 2005 was reported at 306 mg/kg, which is below the applicable notification concentration. In addition, the surficial soil samples D-4 and D-5 collected at adjacent locations to D-2/D-2 Dup and samples D-2 A and D-2 C which were collected on March 23, 2005 at locations immediately surrounding D-2/D-2 Dup were also below the notification concentration for this analyte. However, soil sample D-

[1] "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846 third edition, November 1986, with its revisions and updates.

2 B which was collected immediately west of former location D-2/D-2 Dup was reported with a total lead concentration of 427 mg/kg, which was above the notification concentration.

Following the limited soil removal activities at location D-2 and D-2 B, confirmatory soil samples D-2 BB, D-2 D and D-2 E were reported with total lead concentrations of 386 mg/kg, 40.7 mg/kg, and 322 mg/kg, which were below the notification concentration for this analyte.

Elevated concentrations of TPH-DRO and several PAH analytes were reported in the test pit samples from TP-4 and TP-5. In addition, some minor concentrations of select BTEX analytes were also detected in some of these samples. AES was requested to review the TPH-DRO chromatogram against their library of petroleum related chromatograms. As a result of this review, the contaminated material was matched with a heavily weathered diesel fuel as reported by AES. A copy of the laboratory analytical reports is provided in Attachment B.

2.4 Conclusions

Based on the independent investigation conducted on behalf of the Lebow Land Company by EMA, the following conclusions can be made concerning the conditions at the Site:

i) the Site is located within an area of lower groundwater pollution susceptibility as shown on the "Groundwater Pollution Susceptibility Map of Georgia," (GEPD, Georgia Geologic Survey, 1992);

ii) total lead was reported above the applicable notification concentration for this analyte in two (D-2 and D-2 B) out of 12 surficial soil samples collected at the Site. Approximately 0.5 cubic yards of soil were removed from the combined D-2 and D-2 B locations. On April 7, 2005 these soils were transported and disposed of at Waste Management's Pine Bluff Landfill in Ballground, Georgia under non-hazardous waste profile CG9369. The results of the subsequent confirmatory soil samples from the sidewalls that required testing were below the notification concentration;

iii) petroleum impacted soils/debris were detected in test pits TP-4 and TP-5 indicating that a petroleum related release had occurred from the former operations at the Site. The contamination was identified as heavily weathered diesel fuel. The contaminant concentrations of the soil samples collected were below the applicable Soil Threshold Levels (STLs) as defined in Georgia UST Rules 391-3-15.09(3) Table A, Columns 3 or 4;

iv) the petroleum impacted area appears to be 44 ft. long by 41 ft. wide and ranges from 3 to 5 ft bgs. The estimated volume of impacted soils/debris ranges from 260 to 275 cubic yards (470 to 500 tons);

v) it can not be determined from the soil samples collected at the base of the test pit excavations if the petroleum release has impacted the groundwater table and

there is a small chance that groundwater contamination may be present. However, it is our opinion that groundwater contamination would be limited since groundwater is estimated at 30 ft. bgs based on an adjacent borehole and it appears that the bedrock at 3 to 5 ft. bgs would either stop or help slow the downward migration of these analytes to the groundwater table. The samples collected at 4 and 5 ft. bgs did reflect a significant reduction in the contaminant concentrations from the samples collected at 3 ft. bgs, which were in the worst-case locations; and

vi) even though a suspect soil mound was identified during the Phase I ESA inspection, the mound is not considered to be a recognized environmental condition based on the test pit investigation.

It is our recommendation that the petroleum impacted soils referred to in 2.4 (iv) above should be removed from the Site and disposed of at an approved Subtitle "D" Solid Waste Disposal Facility. Based on recent projects completed to date, the cost for excavation, transportation, and disposal of this quantity of the impacted non-hazardous waste would range from $30,000 to $35,000 depending on the off-site disposal location.

Client should consult with legal counsel to determine any reporting requirements to the EPD or the current owner for the contaminants detected.

3.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL(S)

This Phase II ESA was conducted and prepared by Mr. John Schwaller, P.G. and Mr. Brent Cortelloni, CHMM of Environmental Management Associates, LLC. A summary of their education and professional experience is included in Attachment C.

This report may be relied on by the addressee, any entity in which addressee or Eric Ranney is directly or indirectly a principal, and any lender to any of the foregoing in accordance with the limitations and exceptions to this limited Phase II ESA as summarized in Attachment D.

We appreciate the opportunity to undertake this project. Please contact us at (770) 271-4628 if you have any questions or require additional information.

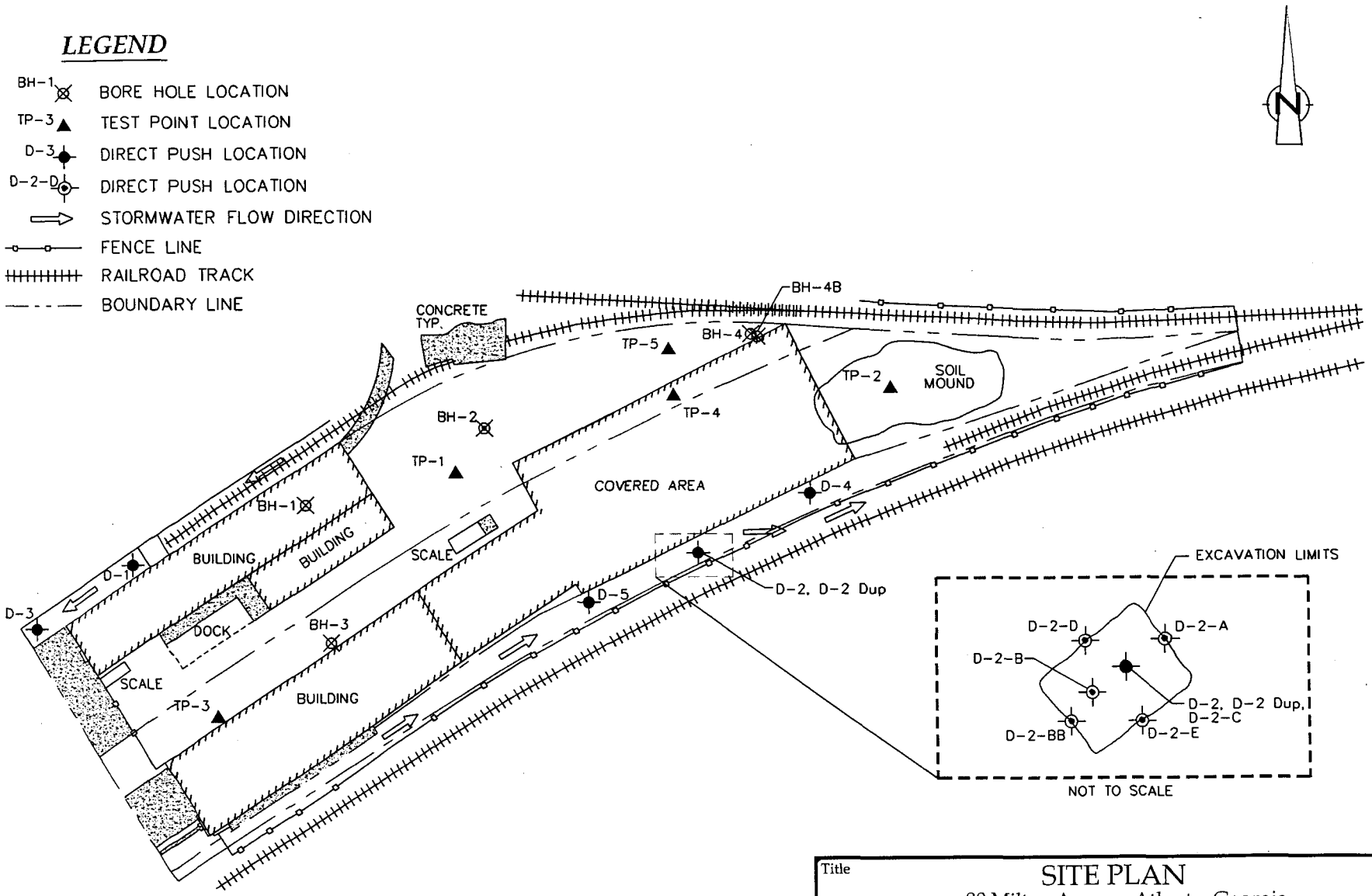
Yours truly,

Environmental Management Associates, LLC

Brent Cortelloni, CHMM
Project Manager

John O. Schwaller, PG
(Georgia Reg. No. 1617)

Encl.
BC/bc/1



Title	SITE PLAN 80 Milton Avenue, Atlanta, Georgia
Client	LeBow Land Company Fulton County, Georgia
EMA *Environmental Management Associates, LLC*	Facility ID. N/A
Figure	1

TABLE 1

SOIL SAMPLE SUMMARY
80 MILTON AVENUE
ATLANTA, GEORGIA

Sample Location	*Collection Date*	*Depth (feet bgs)* [1]	*PID Measurements (PPM/V)* [2]
BH-1	2/25/2005	unknown	NM
BH-2	2/25/2005	0-5	0
	2/25/2005	6-8	0
	2/25/2005	8-10	0.2
	2/25/2005	13.5-15	0
	2/25/2005	28-30	0
	2/25/2005	32-35	0
BH-3	2/25/2005	0-2	0
	2/25/2005	5-6.5	0.9
	2/25/2005	8-10	0.4
	2/25/2005	15-17	0.1
	2/25/2005	23-25	0.3
BH-4	2/25/2005	0-2	0.1
	2/25/2005	4-5	0
BH-4B	2/25/2005	5-7	12.1
TP-1	2/25/2005	0-4	0
	2/25/2005	7-15	0
	2/25/2005	15 EOH	NA
TP-2	2/25/2005	0-3	0
	2/25/2005	3-4	0.1
	2/25/2005	10 EOH	NA
TP-3	2/25/2005	0-2.5	0
	2/25/2005	3 EOH	NA
TP-4	2/25/2005	0-2	8.9
	2/25/2005	2.5 EOH	NA
	3/10/2005	4	NM
TP-5	3/10/2005	3	NM
	3/10/2005	5	NM
D-1	2/25/2005	0-0.5	3.8
D-2	2/25/2005	0-0.5	0
D-3	2/25/2005	0-0.5	0
D-2 (Dup)	3/10/2005	0-0.5	NM
D-4	3/10/2005	0-0.5	NM
D-5	3/10/2005	0-0.5	NM
D-2 A	3/23/2005	0-0.5	NM
D-2 B	3/23/2005	0-0.5	NM
D-2 C	3/23/2005	0.6	NM
D-2 BB	3/28/2005	0-0.5	NM
D-2 D	3/28/2005	0-0.5	NM
D-2 E	3/28/2005	0-0.5	NM

Notes:
1) bgs - below ground surface
2) PPM/V - Parts Per Million per Volume
3) EOH - End of hole

TABLE 2

ANALYTICAL SOIL DATA
80 MILTON AVENUE
ATLANTA, GEORGIA

Sample Location	*Depth (feet bgs)* [1]	*Analyte*	*Concentration (mg/kg)* [2]	*Standard* [3] *(mg/kg)*
D-1	0-0.5	Barium	246	500
	0-0.5	Cadmium	6.22	39
	0-0.5	Chromium	52	1200
	0-0.5	Lead	275	400
	0-0.5	Mercury	0.397	17
	0-0.5	Arsenic	14	41
D-2	0-0.5	Barium	150	500
	0-0.5	Cadmium	31	39
	0-0.5	Chromium	45.7	1200
	0-0.5	Lead	**501**	400
	0-0.5	Mercury	1.37	17
	0-0.5	Arsenic	13.5	41
	0-0.5	TCLP Lead	0.175	5 mg/L
D-2 (Dup)	0-0.5	Lead	306	400
D-2 A	0-0.5	Lead	238	400
D-2 B	0-0.5	Lead	**427**	400
D-2 C	0.6	Lead	354	400
D-2 BB	0-0.5	Lead	386	400
D-2 D	0-0.5	Lead	40.7	400
D-2 E	0-0.5	Lead	322	400
D-3	0.5	Barium	112	500
	0.5	Cadmium	6.16	39
	0.5	Chromium	29.9	1200
	0.5	Lead	190	400
	0.5	Mercury	0.542	17
	0.5	Arsenic	11.7	41
D-4	0.5	Lead	383	400
D-5	0.5	Lead	207	400
TP-4	0-2	Barium	126	500
	0-2	Chromium	31.3	1200
	0-2	Lead	27	400
	0-2	Mercury	0.331	17
TP-4	0-2	TPH-DRO	12,000	--[4]
	0-2	Naphthalene (PAH)	0.630	--[4]
	0-2	2-Methylnaphthalene (PAH)	1.100	--[4]
	0-2	1-Methylnaphthalene (PAH)	2.000	--[4]
	0-2	Benzo(b) fluoroanthene (PAH)	0.530	--[4]
	0-2	Benzo(a)pyrene (PAH)	0.400	--[4]
TP-4	4	TPH-DRO	1,600	--[4]
	4	Xylenes (BTEX)	0.0033	27[4]
	4	Phenanthrene (PAH)	1.100	--[4]
	4	Fluoranthene (PAH)	1.300	--[4]
	4	Pyrene (PAH)	0.700	--[4]
	4	Benzo(a) anthracene (PAH)	0.400	--[4]

TABLE 2

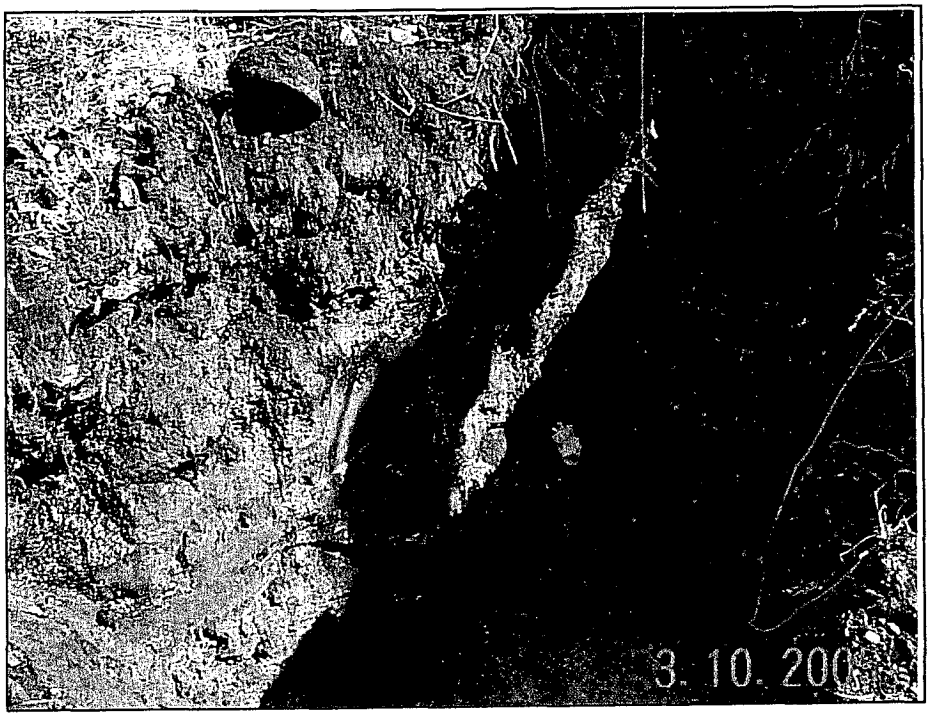
ANALYTICAL SOIL DATA
80 MILTON AVENUE
ATLANTA, GEORGIA

Sample Location	*Depth (feet bgs)* [1]	*Analyte*	*Concentration (mg/kg)* [2]	*Standard* [3] *(mg/kg)*
TP-4 cont.	4	Chrysene (PAH)	0.420	--[4]
	4	Benzo(b) fluoroanthene (PAH)	0.460	--[4]
	4	Benzo(a)pyrene (PAH)	0.340	--[4]
	4	Indeno(1,2,3-cd)pyrene	0.480	0.66[4]
TP-2	3-4	Barium	7	500
	3-4	Chromium	2.19	1200
TP-5	3	TPH-DRO	3,000	--[4]
	3	Toluene (BTEX)	0.0026	0.4[4]
	3	Ethylbenzene (BTEX)	0.0012	0.5[4]
	3	Xylenes (BTEX)	0.0066	27[4]
	3	Chrysene (PAH)	0.330	--[4]
	3	Benzo(b) fluoroanthene (PAH)	0.380	--[4]
	3	Indeno(1,2,3-cd)pyrene	0.390	0.66[4]
TP-5	5	TPH-DRO	650	--[4]
	5	Xylenes (BTEX)	0.0022	27[4]
BH-2	6-7	Barium	17	500
	6-7	Chromium	4.76	1200
	6-7	Lead	4.12	400
BH-3	5-6.5	Lead	3.19	400

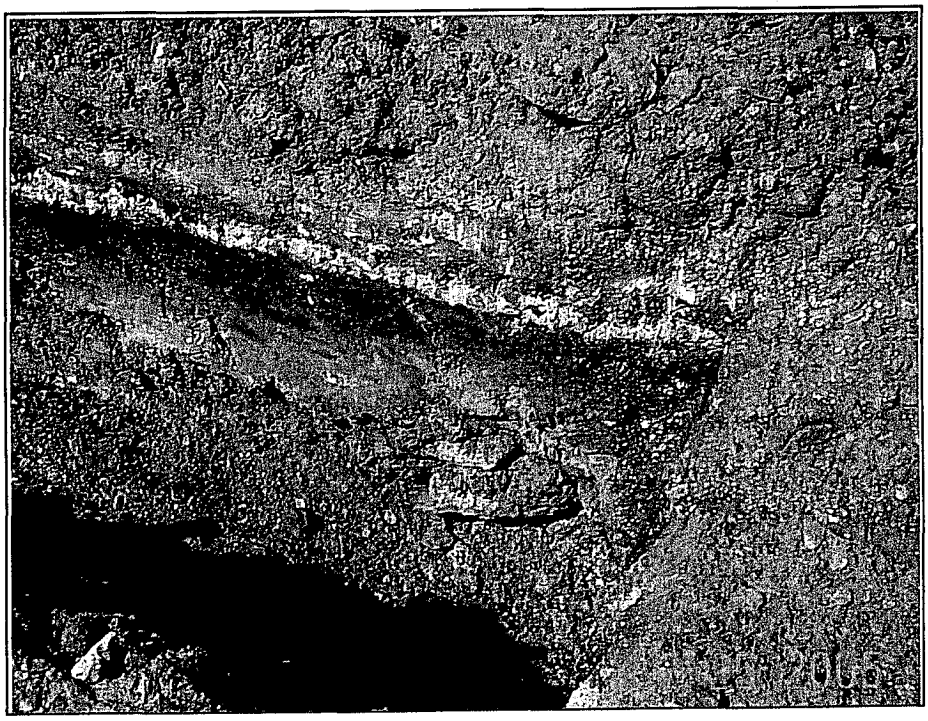
Notes:
1) bgs - below ground surface
2) mg/kg - milligrams per kilogram
3) HSRA Notification Concentrations
4) Petroleum releases are excluded from reporting under HSRA. The standards that would be most applicable are presented in Georgia's UST Management Rules Table A, Column 3 or 4. "--" indicates no standard exists.

ATTACHMENT A

PROJECT NAME: 80 Milton Ave, Atlanta, Georgia
DESCRIPTION: Test Pit TP-5 (Stained Soils/Debris)



PROJECT NAME: 80 Milton Ave, Atlanta, Georgia
DESCRIPTION: Test Pit TP-5 (Bedrock @ 5 ft bgs)



PROJECT NAME: 80 Milton Ave, Atlanta, Georgia
DESCRIPTION: Test Pit TP-4 (Stained Soils)

PROJECT NAME: 80 Milton Ave, Atlanta, Georgia
DESCRIPTION: Test Pit TP-4 (Bedrock @ 3 ft bgs)

ATTACHMENT B

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

March 03, 2005

Brent Cortelloni
Environmental Management Associates, LLC
4488 Commerce Drive
Suite A
Buford, Georgia 30518

TEL: (770) 271-4628
FAX (770) 271-8944

RE: Milton Ave

Order No.: 0502D13

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 7 samples on 2/25/2005 2:26:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/04-04/30/05.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 21 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

AES
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0502013

Date: ______ Page ____ of ____

COMPANY: EMA /BC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. [signature]

SIGNATURE: B. [signature]

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Total RCRA Metals	TPH-DRO	~~[struck]~~ PAH											REMARKS	No # of Containers
							PRESERVATION (See codes)														
1	B-1	2-25-05		X		S	X														
2	B-2						X														
3	B-3						X														
4	TP-4 0-2						X	X	X												
5	TP-2 3-4						X														
6	B2 6-7						X														
7	B3 5-6.5						X														
8																					
9																					
10																					
11																					
12																					
13																					
14																					

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: B. [signature]	2/25/05 2:??	1: [signature]	2/25/05 2:26 P
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: 80 Milton Ave

PROJECT #: 507

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: ______ PO#: ______

RECEIPT

Total # of Containers

Turnaround Time Request
- [X] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush **(auth req.)**
- [ ] Other ______

STATE PROGRAM (if any): ______

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT circled) FedEx UPS MAIL COURIER

GREYHOUND OTHER ______

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Date: *03-Mar-05*

CLIENT: Environmental Management Associates, LL
Lab Order: 0502D13
Project: Milton Ave
Lab ID: 0502D13-002

Client Sample ID: D-2
Collection Date: 2/25/2005
Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	13.5	4.30		mg/Kg	55211	1	2/28/2005 6:47:00 PM
Barium	150	4.30		mg/Kg	55211	1	2/28/2005 6:47:00 PM
Cadmium	31.0	2.15		mg/Kg	55211	1	2/28/2005 6:47:00 PM
Chromium	45.7	2.15		mg/Kg	55211	1	2/28/2005 6:47:00 PM
Lead	501	4.30		mg/Kg	55211	1	2/28/2005 6:47:00 PM
Selenium	BRL	4.30		mg/Kg	55211	1	2/28/2005 6:47:00 PM
Silver	BRL	2.15		mg/Kg	55211	1	2/28/2005 6:47:00 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **EM**
Mercury	1.37	0.196		mg/Kg	55223	2	2/28/2005 1:11:54 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
BRL	Below Reporting Limit
H	Holding times for preparation or analysis exceeded
N	Analyte not NELAC certified
Rpt Limit	Reporting Limit
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	NELAC analyte certification pending
S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc. **Date:** *18-Mar-05*

CLIENT: Environmental Management Associates, LL
Project: Milton Ave
Lab Order: 0502D13

CASE NARRATIVE

Sample/Cooler Receipt Non-Conformance:

All samples are received in bags.

DRO Analysis by Method 8015B:

Percent recovery for the surrogate spiking compound on sample 0502D13-004A was outside control limits biased high due to matrix interference.

Product ID by Method 8015B(DRO):

Chromatographic pattern for sample 0502D13-004A indicates the presence of heavily weathered diesel fuel product.

Metals Analysis by Method 6010B:

Matrix spike recovery for silver on sample 0502D13-002A was outside control limits biased high. Matrix spike duplicate recovery for barium on sample 0502D13-002A was outside control limits biased low. LCS recovery was within control limits indicating possible matrix interference.

Matrix spike duplicate recovery for lead on sample 0502D13-002A was outside control limits due to insignificant spike amount as compared to sample concentration. LCS recovery was within control limits.

RPD value for silver on sample 0502D13-002AMSD was outside advisory control limits due to suspected non-homogeneous sample matrix.

PAH Analysis by Method 8270C:

Due to sample matrix, sample 0502D13-004A required dilution during analysis resulting in elevated reporting limits for 6 analytes.

Analytical Environmental Services, Inc.

Date: *03-Mar-05*

CLIENT: Environmental Management Associates, LL
Client Sample ID: D-1
Lab Order: 0502D13
Collection Date: 2/25/2005
Project: Milton Ave
Lab ID: 0502D13-001
Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	14.0	2.80		mg/Kg	55211	1	2/28/2005 7:00:00 PM
Barium	246	2.80		mg/Kg	55211	1	2/28/2005 7:00:00 PM
Cadmium	6.22	1.40		mg/Kg	55211	1	2/28/2005 7:00:00 PM
Chromium	52.0	1.40		mg/Kg	55211	1	2/28/2005 7:00:00 PM
Lead	275	2.80		mg/Kg	55211	1	2/28/2005 7:00:00 PM
Selenium	BRL	2.80		mg/Kg	55211	1	2/28/2005 7:00:00 PM
Silver	BRL	1.40		mg/Kg	55211	1	2/28/2005 7:00:00 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **EM**
Mercury	0.397	0.0984		mg/Kg	55223	1	2/28/2005 12:45:04 P

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *03-Mar-05*

CLIENT: Environmental Management Associates, LL
Client Sample ID: D-3
Lab Order: 0502D13
Collection Date: 2/25/2005
Project: Milton Ave
Lab ID: 0502D13-003
Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	11.7	3.00		mg/Kg	55211	1	2/28/2005 7:04:00 PM
Barium	112	3.00		mg/Kg	55211	1	2/28/2005 7:04:00 PM
Cadmium	6.18	1.50		mg/Kg	55211	1	2/28/2005 7:04:00 PM
Chromium	29.9	1.50		mg/Kg	55211	1	2/28/2005 7:04:00 PM
Lead	190	3.00		mg/Kg	55211	1	2/28/2005 7:04:00 PM
Selenium	BRL	3.00		mg/Kg	55211	1	2/28/2005 7:04:00 PM
Silver	BRL	1.50		mg/Kg	55211	1	2/28/2005 7:04:00 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **EM**
Mercury	0.542	0.0984		mg/Kg	55223	1	2/28/2005 12:52:30 P

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *03-Mar-05*

CLIENT: Environmental Management Associates, LL
Client Sample ID: TP-4 0-2
Lab Order: 0502D13
Collection Date: 2/25/2005
Project: Milton Ave
Lab ID: 0502D13-004
Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
DIESEL RANGE ORGANICS		**SW8015B**			**(SW3550A)**		Analyst: **RS**
TPH (Diesel Range Organics)	12000	670		mg/Kg	55228	100	3/1/2005 10:12:00 AM
Surr: Dioctylphthalate	173	41.2-137	S	%REC	55228	1	2/28/2005 5:38:00 PM
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	3.20		mg/Kg	55211	1	2/28/2005 7:08:00 PM
Barium	126	3.20		mg/Kg	55211	1	2/28/2005 7:08:00 PM
Cadmium	BRL	1.60		mg/Kg	55211	1	2/28/2005 7:08:00 PM
Chromium	31.3	1.60		mg/Kg	55211	1	2/28/2005 7:08:00 PM
Lead	27.4	3.20		mg/Kg	55211	1	2/28/2005 7:08:00 PM
Selenium	BRL	3.20		mg/Kg	55211	1	2/28/2005 7:08:00 PM
Silver	BRL	1.60		mg/Kg	55211	1	2/28/2005 7:08:00 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **EM**
Mercury	0.331	0.0992		mg/Kg	55223	1	2/28/2005 12:54:21 P
POLYAROMATIC HYDROCARBONS		**SW8270C**			**(SW3550)**		Analyst: **EP**
Naphthalene	630	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
Acenaphthylene	BRL	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
1-Methylnaphthalene	2000	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
2-Methylnaphthalene	1100	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
Acenaphthene	BRL	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
Fluorene	BRL	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
Phenanthrene	BRL	1600		µg/Kg	55237	5	3/3/2005 11:26:00 AM
Anthracene	BRL	1600		µg/Kg	55237	5	3/3/2005 11:26:00 AM
Fluoranthene	BRL	1600		µg/Kg	55237	5	3/3/2005 11:26:00 AM
Pyrene	BRL	1600		µg/Kg	55237	5	3/3/2005 11:26:00 AM
Benz(a)anthracene	BRL	1600		µg/Kg	55237	5	3/3/2005 11:26:00 AM
Chrysene	BRL	1600		µg/Kg	55237	5	3/3/2005 11:26:00 AM
Benzo(b)fluoranthene	530	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
Benzo(k)fluoranthene	BRL	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
Benzo(a)pyrene	400	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
Dibenz(a,h)anthracene	BRL	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
Benzo(g,h,i)perylene	BRL	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
Indeno(1,2,3-cd)pyrene	BRL	330		µg/Kg	55237	1	3/2/2005 2:03:00 PM
Surr: 2-Fluorobiphenyl	82.3	53.3-120		%REC	55237	1	3/2/2005 2:03:00 PM
Surr: 4-Terphenyl-d14	89.8	51.6-120		%REC	55237	5	3/3/2005 11:26:00 AM
Surr: Nitrobenzene-d5	111	39-120		%REC	55237	1	3/2/2005 2:03:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *03-Mar-05*

CLIENT: Environmental Management Associates, LL
Client Sample ID: T2-2 3-4
Lab Order: 0502D13
Collection Date: 2/25/2005
Project: Milton Ave
Lab ID: 0502D13-005
Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	3.81		mg/Kg	55211	1	2/28/2005 7:13:00 PM
Barium	7.29	3.81		mg/Kg	55211	1	2/28/2005 7:13:00 PM
Cadmium	BRL	1.91		mg/Kg	55211	1	2/28/2005 7:13:00 PM
Chromium	2.19	1.91		mg/Kg	55211	1	2/28/2005 7:13:00 PM
Lead	BRL	3.81		mg/Kg	55211	1	2/28/2005 7:13:00 PM
Selenium	BRL	3.81		mg/Kg	55211	1	2/28/2005 7:13:00 PM
Silver	BRL	1.91		mg/Kg	55211	1	2/28/2005 7:13:00 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **EM**
Mercury	BRL	0.0996		mg/Kg	55223	1	2/28/2005 12:56:11 P

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	*Reporting Limit*	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *03-Mar-05*

CLIENT: Environmental Management Associates, LL
Client Sample ID: B2 6-7
Lab Order: 0502D13
Collection Date: 2/25/2005
Project: Milton Ave
Lab ID: 0502D13-006
Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	3.27		mg/Kg	55211	1	2/28/2005 7:17:00 PM
Barium	16.8	3.27		mg/Kg	55211	1	2/28/2005 7:17:00 PM
Cadmium	BRL	1.63		mg/Kg	55211	1	2/28/2005 7:17:00 PM
Chromium	4.76	1.63		mg/Kg	55211	1	2/28/2005 7:17:00 PM
Lead	4.12	3.27		mg/Kg	55211	1	2/28/2005 7:17:00 PM
Selenium	BRL	3.27		mg/Kg	55211	1	2/28/2005 7:17:00 PM
Silver	BRL	1.63		mg/Kg	55211	1	2/28/2005 7:17:00 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **EM**
Mercury	BRL	0.0988		mg/Kg	55223	1	2/28/2005 12:58:01 P

Qualifiers:

*	Value exceeds Maximum Contaminant Level
BRL	Below Reporting Limit
H	Holding times for preparation or analysis exceeded
N	Analyte not NELAC certified
Rpt Limit	Reporting Limit
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	NELAC analyte certification pending
S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *03-Mar-05*

CLIENT: Environmental Management Associates, LL
Client Sample ID: B3 5-6.5
Lab Order: 0502D13
Collection Date: 2/25/2005
Project: Milton Ave
Lab ID: 0502D13-007
Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	2.72		mg/Kg	55211	1	2/28/2005 7:21:00 PM
Barium	BRL	2.72		mg/Kg	55211	1	2/28/2005 7:21:00 PM
Cadmium	BRL	1.36		mg/Kg	55211	1	2/28/2005 7:21:00 PM
Chromium	BRL	1.36		mg/Kg	55211	1	2/28/2005 7:21:00 PM
Lead	3.19	2.72		mg/Kg	55211	1	2/28/2005 7:21:00 PM
Selenium	BRL	2.72		mg/Kg	55211	1	2/28/2005 7:21:00 PM
Silver	BRL	1.36		mg/Kg	55211	1	2/28/2005 7:21:00 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **EM**
Mercury	BRL	0.0996		mg/Kg	55223	1	2/28/2005 12:59:51 P

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMAIBC Work Order Number 0502013

Checklist completed by Ahmet Gren 2/25/15
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 4.0°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes __ No ✓

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\SampleReceiptChecklistRptREV.rtf

CLIENT: Environmental Management Associates, LL
Work Order: 0502D13
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55211

Sample ID **MB-55211**	SampType: **MBLK**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **2/28/2005**	RunNo: **62405**
Client ID:	Batch ID: **55211**	TestNo: **SW6010B**		Analysis Date: **2/28/2005**	SeqNo: **1222723**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID **LCS-55211**	SampType: **LCS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **2/28/2005**	RunNo: **62405**
Client ID:	Batch ID: **55211**	TestNo: **SW6010B**		Analysis Date: **2/28/2005**	SeqNo: **1222722**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	47.67	5.00	50	0	95.3	80	120	0	0		
Barium	47.64	5.00	50	0	95.3	80	120	0	0		
Cadmium	46.77	2.50	50	0	93.5	80	120	0	0		
Chromium	47.65	2.50	50	0.0905	95.1	80	120	0	0		
Lead	47.57	5.00	50	0.0765	95	80	120	0	0		
Selenium	46.38	5.00	50	0	92.8	80	120	0	0		
Silver	4.598	2.50	5	0	92	80	120	0	0		

Sample ID **0502D13-002AMS**	SampType: **MS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **2/28/2005**	RunNo: **62405**
Client ID: **D-2**	Batch ID: **55211**	TestNo: **SW6010B**		Analysis Date: **2/28/2005**	SeqNo: **1222727**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	47.77	4.36	43.64	13.46	78.6	75	125	0	0		
Barium	187.6	4.36	43.64	150.3	85.5	75	125	0	0		
Cadmium	65.86	2.18	43.64	31.04	79.8	75	125	0	0		
Chromium	90.14	2.18	43.64	45.73	102	75	125	0	0		
Lead	553.1	4.36	43.64	501	119	75	125	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0502D13
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55211

Sample ID 0502D13-002AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 2/28/2005	RunNo: 62405
Client ID: D-2	Batch ID: 55211	TestNo: SW6010B		Analysis Date: 2/28/2005	SeqNo: 1222727

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	39.41	4.36	43.64	1.322	87.3	75	125	0	0		
Silver	7.893	2.18	4.364	1.305	151	75	125	0	0		S

Sample ID 0502D13-002AMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 2/28/2005	RunNo: 62405
Client ID: D-2	Batch ID: 55211	TestNo: SW6010B		Analysis Date: 2/28/2005	SeqNo: 1222728

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	46.89	4.29	42.85	13.46	78	75	125	47.77	1.85	20	
Barium	177.6	4.29	42.85	150.3	63.7	75	125	187.6	5.48	20	S
Cadmium	65.17	2.14	42.85	31.04	79.6	75	125	65.86	1.06	20	
Chromium	79.81	2.14	42.85	45.73	79.5	75	125	90.14	12.2	20	
Lead	512.3	4.29	42.85	501	26.4	75	125	553.1	7.65	20	S
Selenium	39.74	4.29	42.85	1.322	89.6	75	125	39.41	0.830	20	
Silver	5.084	2.14	4.285	1.305	88.2	75	125	7.893	43.3	20	R

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0502D13
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55223

Sample ID MB-55223	SampType: MBLK	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 2/28/2005	RunNo: 62374
Client ID:	Batch ID: 55223	TestNo: SW7471A		Analysis Date: 2/28/2005	SeqNo: 1221889

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.100									

Sample ID LCS-55223	SampType: LCS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 2/28/2005	RunNo: 62374
Client ID:	Batch ID: 55223	TestNo: SW7471A		Analysis Date: 2/28/2005	SeqNo: 1221890

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3953	0.100	0.4	0	98.8	80	120	0	0		

Sample ID 0502C53-001BMS	SampType: MS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 2/28/2005	RunNo: 62374
Client ID:	Batch ID: 55223	TestNo: SW7471A		Analysis Date: 2/28/2005	SeqNo: 1221892

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4582	0.0998	0.3992	0.03371	106	70	130	0	0		

Sample ID 0502C53-001BMSD	SampType: MSD	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 2/28/2005	RunNo: 62374
Client ID:	Batch ID: 55223	TestNo: SW7471A		Analysis Date: 2/28/2005	SeqNo: 1221893

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4437	0.0992	0.3968	0.03371	103	70	130	0.4582	3.21	30	

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- BRL Below Reporting Limit
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- N Analyte not NELAC certified

CLIENT: Environmental Management Associates, LL
Work Order: 0502D13
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55228

Sample ID **MB-55228**	SampType: **MBLK**	TestCode: **DRO_S**	Units: **mg/Kg**	Prep Date: **2/28/2005**	RunNo: **62388**
Client ID:	Batch ID: **55228**	TestNo: **SW8015B**		Analysis Date: **2/28/2005**	SeqNo: **1222305**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel Range Organics)	BRL	6.7									
Surr: Dioctylphthalate	2.706	0	3.3	0	82	41.2	137	0	0		

Sample ID **LCS-55228**	SampType: **LCS**	TestCode: **DRO_S**	Units: **mg/Kg**	Prep Date: **2/28/2005**	RunNo: **62388**
Client ID:	Batch ID: **55228**	TestNo: **SW8015B**		Analysis Date: **2/28/2005**	SeqNo: **1222311**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel Range Organics)	27.16	6.7	33.3	0	81.6	41.1	119	0	0		
Surr: Dioctylphthalate	2.814	0	3.33	0	84.5	41.2	137	0	0		

Sample ID **0502D10-004AMS**	SampType: **MS**	TestCode: **DRO_S**	Units: **mg/Kg**	Prep Date: **2/28/2005**	RunNo: **62388**
Client ID:	Batch ID: **55228**	TestNo: **SW8015B**		Analysis Date: **2/28/2005**	SeqNo: **1222319**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel Range Organics)	28.49	6.7	33.28	0	85.6	26.5	128	0	0		
Surr: Dioctylphthalate	3.037	0	3.328	0	91.3	41.2	137	0	0		

Sample ID **0502D10-004AMSD**	SampType: **MSD**	TestCode: **DRO_S**	Units: **mg/Kg**	Prep Date: **2/28/2005**	RunNo: **62388**
Client ID:	Batch ID: **55228**	TestNo: **SW8015B**		Analysis Date: **2/28/2005**	SeqNo: **1222320**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel Range Organics)	24.66	6.7	33.24	0	74.2	26.5	128	28.49	14.4	32.2	
Surr: Dioctylphthalate	2.801	0	3.324	0	84.3	41.2	137	3.037	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0502D13
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55237

Sample ID **MB-55237**	SampType: **MBLK**	TestCode: **8270_PAH_S**	Units: **µg/Kg**	Prep Date: **2/28/2005**	RunNo: **62550**
Client ID:	Batch ID: **55237**	TestNo: **SW8270C**		Analysis Date: **3/2/2005**	SeqNo: **1225378**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	BRL	330									
2-Methylnaphthalene	BRL	330									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Anthracene	BRL	330									
Benz(a)anthracene	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Chrysene	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Naphthalene	BRL	330									
Phenanthrene	BRL	330									
Pyrene	BRL	330									
Surr: 2-Fluorobiphenyl	1433	0	1667	0	86	53.3	120	0	0		
Surr: 4-Terphenyl-d14	1381	0	1667	0	82.9	51.6	120	0	0		
Surr: Nitrobenzene-d5	1325	0	1667	0	79.5	39	120	0	0		

Sample ID **LCS-55237**	SampType: **LCS**	TestCode: **8270_PAH_S**	Units: **µg/Kg**	Prep Date: **2/28/2005**	RunNo: **62550**
Client ID:	Batch ID: **55237**	TestNo: **SW8270C**		Analysis Date: **3/2/2005**	SeqNo: **1225379**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1414	330	1667	0	84.9	63.4	120	0	0		
Acenaphthylene	1403	330	1667	0	84.2	65	120	0	0		
Anthracene	1405	330	1667	0	84.3	56.5	120	0	0		
Benz(a)anthracene	1427	330	1667	0	85.6	68.6	120	0	0		
Benzo(a)pyrene	1381	330	1667	0	82.8	57.3	120	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0502D13
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55237

Sample ID LCS-55237	SampType: LCS	TestCode: 8270_PAH_S	Units: µg/Kg	Prep Date: 2/28/2005	RunNo: 62550
Client ID:	Batch ID: 55237	TestNo: SW8270C		Analysis Date: 3/2/2005	SeqNo: 1225379

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	1428	330	1667	0	85.7	56.3	120	0	0		
Benzo(g,h,i)perylene	1296	330	1667	0	77.7	46.9	128	0	0		
Benzo(k)fluoranthene	1409	330	1667	0	84.5	54.3	122	0	0		
Chrysene	1466	330	1667	0	87.9	68.4	120	0	0		
Dibenz(a,h)anthracene	1372	330	1667	0	82.3	52.4	123	0	0		
Fluoranthene	1551	330	1667	0	93	66.9	120	0	0		
Fluorene	1493	330	1667	0	89.6	67.5	120	0	0		
Indeno(1,2,3-cd)pyrene	1365	330	1667	0	81.9	54	120	0	0		
Naphthalene	1330	330	1667	0	79.8	57.1	120	0	0		
Phenanthrene	1466	330	1667	0	87.9	66.8	120	0	0		
Pyrene	1362	330	1667	0	81.7	62.8	120	0	0		
Surr: 2-Fluorobiphenyl	1472	0	1667	0	88.3	53.3	120	0	0		
Surr: 4-Terphenyl-d14	1490	0	1667	0	89.4	51.6	120	0	0		
Surr: Nitrobenzene-d5	1338	0	1667	0	80.3	39	120	0	0		

Sample ID 0502D08-002BMS	SampType: MS	TestCode: 8270_PAH_S	Units: µg/Kg	Prep Date: 2/28/2005	RunNo: 62550
Client ID:	Batch ID: 55237	TestNo: SW8270C		Analysis Date: 3/2/2005	SeqNo: 1225381

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1343	330	1665	0	80.7	54.5	120	0	0		
Acenaphthylene	1342	330	1665	0	80.6	57.4	120	0	0		
Anthracene	1362	330	1665	0	81.8	47.1	122	0	0		
Benz(a)anthracene	1359	330	1665	0	81.6	56	120	0	0		
Benzo(a)pyrene	1324	330	1665	0	79.5	48.8	120	0	0		
Benzo(b)fluoranthene	1374	330	1665	0	82.5	44.5	120	0	0		
Benzo(g,h,i)perylene	1290	330	1665	0	77.5	32.2	134	0	0		
Benzo(k)fluoranthene	1330	330	1665	0	79.9	45.5	121	0	0		
Chrysene	1392	330	1665	0	83.6	53.1	111	0	0		
Dibenz(a,h)anthracene	1335	330	1665	0	80.2	39.9	129	0	0		
Fluoranthene	1471	330	1665	0	88.3	51.6	120	0	0		
Fluorene	1416	330	1665	0	85.1	58.3	120	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0502D13
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55237

Sample ID **0502D08-002BMS** SampType: **MS** TestCode: **8270_PAH_S** Units: **µg/Kg** Prep Date: **2/28/2005** RunNo: **62550**
Client ID: Batch ID: **55237** TestNo: **SW8270C** Analysis Date: **3/2/2005** SeqNo: **1225381**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	1331	330	1665	0	79.9	41.3	126	0	0		
Naphthalene	1275	330	1665	0	76.6	20.2	135	0	0		
Phenanthrene	1394	330	1665	0	83.7	57.3	120	0	0		
Pyrene	1289	330	1665	0	77.4	23.9	145	0	0		
Surr: 2-Fluorobiphenyl	1395	0	1665	0	83.8	53.3	120	0	0		
Surr: 4-Terphenyl-d14	1392	0	1665	0	83.6	51.6	120	0	0		
Surr: Nitrobenzene-d5	1260	0	1665	0	75.7	39	120	0	0		

Sample ID **0502D08-002BMSD** SampType: **MSD** TestCode: **8270_PAH_S** Units: **µg/Kg** Prep Date: **2/28/2005** RunNo: **62550**
Client ID: Batch ID: **55237** TestNo: **SW8270C** Analysis Date: **3/2/2005** SeqNo: **1225382**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1402	330	1665	0	84.2	54.5	120	1343	4.25	20	
Acenaphthylene	1404	330	1665	0	84.3	57.4	120	1342	4.46	20	
Anthracene	1414	330	1665	0	84.9	47.1	122	1362	3.72	20	
Benz(a)anthracene	1413	330	1665	0	84.9	56	120	1359	3.89	20	
Benzo(a)pyrene	1371	330	1665	0	82.4	48.8	120	1324	3.51	20	
Benzo(b)fluoranthene	1369	330	1665	0	82.2	44.5	120	1374	0.364	20	
Benzo(g,h,i)perylene	1335	330	1665	0	80.2	32.2	134	1290	3.37	20	
Benzo(k)fluoranthene	1421	330	1665	0	85.3	45.5	121	1330	6.56	20	
Chrysene	1433	330	1665	0	86.1	53.1	111	1392	2.92	20	
Dibenz(a,h)anthracene	1414	330	1665	0	84.9	39.9	129	1335	5.74	20	
Fluoranthene	1518	330	1665	0	91.2	51.6	120	1471	3.16	20	
Fluorene	1497	330	1665	0	89.9	58.3	120	1416	5.55	20	
Indeno(1,2,3-cd)pyrene	1390	330	1665	0	83.5	41.3	126	1331	4.33	20	
Naphthalene	1325	330	1665	0	79.6	20.2	135	1275	3.84	20	
Phenanthrene	1441	330	1665	0	86.5	57.3	120	1394	3.31	20	
Pyrene	1341	330	1665	0	80.6	23.9	145	1289	3.98	20	
Surr: 2-Fluorobiphenyl	1437	0	1665	0	86.3	53.3	120	1395	0	0	
Surr: 4-Terphenyl-d14	1439	0	1665	0	86.4	51.6	120	1392	0	0	
Surr: Nitrobenzene-d5	1301	0	1665	0	78.2	39	120	1260	0	0	

Qualifiers:
B Analyte detected in the associated Method Blank
BRL Below Reporting Limit
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
N Analyte not NELAC certified
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0502D13
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55237

Sample ID MB-55237	SampType: MBLK	TestCode: 8270_PAH_S	Units: mg/Kg	Prep Date: 2/28/2005	RunNo: 62552
Client ID:	Batch ID: 55237	TestNo: SW8270C		Analysis Date: 3/2/2005	SeqNo: 1225403

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	BRL	0.33									
2-Methylnaphthalene	BRL	0.33									
Acenaphthene	BRL	0.33									
Acenaphthylene	BRL	0.33									
Anthracene	BRL	0.33									
Benz(a)anthracene	BRL	0.33									
Benzo(a)pyrene	BRL	0.33									
Benzo(b)fluoranthene	BRL	0.33									
Benzo(g,h,i)perylene	BRL	0.33									
Benzo(k)fluoranthene	BRL	0.33									
Chrysene	BRL	0.33									
Dibenz(a,h)anthracene	BRL	0.33									
Fluoranthene	BRL	0.33									
Fluorene	BRL	0.33									
Indeno(1,2,3-cd)pyrene	BRL	0.33									
Naphthalene	BRL	0.33									
Phenanthrene	BRL	0.33									
Pyrene	BRL	0.33									
Surr: 2-Fluorobiphenyl	1.433	0	1.667	0	86	53.3	120	0	0		
Surr: 4-Terphenyl-d14	1.381	0	1.667	0	82.9	51.6	120	0	0		
Surr: Nitrobenzene-d5	1.325	0	1.667	0	79.5	39	120	0	0		

Sample ID LCS-55237	SampType: LCS	TestCode: 8270_PAH_S	Units: mg/Kg	Prep Date: 2/28/2005	RunNo: 62552
Client ID:	Batch ID: 55237	TestNo: SW8270C		Analysis Date: 3/2/2005	SeqNo: 1225404

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.414	0.33	1.667	0	84.9	63.4	120	0	0		
Acenaphthylene	1.403	0.33	1.667	0	84.2	65	120	0	0		
Anthracene	1.405	0.33	1.667	0	84.3	56.5	120	0	0		
Benz(a)anthracene	1.427	0.33	1.667	0	85.6	68.6	120	0	0		
Benzo(a)pyrene	1.381	0.33	1.667	0	82.8	57.3	120	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0502D13
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55237

Sample ID LCS-55237	SampType: LCS	TestCode: 8270_PAH_S	Units: mg/Kg	Prep Date: 2/28/2005	RunNo: 62552
Client ID:	Batch ID: 55237	TestNo: SW8270C		Analysis Date: 3/2/2005	SeqNo: 1225404

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	1.428	0.33	1.667	0	85.7	56.3	120	0	0		
Benzo(g,h,i)perylene	1.296	0.33	1.667	0	77.7	46.9	128	0	0		
Benzo(k)fluoranthene	1.409	0.33	1.667	0	84.5	54.3	122	0	0		
Chrysene	1.466	0.33	1.667	0	87.9	68.4	120	0	0		
Dibenz(a,h)anthracene	1.372	0.33	1.667	0	82.3	52.4	123	0	0		
Fluoranthene	1.551	0.33	1.667	0	93	66.9	120	0	0		
Fluorene	1.493	0.33	1.667	0	89.6	67.5	120	0	0		
Indeno(1,2,3-cd)pyrene	1.365	0.33	1.667	0	81.9	54	120	0	0		
Naphthalene	1.33	0.33	1.667	0	79.8	57.1	120	0	0		
Phenanthrene	1.466	0.33	1.667	0	87.9	66.8	120	0	0		
Pyrene	1.362	0.33	1.667	0	81.7	62.8	120	0	0		
Surr: 2-Fluorobiphenyl	1.472	0	1.667	0	88.3	53.3	120	0	0		
Surr: 4-Terphenyl-d14	1.49	0	1.667	0	89.4	51.6	120	0	0		
Surr: Nitrobenzene-d5	1.338	0	1.667	0	80.3	39	120	0	0		

Sample ID 0502D08-002BMS	SampType: MS	TestCode: 8270_PAH_S	Units: mg/Kg	Prep Date: 2/28/2005	RunNo: 62552
Client ID:	Batch ID: 55237	TestNo: SW8270C		Analysis Date: 3/2/2005	SeqNo: 1225406

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.343	0.33	1.665	0	80.7	54.5	120	0	0		
Acenaphthylene	1.342	0.33	1.665	0	80.6	57.4	120	0	0		
Anthracene	1.362	0.33	1.665	0	81.8	47.1	122	0	0		
Benz(a)anthracene	1.359	0.33	1.665	0	81.6	56	120	0	0		
Benzo(a)pyrene	1.324	0.33	1.665	0	79.5	48.8	120	0	0		
Benzo(b)fluoranthene	1.374	0.33	1.665	0	82.5	44.5	120	0	0		
Benzo(g,h,i)perylene	1.29	0.33	1.665	0	77.5	32.2	134	0	0		
Benzo(k)fluoranthene	1.33	0.33	1.665	0	79.9	45.5	121	0	0		
Chrysene	1.392	0.33	1.665	0	83.6	53.1	111	0	0		
Dibenz(a,h)anthracene	1.335	0.33	1.665	0	80.2	39.9	129	0	0		
Fluoranthene	1.471	0.33	1.665	0	88.3	51.6	120	0	0		
Fluorene	1.416	0.33	1.665	0	85.1	58.3	120	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0502D13
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55237

Sample ID **0502D08-002BMS** SampType: **MS** TestCode: **8270_PAH_S** Units: **mg/Kg** Prep Date: **2/28/2005** RunNo: **62552**
Client ID: Batch ID: **55237** TestNo: **SW8270C** Analysis Date: **3/2/2005** SeqNo: **1225406**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	1.331	0.33	1.665	0	79.9	41.3	126	0	0		
Naphthalene	1.275	0.33	1.665	0	76.6	20.2	135	0	0		
Phenanthrene	1.394	0.33	1.665	0	83.7	57.3	120	0	0		
Pyrene	1.289	0.33	1.665	0	77.4	23.9	145	0	0		
Surr: 2-Fluorobiphenyl	1.395	0	1.665	0	83.8	53.3	120	0	0		
Surr: 4-Terphenyl-d14	1.392	0	1.665	0	83.6	51.6	120	0	0		
Surr: Nitrobenzene-d5	1.26	0	1.665	0	75.7	39	120	0	0		

Sample ID **0502D08-002BMSD** SampType: **MSD** TestCode: **8270_PAH_S** Units: **mg/Kg** Prep Date: **2/28/2005** RunNo: **62552**
Client ID: Batch ID: **55237** TestNo: **SW8270C** Analysis Date: **3/2/2005** SeqNo: **1225408**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.402	0.33	1.665	0	84.2	54.5	120	1.343	4.25	20	
Acenaphthylene	1.404	0.33	1.665	0	84.3	57.4	120	1.342	4.46	20	
Anthracene	1.414	0.33	1.665	0	84.9	47.1	122	1.362	3.72	20	
Benz(a)anthracene	1.413	0.33	1.665	0	84.9	56	120	1.359	3.89	20	
Benzo(a)pyrene	1.371	0.33	1.665	0	82.4	48.8	120	1.324	3.51	20	
Benzo(b)fluoranthene	1.369	0.33	1.665	0	82.2	44.5	120	1.374	0.364	20	
Benzo(g,h,i)perylene	1.335	0.33	1.665	0	80.2	32.2	134	1.29	3.37	20	
Benzo(k)fluoranthene	1.421	0.33	1.665	0	85.3	45.5	121	1.33	6.56	20	
Chrysene	1.433	0.33	1.665	0	86.1	53.1	111	1.392	2.92	20	
Dibenz(a,h)anthracene	1.414	0.33	1.665	0	84.9	39.9	129	1.335	5.74	20	
Fluoranthene	1.518	0.33	1.665	0	91.2	51.6	120	1.471	3.16	20	
Fluorene	1.497	0.33	1.665	0	89.9	58.3	120	1.416	5.55	20	
Indeno(1,2,3-cd)pyrene	1.39	0.33	1.665	0	83.5	41.3	126	1.331	4.33	20	
Naphthalene	1.325	0.33	1.665	0	79.6	20.2	135	1.275	3.84	20	
Phenanthrene	1.441	0.33	1.665	0	86.5	57.3	120	1.394	3.31	20	
Pyrene	1.341	0.33	1.665	0	80.6	23.9	145	1.289	3.98	20	
Surr: 2-Fluorobiphenyl	1.437	0	1.665	0	86.3	53.3	120	1.395	0	0	
Surr: 4-Terphenyl-d14	1.439	0	1.665	0	86.4	51.6	120	1.392	0	0	
Surr: Nitrobenzene-d5	1.301	0	1.665	0	78.2	39	120	1.26	0	0	

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
BRL Below Reporting Limit
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
N Analyte not NELAC certified

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

March 07, 2005

Brent Cortelloni
Environmental Management Associates, LLC
4488 Commerce Drive
Suite A
Buford, Georgia 30518

TEL: (770) 271-4628
FAX (770) 271-8944

RE: Milton Ave

Order No.: 0503240

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 2 samples on 2/25/2005 2:26:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/04-04/30/05.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 10 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0502013

Date: _____ Page _____ of _____

COMPANY: EMA / BC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. [redacted]

SIGNATURE: B. [redacted]

ANALYSIS REQUESTED

Total RCRA Metals | TPH-DRO | ~~TPH-GRO~~ PAH

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	D-1	2-25-05		X		S	X		
2	D-2	↓		↓		↓	X		
3	D-3						X		
4	TP-4 0-2						X	X X	
5	TP-2 3-4						X		
6	B2 6-7						X		
7	B3 5-6.5	↓		↓		↓	X		
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY / DATE/TIME

1: B. [redacted] 2/25/05 7:26

2:

3:

RECEIVED BY / DATE/TIME

1: [redacted] 2/25/05 2:26

2:

3:

PROJECT INFORMATION

PROJECT NAME: 80 Milton Ave

PROJECT #: 507

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request

- [X] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	D-2
Lab Order:	0503240	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	2/25/2005
Lab ID:	0503240-001A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
ICP METALS, TCLP		**SW1311/6010B**			**(SW3010A)**		Analyst: **BB**
Lead	0.175	0.0500		mg/L	55456	1	3/7/2005 10:46:00 AM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMAIBC Work Order Number 0502013

Checklist completed by Ahmet Gren 2/25/15
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 4.0°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes __ No ✓

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\SampleReceiptChecklistRptREV.rtf

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT: Environmental Management Associates, LL
Project: Milton Ave
Lab Order: 0503240

CASE NARRATIVE

Per Brent Cortelloni 3/2/05, analyze sample T2-2-3-4 for BTEX and sample D-2 for TCLP Pb as next day rush.

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	T2-2 3-4
Lab Order:	0503240	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	2/25/2005
Lab ID:	0503240-002A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
VOLATILE ORGANICS		**SW8260B**					Analyst: **AD**
m,p-Xylene	BRL	0.99		µg/Kg	55397	1	3/6/2005 2:58:00 PM
o-Xylene	BRL	0.99		µg/Kg	55397	1	3/6/2005 2:58:00 PM
Methyl tert-butyl ether	BRL	5.0		µg/Kg	55397	1	3/6/2005 2:58:00 PM
Benzene	BRL	0.99		µg/Kg	55397	1	3/6/2005 2:58:00 PM
Toluene	1.3	0.99		µg/Kg	55397	1	3/6/2005 2:58:00 PM
Ethylbenzene	BRL	0.99		µg/Kg	55397	1	3/6/2005 2:58:00 PM
Surr: 4-Bromofluorobenzene	110	55.1-138		%REC	55397	1	3/6/2005 2:58:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0503240
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55397

Sample ID **MB-55397**	SampType: **MBLK**	TestCode: **BTEX_S-MS**	Units: **µg/Kg**	Prep Date: **3/3/2005**	RunNo: **62588**
Client ID:	Batch ID: **55397**	TestNo: **SW8260B**		Analysis Date: **3/3/2005**	SeqNo: **1226191**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	BRL	1.0									
Ethylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
Methyl tert-butyl ether	BRL	5.0									
o-Xylene	BRL	1.0									
Toluene	BRL	1.0									
Xylenes, Total	BRL	2.0									
Surr: 4-Bromofluorobenzene	49.43	0	50	0	98.9	55.1	138	0	0		

Sample ID **LCS-55397**	SampType: **LCS**	TestCode: **BTEX_S-MS**	Units: **µg/Kg**	Prep Date: **3/3/2005**	RunNo: **62588**
Client ID:	Batch ID: **55397**	TestNo: **SW8260B**		Analysis Date: **3/3/2005**	SeqNo: **1226199**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	58.35	1.0	50	0	117	70.9	124	0	0		
Ethylbenzene	58.38	1.0	50	0	117	76.7	131	0	0		
m,p-Xylene	112.6	1.0	100	0	113	76.4	135	0	0		
Methyl tert-butyl ether	53.2	5.0	50	0	106	68	139	0	0		
o-Xylene	56.09	1.0	50	0	112	78.4	131	0	0		
Toluene	60.9	1.0	50	0	122	70.7	124	0	0		
Xylenes, Total	168.7	2.0	150	0	112	60	149	0	0		
Surr: 4-Bromofluorobenzene	56.11	0	50	0	112	55.1	138	0	0		

Sample ID **0503240-002AMS**	SampType: **MS**	TestCode: **BTEX_S-MS**	Units: **µg/Kg**	Prep Date: **3/3/2005**	RunNo: **62715**
Client ID: **T2-2 3-4**	Batch ID: **55397**	TestNo: **SW8260B**		Analysis Date: **3/6/2005**	SeqNo: **1228632**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	46.82	1.0	50	0	93.6	67.2	126	0	0		
Ethylbenzene	53.17	1.0	50	0	106	63.6	141	0	0		
m,p-Xylene	111.5	1.0	100	0	112	60.2	145	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0503240
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55397

Sample ID **0503240-002AMS**	SampType: **MS**	TestCode: **BTEX_S-MS**	Units: **µg/Kg**	Prep Date: **3/3/2005**	RunNo: **62715**
Client ID: **T2-2 3-4**	Batch ID: **55397**	TestNo: **SW8260B**		Analysis Date: **3/6/2005**	SeqNo: **1228632**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	115.6	5.0	100	0	116	53.8	147	0	0		
o-Xylene	55.2	1.0	50	0	110	64.2	141	0	0		
Toluene	46.1	1.0	50	1.27	89.7	57.2	133	0	0		
Xylenes, Total	166.7	2.0	150	0	111	60	149	0	0		
Surr: 4-Bromofluorobenzene	59.36	0	50	0	119	55.1	138	0	0		

Sample ID **0503240-002AMSD**	SampType: **MSD**	TestCode: **BTEX_S-MS**	Units: **µg/Kg**	Prep Date: **3/3/2005**	RunNo: **62715**
Client ID: **T2-2 3-4**	Batch ID: **55397**	TestNo: **SW8260B**		Analysis Date: **3/6/2005**	SeqNo: **1228633**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	46.38	1.0	50	0	92.8	67.2	126	46.82	0.944	20	
Ethylbenzene	53.36	1.0	50	0	107	63.6	141	53.17	0.357	20	
m,p-Xylene	111.3	1.0	100	0	111	60.2	145	111.5	0.197	20	
Methyl tert-butyl ether	118.1	5.0	100	0	118	53.8	147	115.6	2.17	20	
o-Xylene	54.08	1.0	50	0	108	64.2	141	55.2	2.05	20	
Toluene	46.22	1.0	50	1.27	89.9	57.2	133	46.1	0.260	20	
Xylenes, Total	165.4	2.0	150	0	110	60	149	166.7	0.807	20	
Surr: 4-Bromofluorobenzene	59.62	0	50	0	119	55.1	138	59.36	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0503240
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55456

Sample ID **MB-55456**	SampType: **MBLK**	TestCode: **1311_M**	Units: **mg/L**	Prep Date: **3/7/2005**	RunNo: **62708**
Client ID:	Batch ID: **55456**	TestNo: **SW1311/6010**		Analysis Date: **3/7/2005**	SeqNo: **1228529**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250									
Barium	BRL	0.500									
Cadmium	BRL	0.0250									
Chromium	BRL	0.0500									
Lead	BRL	0.0500									
Selenium	BRL	0.100									
Silver	BRL	0.0250									

Sample ID **LCS-55456**	SampType: **LCS**	TestCode: **1311_M**	Units: **mg/L**	Prep Date: **3/7/2005**	RunNo: **62708**
Client ID:	Batch ID: **55456**	TestNo: **SW1311/6010**		Analysis Date: **3/7/2005**	SeqNo: **1228528**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.013	0.250	5	0	100	85	115	0	0		*
Barium	4.434	0.500	5	0.0301	88.1	80	120	0	0		
Cadmium	4.855	0.0250	5	0.00325	97	85	115	0	0		*
Chromium	4.679	0.0500	5	0.0076	93.4	85	115	0	0		
Lead	4.519	0.0500	5	0	90.4	85	115	0	0		
Selenium	5.228	0.100	5	0	105	85	115	0	0		*
Silver	0.4855	0.0250	0.5	0	97.1	85	115	0	0		

Sample ID **0503168-001AMS**	SampType: **MS**	TestCode: **1311_M**	Units: **mg/L**	Prep Date: **3/7/2005**	RunNo: **62708**
Client ID:	Batch ID: **55456**	TestNo: **SW1311/6010**		Analysis Date: **3/7/2005**	SeqNo: **1228532**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.105	0.250	5	0	102	50	150	0	0		*
Barium	4.758	0.500	5	0.3256	88.6	50	150	0	0		
Cadmium	4.869	0.0250	5	0	97.4	50	150	0	0		*
Chromium	4.703	0.0500	5	0.0135	93.8	50	150	0	0		
Lead	4.514	0.0500	5	0	90.3	50	150	0	0		
Selenium	5.246	0.100	5	0	105	50	150	0	0		*
Silver	0.4998	0.0250	0.5	0.00895	98.2	50	150	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0503240
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55456

Sample ID **0503168-001AMSD**	SampType: **MSD**	TestCode: **1311_M**	Units: **mg/L**	Prep Date: **3/7/2005**	RunNo: **62708**
Client ID:	Batch ID: **55456**	TestNo: **SW1311/6010**		Analysis Date: **3/7/2005**	SeqNo: **1228533**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.889	0.250	5	0	97.8	50	150	5.105	4.32	30	
Barium	4.642	0.500	5	0.3256	86.3	50	150	4.758	2.47	30	
Cadmium	4.706	0.0250	5	0	94.1	50	150	4.869	3.41	30	*
Chromium	4.565	0.0500	5	0.0135	91	50	150	4.703	2.99	30	
Lead	4.375	0.0500	5	0	87.5	50	150	4.514	3.14	30	
Selenium	5.131	0.100	5	0	103	50	150	5.246	2.21	30	*
Silver	0.4816	0.0250	0.5	0.00895	94.5	50	150	0.4998	3.70	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

March 18, 2005

Brent Cortelloni
Environmental Management Associates, LLC
4488 Commerce Drive
Suite A
Buford, Georgia 30518

TEL: (770) 271-4628
FAX (770) 271-8944

RE: Milton Ave

Order No.: 0503457

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 6 samples on 3/10/2005 11:55:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/04-04/30/05.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 21 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0503457

Date: _____ Page _____ of _____

COMPANY: EMA/BC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: Brent Godlen

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	ANALYSIS REQUESTED: Total Lead	PAH	PH-DRO	REMARKS	No # of Containers
1	D-2 Dup	3-10-05		X			X					
2	D-4			X			X					
3	D-5			X			X					
4	TP-4-4			X				X	X			
5	TP-5-3			X				X	X			
6	TP-5-5			X				X	X			
7												
8												
9												
10												
11												
12												
13												
14												

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY / DATE/TIME
1: 3-10-05
2:
3:

RECEIVED BY / DATE/TIME
1: 3/10/05 1655
2:
3:

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Milton Ave
PROJECT #: 508
SITE ADDRESS:
SEND REPORT TO:
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time Request
X Standard 5 Business Days
O 2 Business Day Rush
O Next Business Day Rush
O Same Day Rush **(auth req.)**
O Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II (III) IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA/BC Work Order Number 0503457

Checklist completed by Phil Hodzic 5/10/05
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 6.2 on ice Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc. **Date:** *18-Mar-05*

CLIENT: Environmental Management Associates, LL
Project: Milton Ave
Lab Order: 0503457

CASE NARRATIVE

Client requested BTEX analysis on samples TP-4-4, TP-5-3, and TP-5-5. Samples were preserved outside the holding time of 48 hours. Client was notified and laboratory proceeded with analysis. Results are needed Friday 3/18/05.

PAH Analysis by Method 8270C:

Percent recoveries for the internal standard compounds acenaphthene-d10 and phenanthrene-d10 on sample 0503457-005A were outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Due to sample matrices, samples 0503457-004A and 005A required dilution during analysis resulting in elevated reporting limits for some target compounds.

DRO Analysis by Method 8015B:

Matrix spike and matrix spike duplicate recoveries for DRO on sample 0503457-004A were outside control limits biased high. LCS recovery was within control limits indicating possible matrix interference.

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	D-2 Dup
Lab Order:	0503457	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/10/2005
Lab ID:	0503457-001A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **CDW**
Lead	306	4.58		mg/Kg	55655	1	3/13/2005 4:22:55 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	D-4
Lab Order:	0503457	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/10/2005
Lab ID:	0503457-002A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **CDW**
Lead	383	4.88		mg/Kg	55655	1	3/13/2005 4:26:10 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	D-5
Lab Order:	0503457	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/10/2005
Lab ID:	0503457-003A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **CDW**
Lead	207	4.70		mg/Kg	55655	1	3/13/2005 4:29:24 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TP-4-4
Lab Order:	0503457	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/10/2005
Lab ID:	0503457-004A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
DIESEL RANGE ORGANICS		**SW8015B**			**(SW3550A)**		Analyst: **RS**
TPH (Diesel Range Organics)	1600	67		mg/Kg	55674	10	3/15/2005 2:39:00 PM
Surr: Dioctylphthalate	124	41.2-137		%REC	55674	10	3/15/2005 2:39:00 PM
POLYAROMATIC HYDROCARBONS		**SW8270C**			**(SW3550)**		Analyst: **EP**
Naphthalene	BRL	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Acenaphthylene	BRL	660		µg/Kg	55644	2	3/14/2005 11:30:00 PI
1-Methylnaphthalene	BRL	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
2-Methylnaphthalene	BRL	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Acenaphthene	BRL	660		µg/Kg	55644	2	3/14/2005 11:30:00 PI
Fluorene	BRL	660		µg/Kg	55644	2	3/14/2005 11:30:00 PI
Phenanthrene	1100	660		µg/Kg	55644	2	3/14/2005 11:30:00 PI
Anthracene	BRL	660		µg/Kg	55644	2	3/14/2005 11:30:00 PI
Fluoranthene	1300	660		µg/Kg	55644	2	3/14/2005 11:30:00 PI
Pyrene	700	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Benz(a)anthracene	400	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Chrysene	420	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Benzo(b)fluoranthene	460	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Benzo(k)fluoranthene	BRL	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Benzo(a)pyrene	340	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Dibenz(a,h)anthracene	BRL	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Benzo(g,h,i)perylene	BRL	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Indeno(1,2,3-cd)pyrene	480	330		µg/Kg	55644	1	3/11/2005 10:21:00 PI
Surr: 2-Fluorobiphenyl	105	53.3-120		%REC	55644	2	3/14/2005 11:30:00 PI
Surr: 4-Terphenyl-d14	77.6	51.6-120		%REC	55644	1	3/11/2005 10:21:00 PI
Surr: Nitrobenzene-d5	94.3	39-120		%REC	55644	1	3/11/2005 10:21:00 PI

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TP-4-4
Lab Order:	0503457	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/10/2005
Lab ID:	0503457-004B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
VOLATILE ORGANICS		**SW8260B**					Analyst: **AD**
m,p-Xylene	2.3	1.0		µg/Kg	55875	1	3/17/2005 2:04:00 PM
o-Xylene	1.0	1.0		µg/Kg	55875	1	3/17/2005 2:04:00 PM
Benzene	BRL	1.0		µg/Kg	55875	1	3/17/2005 2:04:00 PM
Toluene	BRL	1.0		µg/Kg	55875	1	3/17/2005 2:04:00 PM
Ethylbenzene	BRL	1.0		µg/Kg	55875	1	3/17/2005 2:04:00 PM
Surr: 4-Bromofluorobenzene	87.5	55.1-138		%REC	55875	1	3/17/2005 2:04:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TP-5-3
Lab Order:	0503457	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/10/2005
Lab ID:	0503457-005A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
DIESEL RANGE ORGANICS		**SW8015B**			**(SW3550A)**		Analyst: **RS**
TPH (Diesel Range Organics)	3000	67		mg/Kg	55674	10	3/15/2005 4:12:00 PM
Surr: Dioctylphthalate	113	41.2-137		%REC	55674	10	3/15/2005 4:12:00 PM
POLYAROMATIC HYDROCARBONS		**SW8270C**			**(SW3550)**		Analyst: **EP**
Naphthalene	BRL	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Acenaphthylene	BRL	660		µg/Kg	55644	2	3/15/2005 12:05:00 AI
1-Methylnaphthalene	BRL	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
2-Methylnaphthalene	BRL	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Acenaphthene	BRL	660		µg/Kg	55644	2	3/15/2005 12:05:00 AI
Fluorene	BRL	660		µg/Kg	55644	2	3/15/2005 12:05:00 AI
Phenanthrene	BRL	660		µg/Kg	55644	2	3/15/2005 12:05:00 AI
Anthracene	BRL	660		µg/Kg	55644	2	3/15/2005 12:05:00 AI
Fluoranthene	BRL	660		µg/Kg	55644	2	3/15/2005 12:05:00 AI
Pyrene	BRL	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Benz(a)anthracene	BRL	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Chrysene	330	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Benzo(b)fluoranthene	380	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Benzo(k)fluoranthene	BRL	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Benzo(a)pyrene	BRL	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Dibenz(a,h)anthracene	BRL	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Benzo(g,h,i)perylene	BRL	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Indeno(1,2,3-cd)pyrene	390	330		µg/Kg	55644	1	3/11/2005 10:56:00 PI
Surr: 2-Fluorobiphenyl	101	53.3-120		%REC	55644	2	3/15/2005 12:05:00 AI
Surr: 4-Terphenyl-d14	71.3	51.6-120		%REC	55644	1	3/11/2005 10:56:00 PI
Surr: Nitrobenzene-d5	93.5	39-120		%REC	55644	1	3/11/2005 10:56:00 PI

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TP-5-3
Lab Order:	0503457	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/10/2005
Lab ID:	0503457-005B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
VOLATILE ORGANICS		**SW8260B**					Analyst: **AD**
m,p-Xylene	4.6	0.99		µg/Kg	55875	1	3/17/2005 1:11:00 PM
o-Xylene	2.0	0.99		µg/Kg	55875	1	3/17/2005 1:11:00 PM
Benzene	BRL	0.99		µg/Kg	55875	1	3/17/2005 1:11:00 PM
Toluene	2.8	0.99		µg/Kg	55875	1	3/17/2005 1:11:00 PM
Ethylbenzene	1.2	0.99		µg/Kg	55875	1	3/17/2005 1:11:00 PM
Surr: 4-Bromofluorobenzene	59.5	55.1-138		%REC	55875	1	3/17/2005 1:11:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TP-5-5
Lab Order:	0503457	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/10/2005
Lab ID:	0503457-006A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
DIESEL RANGE ORGANICS		**SW8015B**			**(SW3550A)**		Analyst: **RS**
TPH (Diesel Range Organics)	650	67		mg/Kg	55674	10	3/15/2005 5:17:00 PM
Surr: Dioctylphthalate	118	41.2-137		%REC	55674	10	3/15/2005 5:17:00 PM
POLYAROMATIC HYDROCARBONS		**SW8270C**			**(SW3550)**		Analyst: **EP**
Naphthalene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Acenaphthylene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
1-Methylnaphthalene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
2-Methylnaphthalene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Acenaphthene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Fluorene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Phenanthrene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Anthracene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Fluoranthene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Pyrene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Benz(a)anthracene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Chrysene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Benzo(b)fluoranthene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Benzo(k)fluoranthene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Benzo(a)pyrene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Dibenz(a,h)anthracene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Benzo(g,h,i)perylene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Indeno(1,2,3-cd)pyrene	BRL	330		µg/Kg	55644	1	3/11/2005 11:31:00 PI
Surr: 2-Fluorobiphenyl	101	53.3-120		%REC	55644	1	3/11/2005 11:31:00 PI
Surr: 4-Terphenyl-d14	84.4	51.6-120		%REC	55644	1	3/11/2005 11:31:00 PI
Surr: Nitrobenzene-d5	85.8	39-120		%REC	55644	1	3/11/2005 11:31:00 PI

Qualifiers:

*	Value exceeds *Maximum* Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *18-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TP-5-5
Lab Order:	0503457	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/10/2005
Lab ID:	0503457-006B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
VOLATILE ORGANICS		**SW8260B**					Analyst: **AD**
m,p-Xylene	2.2	0.96		µg/Kg	55875	1	3/17/2005 1:38:00 PM
o-Xylene	BRL	0.96		µg/Kg	55875	1	3/17/2005 1:38:00 PM
Benzene	BRL	0.96		µg/Kg	55875	1	3/17/2005 1:38:00 PM
Toluene	BRL	0.96		µg/Kg	55875	1	3/17/2005 1:38:00 PM
Ethylbenzene	BRL	0.96		µg/Kg	55875	1	3/17/2005 1:38:00 PM
Surr: 4-Bromofluorobenzene	79.7	55.1-138		%REC	55875	1	3/17/2005 1:38:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0503457
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55644

Sample ID **MB-55644**	SampType: **MBLK**	TestCode: **8270_PAH_S**	Units: **µg/Kg**	Prep Date: **3/11/2005**	RunNo: **63008**
Client ID:	Batch ID: **55644**	TestNo: **SW8270C**		Analysis Date: **3/11/2005**	SeqNo: **1234804**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	BRL	330									
2-Methylnaphthalene	BRL	330									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Anthracene	BRL	330									
Benz(a)anthracene	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Chrysene	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Naphthalene	BRL	330									
Phenanthrene	BRL	330									
Pyrene	BRL	330									
Surr: 2-Fluorobiphenyl	1459	0	1667	0	87.5	53.3	120	0	0		
Surr: 4-Terphenyl-d14	1751	0	1667	0	105	51.6	120	0	0		
Surr: Nitrobenzene-d5	1430	0	1667	0	85.8	39	120	0	0		

Sample ID **LCS-55644**	SampType: **LCS**	TestCode: **8270_PAH_S**	Units: **µg/Kg**	Prep Date: **3/11/2005**	RunNo: **63008**
Client ID:	Batch ID: **55644**	TestNo: **SW8270C**		Analysis Date: **3/11/2005**	SeqNo: **1234809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1427	330	1667	0	85.6	63.4	120	0	0		
Acenaphthylene	1434	330	1667	0	86.1	65	120	0	0		
Anthracene	1422	330	1667	0	85.3	56.5	120	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0503457
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55644

Sample ID **LCS-55644**	SampType: **LCS**	TestCode: **8270_PAH_S**	Units: **µg/Kg**	Prep Date: **3/11/2005**	RunNo: **63008**
Client ID:	Batch ID: **55644**	TestNo: **SW8270C**		Analysis Date: **3/11/2005**	SeqNo: **1234809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	1511	330	1667	0	90.6	68.6	120	0	0		
Benzo(a)pyrene	1454	330	1667	0	87.2	57.3	120	0	0		
Benzo(b)fluoranthene	1539	330	1667	0	92.4	56.3	120	0	0		
Benzo(g,h,i)perylene	1549	330	1667	0	92.9	46.9	128	0	0		
Benzo(k)fluoranthene	1341	330	1667	0	80.5	54.3	122	0	0		
Chrysene	1457	330	1667	0	87.4	68.4	120	0	0		
Dibenz(a,h)anthracene	1643	330	1667	0	98.6	52.4	123	0	0		
Fluoranthene	1358	330	1667	0	81.5	66.9	120	0	0		
Fluorene	1477	330	1667	0	88.6	67.5	120	0	0		
Indeno(1,2,3-cd)pyrene	1682	330	1667	0	101	54	120	0	0		
Naphthalene	1307	330	1667	0	78.4	57.1	120	0	0		
Phenanthrene	1455	330	1667	0	87.3	66.8	120	0	0		
Pyrene	1627	330	1667	0	97.6	62.8	120	0	0		
Surr: 2-Fluorobiphenyl	1493	0	1667	0	89.6	53.3	120	0	0		
Surr: 4-Terphenyl-d14	1684	0	1667	0	101	51.6	120	0	0		
Surr: Nitrobenzene-d5	1387	0	1667	0	83.2	39	120	0	0		

Sample ID **0503464-003BMS**	SampType: **MS**	TestCode: **8270_PAH_S**	Units: **µg/Kg**	Prep Date: **3/11/2005**	RunNo: **63008**
Client ID:	Batch ID: **55644**	TestNo: **SW8270C**		Analysis Date: **3/11/2005**	SeqNo: **1234815**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1499	330	1666	0	90	54.5	120	0	0		
Acenaphthylene	1512	330	1666	0	90.7	57.4	120	0	0		
Anthracene	1466	330	1666	0	88	47.1	122	0	0		
Benz(a)anthracene	1586	330	1666	0	95.2	56	120	0	0		
Benzo(a)pyrene	1514	330	1666	0	90.9	48.8	120	0	0		
Benzo(b)fluoranthene	1640	330	1666	0	98.4	44.5	120	0	0		
Benzo(g,h,i)perylene	1565	330	1666	0	93.9	32.2	134	0	0		
Benzo(k)fluoranthene	1368	330	1666	0	82.1	45.5	121	0	0		
Chrysene	1552	330	1666	0	93.1	53.1	111	0	0		
Dibenz(a,h)anthracene	1661	330	1666	0	99.7	39.9	129	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0503457
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55644

Sample ID **0503464-003BMS**	SampType: **MS**	TestCode: **8270_PAH_S**	Units: **µg/Kg**	Prep Date: **3/11/2005**	RunNo: **63008**
Client ID:	Batch ID: **55644**	TestNo: **SW8270C**		Analysis Date: **3/11/2005**	SeqNo: **1234815**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	1499	330	1666	0	90	51.6	120	0	0		
Fluorene	1573	330	1666	0	94.4	58.3	120	0	0		
Indeno(1,2,3-cd)pyrene	1624	330	1666	0	97.5	41.3	126	0	0		
Naphthalene	1411	330	1666	0	84.7	20.2	135	0	0		
Phenanthrene	1504	330	1666	0	90.3	57.3	120	0	0		
Pyrene	1680	330	1666	0	101	23.9	145	0	0		
Surr: 2-Fluorobiphenyl	1516	0	1666	0	91	53.3	120	0	0		
Surr: 4-Terphenyl-d14	1703	0	1666	0	102	51.6	120	0	0		
Surr: Nitrobenzene-d5	1471	0	1666	0	88.3	39	120	0	0		

Sample ID **0503464-003BMSD**	SampType: **MSD**	TestCode: **8270_PAH_S**	Units: **µg/Kg**	Prep Date: **3/11/2005**	RunNo: **63008**
Client ID:	Batch ID: **55644**	TestNo: **SW8270C**		Analysis Date: **3/11/2005**	SeqNo: **1234817**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1344	330	1666	0	80.6	54.5	120	1499	10.9	20	
Acenaphthylene	1367	330	1666	0	82	57.4	120	1512	10.1	20	
Anthracene	1384	330	1666	0	83.1	47.1	122	1466	5.75	20	
Benz(a)anthracene	1525	330	1666	0	91.6	56	120	1586	3.92	20	
Benzo(a)pyrene	1445	330	1666	0	86.7	48.8	120	1514	4.71	20	
Benzo(b)fluoranthene	1583	330	1666	0	95	44.5	120	1640	3.52	20	
Benzo(g,h,i)perylene	1508	330	1666	0	90.5	32.2	134	1565	3.73	20	
Benzo(k)fluoranthene	1288	330	1666	0	77.3	45.5	121	1368	6.07	20	
Chrysene	1431	330	1666	0	85.9	53.1	111	1552	8.13	20	
Dibenz(a,h)anthracene	1596	330	1666	0	95.8	39.9	129	1661	3.99	20	
Fluoranthene	1407	330	1666	0	84.5	51.6	120	1499	6.31	20	
Fluorene	1441	330	1666	0	86.5	58.3	120	1573	8.76	20	
Indeno(1,2,3-cd)pyrene	1599	330	1666	0	96	41.3	126	1624	1.55	20	
Naphthalene	1246	330	1666	0	74.8	20.2	135	1411	12.4	20	
Phenanthrene	1411	330	1666	0	84.7	57.3	120	1504	6.36	20	
Pyrene	1615	330	1666	0	96.9	23.9	145	1680	3.94	20	
Surr: 2-Fluorobiphenyl	1395	0	1666	0	83.7	53.3	120	1516	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0503457
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55644

Sample ID **0503464-003BMSD**	SampType: **MSD**	TestCode: **8270_PAH_S**	Units: **µg/Kg**	Prep Date: **3/11/2005**	RunNo: **63008**
Client ID:	Batch ID: **55644**	TestNo: **SW8270C**		Analysis Date: **3/11/2005**	SeqNo: **1234817**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	1623	0	1666	0	97.4	51.6	120	1703	0	0	
Surr: Nitrobenzene-d5	1327	0	1666	0	79.7	39	120	1471	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0503457
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55655

Sample ID **MB-55655**	SampType: **MBLK**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/11/2005**	RunNo: **62988**
Client ID:	Batch ID: **55655**	TestNo: **SW6010B**		Analysis Date: **3/13/2005**	SeqNo: **1234380**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	BRL	5.00									

Sample ID **LCS-55655**	SampType: **LCS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/11/2005**	RunNo: **62988**
Client ID:	Batch ID: **55655**	TestNo: **SW6010B**		Analysis Date: **3/13/2005**	SeqNo: **1234379**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	49.31	5.00	50	0	98.6	80	120	0	0		

Sample ID **0503466-001CMS**	SampType: **MS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/11/2005**	RunNo: **62988**
Client ID:	Batch ID: **55655**	TestNo: **SW6010B**		Analysis Date: **3/13/2005**	SeqNo: **1234382**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	71.92	4.91	49.13	28.95	87.5	75	125	0	0		

Sample ID **0503466-001CMSD**	SampType: **MSD**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/11/2005**	RunNo: **62988**
Client ID:	Batch ID: **55655**	TestNo: **SW6010B**		Analysis Date: **3/13/2005**	SeqNo: **1234383**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	71.26	4.90	49.03	28.95	86.3	75	125	71.92	0.920	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0503457
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55674

Sample ID **MB-55674**	SampType: **MBLK**	TestCode: **DRO_S**	Units: **mg/Kg**	Prep Date: **3/11/2005**	RunNo: **63131**
Client ID:	Batch ID: **55674**	TestNo: **SW8015B**		Analysis Date: **3/15/2005**	SeqNo: **1237687**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel Range Organics)	BRL	6.7									
Surr: Dioctylphthalate	3.365	0	3.3	0	102	41.2	137	0	0		

Sample ID **LCS-55674**	SampType: **LCS**	TestCode: **DRO_S**	Units: **mg/Kg**	Prep Date: **3/11/2005**	RunNo: **63131**
Client ID:	Batch ID: **55674**	TestNo: **SW8015B**		Analysis Date: **3/15/2005**	SeqNo: **1237689**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel Range Organics)	36.05	6.7	33.3	0	108	41.1	119	0	0		
Surr: Dioctylphthalate	3.572	0	3.33	0	107	41.2	137	0	0		

Sample ID **0503457-004AMS**	SampType: **MS**	TestCode: **DRO_S**	Units: **mg/Kg**	Prep Date: **3/11/2005**	RunNo: **63131**
Client ID: **TP-4-4**	Batch ID: **55674**	TestNo: **SW8015B**		Analysis Date: **3/15/2005**	SeqNo: **1237692**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel Range Organics)	1891	67	33.29	1649	727	26.5	128	0	0		S
Surr: Dioctylphthalate	4.442	0	3.329	0	133	41.2	137	0	0		

Sample ID **0503457-004AMSD**	SampType: **MSD**	TestCode: **DRO_S**	Units: **mg/Kg**	Prep Date: **3/11/2005**	RunNo: **63131**
Client ID: **TP-4-4**	Batch ID: **55674**	TestNo: **SW8015B**		Analysis Date: **3/15/2005**	SeqNo: **1237693**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel Range Organics)	1817	67	33.29	1649	507	26.5	128	1891	3.96	32.2	S
Surr: Dioctylphthalate	4.263	0	3.329	0	128	41.2	137	4.442	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0503457
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55875

Sample ID MB-55875	SampType: MBLK	TestCode: BTEX_S-MS	Units: µg/Kg	Prep Date: 3/16/2005	RunNo: 63219
Client ID:	Batch ID: 55875	TestNo: SW8260B		Analysis Date: 3/16/2005	SeqNo: 1239432

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	BRL	1.0									
Ethylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
o-Xylene	BRL	1.0									
Toluene	BRL	1.0									
Surr: 4-Bromofluorobenzene	45.91	0	50	0	91.8	55.1	138	0	0		

Sample ID MB-55875	SampType: MBLK	TestCode: BTEX_S-MS	Units: µg/Kg	Prep Date: 3/16/2005	RunNo: 63227
Client ID:	Batch ID: 55875	TestNo: SW8260B		Analysis Date: 3/17/2005	SeqNo: 1239654

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	BRL	1.0									
Ethylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
o-Xylene	BRL	1.0									
Toluene	BRL	1.0									
Surr: 4-Bromofluorobenzene	45.56	0	50	0	91.1	55.1	138	0	0		

Sample ID LCS-55875	SampType: LCS	TestCode: BTEX_S-MS	Units: µg/Kg	Prep Date: 3/16/2005	RunNo: 63219
Client ID:	Batch ID: 55875	TestNo: SW8260B		Analysis Date: 3/16/2005	SeqNo: 1239440

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	45.53	1.0	50	0	91.1	70.9	124	0	0		
Ethylbenzene	52.43	1.0	50	0	105	76.7	131	0	0		
m,p-Xylene	107.8	1.0	100	0	108	76.4	135	0	0		
o-Xylene	51.89	1.0	50	0	104	78.4	131	0	0		
Toluene	46.17	1.0	50	0	92.3	70.7	124	0	0		
Surr: 4-Bromofluorobenzene	48.02	0	50	0	96	55.1	138	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0503457
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 55875

Sample ID LCS-55875	SampType: LCS	TestCode: BTEX_S-MS	Units: µg/Kg	Prep Date: 3/16/2005	RunNo: 63227
Client ID:	Batch ID: 55875	TestNo: SW8260B		Analysis Date: 3/17/2005	SeqNo: 1240653

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	46.35	1.0	50	0	92.7	70.9	124	0	0		
Ethylbenzene	57.25	1.0	50	0	114	76.7	131	0	0		
m,p-Xylene	118.6	1.0	100	0	119	76.4	135	0	0		
o-Xylene	55.46	1.0	50	0	111	78.4	131	0	0		
Toluene	48.53	1.0	50	0	97.1	70.7	124	0	0		
Surr: 4-Bromofluorobenzene	48.68	0	50	0	97.4	55.1	138	0	0		

Sample ID 0503665-002AMS	SampType: MS	TestCode: BTEX_S-MS	Units: µg/Kg	Prep Date: 3/16/2005	RunNo: 63227
Client ID:	Batch ID: 55875	TestNo: SW8260B		Analysis Date: 3/17/2005	SeqNo: 1240663

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	46.75	1.0	50	0	93.5	67.2	126	0	0		
Ethylbenzene	54.86	1.0	50	0	110	63.6	141	0	0		
m,p-Xylene	112	1.0	100	0	112	60.2	145	0	0		
o-Xylene	55.44	1.0	50	0	111	64.2	141	0	0		
Toluene	48.47	1.0	50	0	96.9	57.2	133	0	0		
Surr: 4-Bromofluorobenzene	48.77	0	50	0	97.5	55.1	138	0	0		

Sample ID 0503665-002AMSD	SampType: MSD	TestCode: BTEX_S-MS	Units: µg/Kg	Prep Date: 3/16/2005	RunNo: 63227
Client ID:	Batch ID: 55875	TestNo: SW8260B		Analysis Date: 3/17/2005	SeqNo: 1240664

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	47.01	1.0	50	0	94	67.2	126	46.75	0.555	20	
Ethylbenzene	55.04	1.0	50	0	110	63.6	141	54.86	0.328	20	
m,p-Xylene	114.5	1.0	100	0	114	60.2	145	112	2.16	20	
o-Xylene	55.91	1.0	50	0	112	64.2	141	55.44	0.844	20	
Toluene	47.63	1.0	50	0	95.3	57.2	133	48.47	1.75	20	
Surr: 4-Bromofluorobenzene	47.64	0	50	0	95.3	55.1	138	48.77	0	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

March 25, 2005

Brent Cortelloni
Environmental Management Associates, LLC
4488 Commerce Drive
Suite A
Buford, Georgia 30518

TEL: (770) 271-4628
FAX (770) 271-8944

RE: Milton Ave

Order No.: 0503A99

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 3 samples on 3/23/2005 11:40:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/04-04/30/05.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 7 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0503A99

Date: _____ Page _____ of _____

COMPANY: EMA/BC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Mortellon

SIGNATURE: B. Mortellon

ANALYSIS REQUESTED

Total lead

PRESERVATION (See codes)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

REMARKS

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	No # of Containers	PRESERVATION	REMARKS
1	D-2 A	3-23-05	10:00	X				X	48-hr T/A
2	D-2 B	"	10:10	X				X	
3	D-2 C	"	10:25	X				X	
4									Need by Friday
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: B. Mortellon	3-23-05/11:40	1: Alex Ca	3/23/05 11:40
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Milton Ave

PROJECT #: 508

SITE ADDRESS:

SEND REPORT TO: B. Mortellon

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request

- ○ Standard 5 Business Days
- ⊗ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush **(auth req.)**
- ○ Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client SMA/BC Work Order Number 0503499

Checklist completed by Melissa D Robinson 3.23.05
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 2.6°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc.

Date: *25-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	D-2A
Lab Order:	0503A99	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/23/2005 10:00:00 AM
Lab ID:	0503A99-001A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Lead	238	4.04		mg/Kg	56027	1	3/24/2005 2:10:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *25-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	D-2B
Lab Order:	0503A99	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/23/2005 10:10:00 AM
Lab ID:	0503A99-002A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Lead	427	4.21		mg/Kg	56027	1	3/24/2005 2:14:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *25-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	D-2C
Lab Order:	0503A99	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/23/2005 10:25:00 AM
Lab ID:	0503A99-003A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Lead	354	3.68		mg/Kg	56027	1	3/24/2005 2:19:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0503A99
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 56027

Sample ID **MB-56027**	SampType: **MBLK**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/23/2005**	RunNo: **63516**
Client ID:	Batch ID: **56027**	TestNo: **SW6010B**		Analysis Date: **3/24/2005**	SeqNo: **1246419**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	BRL	5.00									

Sample ID **LCS-56027**	SampType: **LCS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/23/2005**	RunNo: **63516**
Client ID:	Batch ID: **56027**	TestNo: **SW6010B**		Analysis Date: **3/24/2005**	SeqNo: **1246418**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	48.54	5.00	50	0	97.1	80	120	0	0		

Sample ID **0503A64-002CMS**	SampType: **MS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/23/2005**	RunNo: **63516**
Client ID:	Batch ID: **56027**	TestNo: **SW6010B**		Analysis Date: **3/24/2005**	SeqNo: **1246421**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	51.69	4.84	48.43	4.646	97.1	75	125	0	0		

Sample ID **0503A64-002CMSD**	SampType: **MSD**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/23/2005**	RunNo: **63516**
Client ID:	Batch ID: **56027**	TestNo: **SW6010B**		Analysis Date: **3/24/2005**	SeqNo: **1246422**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	54.66	4.84	48.41	4.646	103	75	125	51.69	5.57	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

March 28, 2005

Brent Cortelloni
Environmental Management Associates, LLC
4488 Commerce Drive
Suite A
Buford, Georgia 30518

TEL: (770) 271-4628
FAX (770) 271-8944

RE: Milton Ave

Order No.: 0503D04

Dear Brent Cortelloni:

Analytical Environmental Services, Inc. received 3 samples on 3/28/2005 10:45:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/04-04/30/05.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 8 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0503D04

Date: _____ Page _____ of _____

COMPANY: EMA/PC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: B. Cl

SIGNATURE: B Cl

ANALYSIS REQUESTED

total lead

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1		B							
2	D-2-BB	3-28-05	9:30	X			X		
3	D-2-D	↓	9:45	X			X		
4	D-2-E	↓	10:00	X			X		
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY: DATE/TIME
1: B 3-28-05

RECEIVED BY: DATE/TIME
1: Kent Cox 3/28/05 10:45

2:

3:

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: [illegible] Ave
PROJECT #: 508
SITE ADDRESS:
SEND REPORT TO:
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

Turnaround Time Request
Standard 5 Business Days
2 Business Day Rush
Next Business Day Rush
Same Day Rush **(auth req.)**
Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA/TBC Work Order Number 05-3D04

Checklist completed by Marcus D Robinson 3.28.05
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 3.7°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes ✓	No __
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes __	No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc.

Date: *28-Mar-05*

CLIENT: Environmental Management Associates, LL
Project: Milton Ave
Lab Order: 0503D04

CASE NARRATIVE

Metals Analysis by Method 6010B:

Matrix spike duplicate recovery for lead on sample 0503B32-011A was outside control limits biased low. LCS recovery was within control limits indicating possible matrix interference.

Analytical Environmental Services, Inc.

Date: *28-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	D-2-BB
Lab Order:	*0503D04*	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/28/2005 9:03:00 AM
Lab ID:	0503D04-001A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Lead	386	3.74		mg/Kg	56182	1	3/28/2005 3:21:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *28-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	D-2-D
Lab Order:	0503D04	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/28/2005 9:45:00 AM
Lab ID:	0503D04-002A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Lead	40.7	4.40		mg/Kg	56182	1	3/28/2005 3:25:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *28-Mar-05*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	D-2-E
Lab Order:	0503D04	**Tag Number:**	
Project:	Milton Ave	**Collection Date:**	3/28/2005 10:00:00 AM
Lab ID:	0503D04-003A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Lead	322	4.29		mg/Kg	56182	1	3/28/2005 3:30:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *28-Mar-05*

CLIENT: Environmental Management Associates, LL
Work Order: 0503D04
Project: Milton Ave

ANALYTICAL QC SUMMARY REPORT

BatchID: 56182

Sample ID **MB-56182**	SampType: **MBLK**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/28/2005**	RunNo: **63635**
Client ID:	Batch ID: **56182**	TestNo: **SW6010B**		Analysis Date: **3/28/2005**	SeqNo: **1248755**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	BRL	5.00									

Sample ID **LCS-56182**	SampType: **LCS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/28/2005**	RunNo: **63635**
Client ID:	Batch ID: **56182**	TestNo: **SW6010B**		Analysis Date: **3/28/2005**	SeqNo: **1248754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	46.58	5.00	50	0	93.2	80	120	0	0		

Sample ID **0503B32-011AMS**	SampType: **MS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/28/2005**	RunNo: **63635**
Client ID:	Batch ID: **56182**	TestNo: **SW6010B**		Analysis Date: **3/28/2005**	SeqNo: **1248759**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	189.4	4.13	41.31	146.5	104	75	125	0	0		

Sample ID **0503B32-011AMSD**	SampType: **MSD**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **3/28/2005**	RunNo: **63635**
Client ID:	Batch ID: **56182**	TestNo: **SW6010B**		Analysis Date: **3/28/2005**	SeqNo: **1248760**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	177.8	4.28	42.8	146.5	73.1	75	125	189.4	6.32	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

ATTACHMENT C

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL(S)

This Phase II Environmental Site Assessment was conducted and written by Mr. John Schwaller, P.G. and Mr. Brent Cortelloni, CHMM of Environmental Management Associates, LLC.

John Schwaller, B.Sc., PG

Mr. Schwaller holds a Bachelor's degree in Geology and Biology from the University of Rochester and is a registered Professional Geologist in the State of Georgia, Tennessee, and Alabama. Mr. Schwaller has over 12 years of experience in the environmental field and has managed projects involving UST investigations and removals; Superfund investigations and remedial actions; solid waste disposal facility assessments; Georgia HSRA site investigations; industrial wastewater facility management; health and safety and environmental compliance management; and numerous Phase I and Phase II environmental site assessments. Mr. Schwaller has also conducted numerous indoor air quality assessments for local industry involving responses to "sick building" syndromes and baseline air quality assessments.

Brent Cortelloni, B.Sc., CHMM

Mr. Cortelloni holds a Bachelor of Science degree in Chemistry from Illinois State University and is a registered Certified Hazardous Materials Manager (CHMM) at the Senior Level by the Academy of Hazardous Materials Management. Mr. Cortelloni has over 14 years of experience in the environmental field and has managed projects involving UST investigations and remediation; RCRA Facility Investigations and remediation; Georgia HSRA site investigations; landfill groundwater monitoring, assessment, and reporting; operation and maintenance of groundwater extraction and treatment systems; NPDES Phase I and II permitting; watershed assessments; environmental compliance audits; and numerous Phase I and II environmental site assessments. Mr. Cortelloni has also assisted corporations and municipalities with many state and/or federal regulatory issues (i.e., NPDES permitting, regulatory interpretation, RCRA compliance audits, hazardous waste disposal, storm water management, etc.).

ATTACHMENT D

LIMITATIONS AND EXCEPTIONS

The degree of diligence undertaken resulting in the preparation of this report has been determined by the client, as it relates directly to the extent of the risk client is willing to accept. Therefore, this report is to be used only by the client (addressee, any entity in which addressee or Eric Ranney is directly or indirectly a principal, and any lender to any of the foregoing), since the client's risk tolerance levels may be different from another party.

This Phase II ESA may include and/or disclose sensitive information and is intended only for the use of the client, except as limited and required by EMA to disclose certain findings to government agencies. EMA will notify client in advance of the intention to disclose information to a government agency if required.

All data, maps, field notes, report drafts, and other related information held by EMA are confidential and restricted, and are only available to the client, and upon written approval from client, to client's attorney or designated agency, unless otherwise required by law to be made available through discovery litigation.

The information contained in this report is deemed reliable; however, there cannot be a guarantee that all hazardous or potentially hazardous conditions have been identified or located.

APPENDIX H

EMA PHASE II ADDENDUM FOR 72 MILTON AVE. (SEPTEMBER 2003)

EMA
Environmental Management Associates, LLC

September 22, 2003

Reference No. 194

Mr. Eric Ranney
Lebow Land Company, LLC
900 Peachtree Street, Suite 400
Atlanta, Georgia 30309

Dear Mr. Ranney:

Re: Focused Phase II Environmental Site Assessment Addendum Report
72 Milton Avenue
Atlanta, Georgia

Environmental Management Associates, LLC (EMA) initiated limited Phase II investigative activities on September 8, 2003 for the above-referenced site (Site) in accordance with EMA's proposal dated August 31, 2003. The associated investigative activities focused on the previously reported contaminants detected in the groundwater at the Site.

Investigative activities were limited to the following:

i) installation of four temporary monitoring wells at select Geoprobe sampling point locations from a previous investigation conducted at the Site; and

ii) collection and analysis of groundwater samples for select parameters from these wells for confirmation purposes.

The investigative activities and sample analyses were performed in accordance with the associated State of Georgia Environmental Protection Division (EPD) and USEPA Region IV protocols. This report provides a description of the investigative activities completed and presents EMA's findings and associated analytical data. The Site Plan is presented as Figure 1.

1.0 SUMMARY OF PERTINENT FINDINGS

- **Groundwater Contamination:** The previously reported groundwater contaminant concentrations that exceeded the associated Maximum Contaminant Levels (MCLs) referenced in the Rules for Safe Drinking Water, Chapter 391-3-5, revised March 1994 were not confirmed during this investigation. Background concentrations of barium were detected in the groundwater; however, the concentrations were significantly below the applicable MCLs.

4488 Commerce Drive, Suite A ♦ Buford, Georgia 30518
Phone 770.271.4628 ♦ Fax 770.271.8944
www.emallc.net

- **Conclusions:** Based on our investigation, the previously reported groundwater contaminant concentrations appear to be the result of high levels of turbidity resulting from the Geoprobe sampling technology or from natural background levels.

2.0 DETAILED DISCUSSION

2.1 Background

Bunnell-Lammons Engineering, Inc. (BLE), on behalf of the Lebow Land Company, completed a Phase I and II ESA for the Site. The results of this investigation were detailed in BLE's Phase I and II ESA Report dated August 22, 2003. BLE collected several subsurface soil and groundwater samples using direct push technology (Geoprobe) at several suspected contaminant locations at the Site. The results of the Phase II ESA indicated some petroleum related soil contamination at select locations, but at levels below applicable Georgia Underground Storage Tank soil threshold levels. However, select metals and cyanide were reported at various concentrations in select groundwater samples collected at the Site. A summary of the detected concentrations for the total fraction and the corresponding dissolved results is provided in the attached Table 1.

BLE indicated in their report that the detected total metals were most likely due to the high turbidity encountered using the Geoprobe technology; however, this conclusion is only supported by having the associated dissolved data as in the case of samples collected from GPW-1 (select metals) and GPW-8 (lead). If the groundwater contaminant data reported by BLE is confirmed, the current owner will be required to report the exceedances to the Georgia Environmental Protection Division (EPD).

2.2 Investigation Procedures

On September 8, 2003, EMA conducted a limited investigation to confirm the previously detected contaminants in the groundwater at the Site. The objective was to determine if the previously reported contaminants in the groundwater at concentrations exceeding the MCLs were due to elevated levels of turbidity.

Geo Lab Probing Services (Geo Lab), under the direction of EMA, installed four temporary monitoring wells using a conventional drill rig at the four former Geoprobe monitoring points (GPW-1, -6, -10, and -11). The temporary wells (TW-1, -6, -10, and -11) were constructed using 4-1/4-inch inside diameter hollow-stem augers to a depth of 13 to 34 feet bgs utilizing 10 feet of 2-inch polyvinyl chloride (PVC) 0.01-inch slotted screen thread coupled to 2-inch diameter PVC riser. A silica sandpack extended from the base of the boring to 2 feet above the top of the well screen to allow any groundwater present to enter the well. Above the silica sandpack at each monitoring well, a minimum 2-foot thick bentonite seal was placed and the remaining annulus was backfilled with the soil cuttings. The temporary wells were installed in the exact same

borehole as the former Geoprobe sampling points except in the case of TW-10. Refusal occurred at approximately 8 feet bgs at the former GPW-10 location; therefore, the temporary well was moved approximately 20 feet to the south. The slight change in well location should not impact the confirmation of the groundwater contamination since the purpose of this well was to detect any groundwater contaminants originating from the boiler area, which was still upgradient of TW-10. The locations of the temporary wells are illustrated on Figure 1.

The monitoring wells were developed on September 8, 2003 using dedicated bottom loading Teflon® bailers with new Nylon rope. In an effort to minimize elevated turbidity levels, the wells were allowed to recharge for approximately 24-hours prior to sampling. The groundwater samples were collected from the temporary wells by EMA on September 9, 2003 and were transported to the project laboratory under standard chain-of-custody procedures. Field measurements of turbidity, pH, conductivity, and temperature were recorded concurrently with sample collection. A summary of the field measurement data is provided in Table 2.

2.3 Analytical Results

The groundwater samples were submitted for the following analyses: TW-1 (cyanide, total barium, and nickel), TW-6 (total chromium, barium, selenium, and lead), TW-10 (total barium, arsenic, selenium, chromium, and lead), and TW-11 (total chromium, arsenic, barium, and lead). In addition, the following dissolved analytes were tested: TW-10 (dissolved barium) and TW-11 (dissolved chromium, arsenic, and barium). The groundwater samples were analyzed in accordance with GEPD and USEPA Region IV protocols. All analyses were performed by Analytical Environmental Services, Inc. (AES) of Atlanta, Georgia. AES is an accredited laboratory under the National Environmental Laboratory Accreditation Program (NELAC) (Accreditation ID: E87582).

The groundwater sample collected from temporary well TW-1 was reported with 46.4 micrograms per liter (µg/L) of total barium; TW-6 was reported with 48.1 µg/L of total barium; TW-10 was reported with 146 µg/L of total barium and 134 µg/L of dissolved barium; and TW-11 was reported with 10 µg/L of total chromium, 209 µg/L of total barium and 127 µg/L of dissolved barium. All other analytes were reported as below the associated reporting limits. A summary of the groundwater sample results and the applicable regulatory standards is provided in Table 3. A copy of the laboratory analytical report is provided in Attachment A.

2.4 Conclusions

Based on the independent investigation conducted on behalf of the Lebow Land Company by EMA, the following conclusions can be made concerning the current conditions at the Site:

i) Lebow Land Company's previous consultant reported select contaminant concentrations in groundwater as noted in Section 2.1. The previously detected

total analytes were due to the elevated levels of turbidity as confirmed by BLE's investigation and the subsequent EMA investigation;

ii) The results of EMA's investigation indicated that some minor concentrations of barium (TW-1, TW-6, TW-10, and TW-11) were present in the groundwater; however, the concentrations were significantly below the applicable MCLs. The total and dissolved barium concentrations detected during EMA's investigation are in our opinion the result of background concentrations of this analyte since this analyte is found in background soils. To further support this conclusion, background well TW-1, which is located at a topographically upgradient location on the border of the property line, was also reported with barium;

iii) The dissolved concentrations of barium and nickel in GPW-8 (BLE's investigation) are in our opinion also within background ranges for very turbid groundwater samples. Samples with high turbidity will in most cases prevent the removal of all solids during the filtering process. It should be noted that none of the soil sample results (BLE's investigation) indicated that release of barium or nickel or any of the select metals had occurred on the Site and the groundwater sample (TW-1) collected directly downgradient of the adjacent US Plating & Bumper Service Site was free from detectable concentrations of total nickel; and

iv) Since none of the previously reported contaminant concentrations were confirmed, the previously reported contaminant concentrations can be attributed to elevated levels of turbidity or natural background levels and therefore notification to EPD is not required.

3.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL(S)

This Phase II ESA was conducted and prepared by Mr. John Schwaller, P.G. and Mr. Brent Cortelloni, CHMM of Environmental Management Associates, LLC. A summary of their education and professional experience is included in Attachment B.

This report may be relied on by the addressee, any entity in which addressee or Eric Ranney is directly or indirectly a principal, and any lender to any of the foregoing in accordance with the limitations and exceptions to this limited Phase II ESA as summarized in Attachment C.

We appreciate the opportunity to undertake this project. Please contact us at (770) 271-4628 if you have any questions or require additional information.

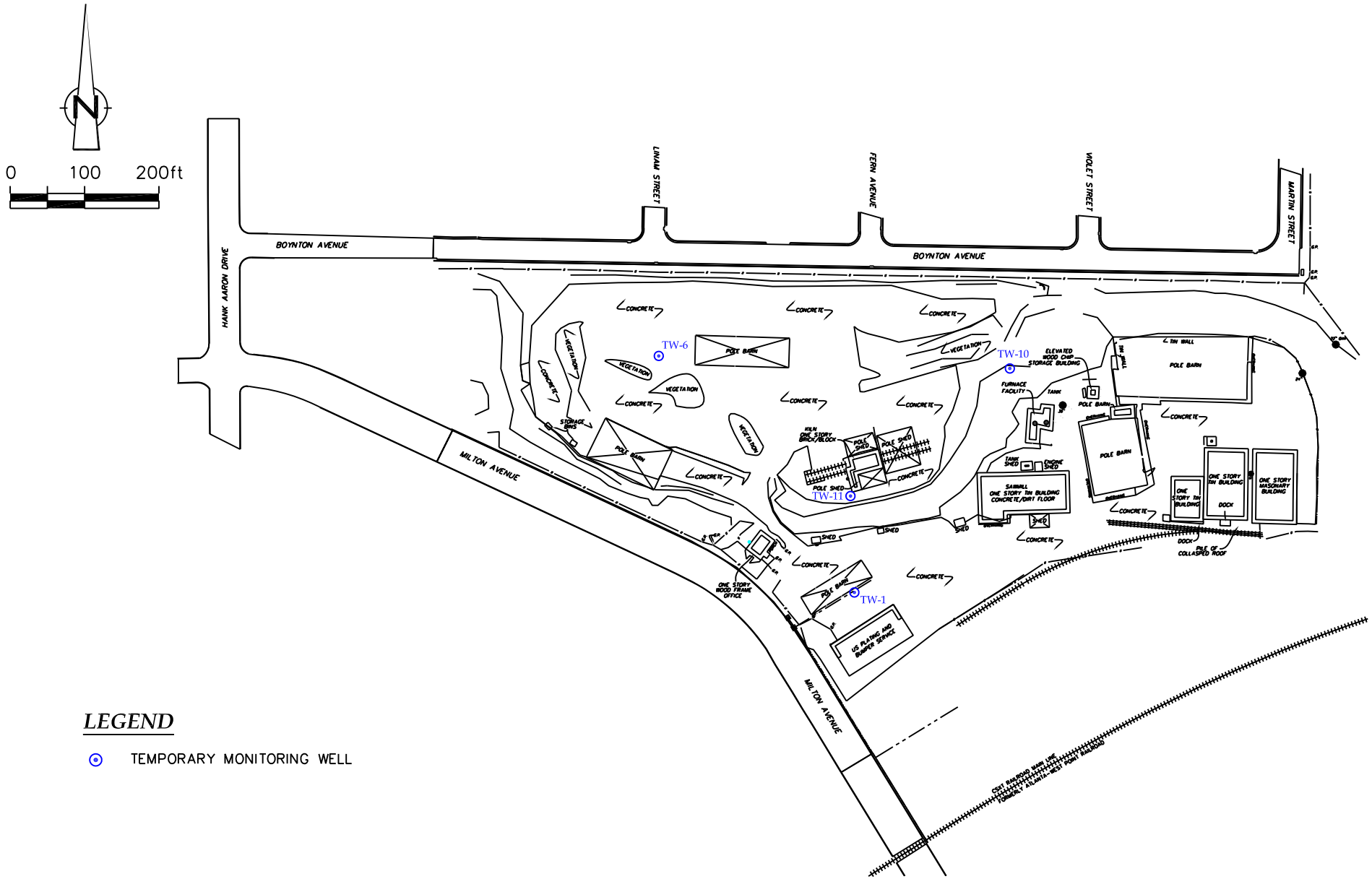
Yours truly,

Environmental Management Associates, LLC

Brent Cortelloni, CHMM
Project Manager

John O. Schwaller, PG
(Georgia Reg. No. 1617)

Encl.
BC/bc/1



LEGEND

⊙ TEMPORARY MONITORING WELL

TITLE	SITE PLAN
CLIENT	72 MILTON AVENUE *Atlanta, Georgia*
PERMIT No.	Figure 1
ENVIRONMENTAL MANAGEMENT ASSOCIATES, LLC	

Table 1

Detected Compounds
BLE's Ground Water Assessment
Milton Avenue Phase II ESA
Atlanta, Georgia

				Date Sampled *August 11, 2003*				
Compound	*Method*	*Units*	*MCL*	*GPW-1*	*GPW-6*	*GPW-8*	*GPW-10*	*GPW-11*
Acetone	8260B	mg/l	NE	ND	ND	ND	ND	ND
Chlorobenzene	8260B	mg/l	100	ND	ND	1.2	ND	ND
1,4-Dichlorobenzene	8260B	mg/l	75	ND	ND	1.80	ND	ND
MTBE	8260B	mg/l	NE	ND	2.0	ND	ND	ND
Various Compounds	8270C	mg/l	NA	ND	ND	ND	ND	NT
Arsenic, Total	6010B	mg/l	50	42.0	ND	13.0	24.0	28.0
Arsenic, Dissolved	6010B	mg/l	NE	ND	NT	ND	NT	NT
Barium, Total	6010B	mg/l	2,000	4,610	412	760	3,270	1,490
Barium, Dissolved	6010B	mg/l	NE	56.0	NT	292	NT	NT
Cadmium, Total	6010B	mg/l	5	ND	ND	ND	ND	ND
Cadmium, Dissolved	6010B	mg/l	NE	ND	NT	ND	NT	NT
Chromium, Total	6010B	mg/l	100	708	93.0	46.0	624	154
Chromium, Dissolved	6010B	mg/l	NE	ND	NT	ND	NT	NT
Chromium, Hexavalent	7196A	mg/l	NE	13.0	NT	NT	NT	NT
Lead, Total	6010B	mg/l	15	335	24.0	35.0	209	106
Lead, Dissolved	6010B	mg/l	NE	ND	NT	ND	NT	NT
Mercury, Total	7470A	mg/l	2	3.07	ND	ND	ND	ND
Mercury, Dissolved	7470A	mg/l	NE	ND	NT	ND	NT	NT
Nickel, Total	6010B	mg/l	100	186	NT	32.0	NT	NT
Nickel, Dissolved	6010B	mg/l	NE	12.0	NT	18.0	NT	NT
Selenium, Total	6010B	mg/l	50	29.0	11.0	ND	22.0	ND
Selenium, Dissolved	6010B	mg/l	NE	ND	NT	ND	NT	NT
Silver, Total	6010B	mg/l	100	ND	ND	ND	ND	ND
Silver, Dissolved	6010B	mg/l	NE	ND	NT	ND	NT	NT
Cyanide	9012A	mg/l	200	799	NT	ND	NT	NT

Notes:
NE - Not established
ND - Not detected
NT - Not tested
mg/l - micrograms per liter (ppb)
MCL - Maximum Contaminant Level
Regulatory limits from Georgia Rule 391-3-5 for Drinking Water

TABLE 2

SAMPLE COLLECTION DATA
LIMITED PHASE II ESA
72 MILTON AVENUE
ATLANTA, GEORGIA

				Field Measurements			
Well Number	*Initial Well Volume (gallons)*	*Number of Volumes Removed*	*Total Purge Volume (gallons)*	*pH*	*Conductivity (µs/cm)* [1]	*Temperature (°F)* [2]	*Turbidity (NTUs)* [3]
TW-1	1.3	5	6.6	5.76	384	72.8	4
TW-6	1.5	5	7.4	5.58	179	73.1	3.1
TW-10	1.0	5	4.9	6.18	570	71.3	5.1
TW-11	1.8	5	9.0	6.13	483	71.9	23

Notes:
(1) µS/cm - microsiemens per centimeter
(2) °F - degrees Fahrenheit
(3) NTUs - Nephelometric Turbidity Units

TABLE 3

ANALYTICAL GROUNDWATER DATA
LIMITED PHASE II ESA
72 MILTON AVENUE
ATLANTA, GEORGIA

Sample Location	*Turbidity (NTUs)* [1]	*Analyte*	*Concentration (µg/L)* [2]	*Standard* [3] *(µg/L)*
TW-1	4	Cyanide	BRL (10)	200
TW-1	4	Barium	46.4	--
TW-1	4	Nickel	BRL (0.02)	--
TW-6	3.1	Barium	48.1	2,000
TW-6	3.1	Chromium	BRL (10)	100
TW-6	3.1	Lead	BRL (10)	15
TW-6	3.1	Selenium	BRL (0.02)	50
TW-10	5.1	Barium	146	2,000
TW-10	NA	Diss. Barium	134	--
TW-10	5.1	Chromium	BRL (10)	100
TW-10	5.1	Lead	BRL (10)	15
TW-10	5.1	Arsenic	BRL (0.05)	50
TW-10	5.1	Selenium	BRL (0.02)	50
TW-11	23	Chromium	10	100
TW-11	NA	Diss. Chromium	BRL (10)	--
TW-11	23	Lead	BRL (10)	15
TW-11	23	Arsenic	BRL (0.05)	50
TW-11	NA	Diss. Arsenic	BRL (0.05)	--
TW-11	23	Barium	209	2,000
TW-11	NA	Diss. Barium	127	--

Notes:
1) NTUs - Nephelometric Turbidity Units
2) µg/L - micrograms per liter
3) MCLs

ATTACHMENT A

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

September 22, 2003

Brent Cortelloni
Environmental Management Associates, LLC
4488 Commerce Drive
Suite A
Buford, Georgia 30518

TEL: (770) 271-4628
FAX (770) 271-8944

RE: 72 Milton Avenue

Order No.: 0309218

Dear Brent Cortelloni:

Analytical Environmental Servs, Inc. received 4 samples on 9/9/2003 11:05:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 07/02/03-06/30/04.
-AIHA Certification number 505 for analysis of Air, Paint Chips, Soil and Dust Wipes, effective until 10/01/03.

These results relate only to the items tested. This report may only be reproduced in full and contains 11 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3785 Presidential Pkwy., Atlanta, GA 30340-3704
TEL: (770) 457-8177 / TOLL FREE: (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0309218

Date: _____ Page _____ of _____

COMPANY: EMA/BC

ADDRESS:

PHONE:

FAX:

SAMPLED BY: Brian Castellani

SIGNATURE:

ANALYSIS REQUESTED

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION	Total Cr	Lead	Barium	Chromium	REMARKS	No # of Containers
	TW-1	9.9.03		X			X						
	TW-1 Hold	↓		X								Archive	
	TW-6			X				X		X			
	TW-6 Hold			X								Archive	
	TW-10			X				X	X	X			
	TW-10 Hold			X								Archive	
	TW-11			X				X		X			
	TW-11 Hold			X								Archive	

RELINQUISHED BY	DATE TIME	RECEIVED BY	DATE/TIME
1: Brian Castellani		1: Angel Hamm	3/9/03 11:05
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: 72 Milton Ave

PROJECT #: 194

FAC ID#:

SITE ADDRESS:

PROJECT MANAGER:

INVOICE TO:
(IF DIFFERENT FROM ABOVE)

RECEIPT

Total # of Containers

Turnaround Time Request
- ⊗ Standard 3-5 Business Days
- ○ Same Day Rush (auth req.)
- ○ Next Business Day Rush
- ○ 2 Business Day Rush
- ○ Other _____

PROGRAM (see codes):

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS COMMENTS:

PO#:

QUOTE CONTRACT #:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify) NA = None

PROGRAM: FLUST FLDC ALUST TNUST MSUST NCUST SCUST GAUST GACONV FLCONV

White Copy - ORIGINAL; Yellow Copy - LAB; Pink Copy - CLIENT

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA/BC Work Order Number 0309218

Checklist completed by Nyeree Ogbara 9/9/03
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance?	Yes ✓	No __	

Cooler #1 4.2°c Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes ✓	No __
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes ✓	No __ Not Applicable __

Adjusted? _____ Checked by NLO

See Case Narrative for resolution of the Non-Conformance.

Analytical Environmental Servs, Inc. **Date:** *22-Sep-03*

CLIENT: Environmental Management Associates, LL
Project: 72 Milton Avenue
Lab Order: 0309218

CASE NARRATIVE

Per client request 9/19/03, additional metals are needed. Se and Ba are needed on sample 002. Se and As are needed on sample 003. As and Ba are needed on sample 004.

Analytical Environmental Servs, Inc.

Date: *20-Sep-03*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TW-1
Lab Order:	0309218	**Collection Date:**	9/9/2003
Project:	72 Milton Avenue		
Lab ID:	0309218-001	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CYANIDE		**SW9014**				Analyst: **VLS**
Cyanide, Total	BRL	0.010		mg/L	1	9/10/2003 2:00:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *20-Sep-03*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TW-6
Lab Order:	0309218	**Collection Date:**	9/9/2003
Project:	72 Milton Avenue		
Lab ID:	0309218-002	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METALS, TOTAL		**SW6010B**				Analyst: **CDW**
Barium	0.0481	0.0200		mg/L	1	9/11/2003 5:26:00 PM
Chromium	BRL	0.0100		mg/L	1	9/11/2003 5:26:00 PM
Lead	BRL	0.0100		mg/L	1	9/11/2003 5:26:00 PM
Selenium	BRL	0.0200		mg/L	1	9/11/2003 5:26:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *20-Sep-03*

CLIENT: Environmental Management Associates, LL
Client Sample ID: TW-10
Lab Order: 0309218
Collection Date: 9/9/2003
Project: 72 Milton Avenue
Lab ID: 0309218-003
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METALS, TOTAL		**SW6010B**				Analyst: **CDW**
Arsenic	BRL	0.0500		mg/L	1	9/11/2003 5:31:00 PM
Barium	0.146	0.0200		mg/L	1	9/11/2003 5:31:00 PM
Chromium	BRL	0.0100		mg/L	1	9/11/2003 5:31:00 PM
Lead	BRL	0.0100		mg/L	1	9/11/2003 5:31:00 PM
Selenium	BRL	0.0200		mg/L	1	9/11/2003 5:31:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *20-Sep-03*

CLIENT: Environmental Management Associates, LL
Client Sample ID: TW-11
Lab Order: 0309218
Collection Date: 9/9/2003
Project: 72 Milton Avenue
Lab ID: 0309218-004
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METALS, TOTAL		**SW6010B**				Analyst: **CDW**
Arsenic	BRL	0.0500		mg/L	1	9/11/2003 5:35:00 PM
Barium	0.209	0.0200		mg/L	1	9/11/2003 5:35:00 PM
Chromium	0.0100	0.0100		mg/L	1	9/11/2003 5:35:00 PM
Lead	BRL	0.0100		mg/L	1	9/11/2003 5:35:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0309218
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 37843

Sample ID: **MB-37843**	SampType: **MBLK**	TestCode: **6010B_W_T**	Units: **mg/L**	Prep Date: **9/10/2003**	RunNo: **42468**
Client ID:	Batch ID: **37843**	TestNo: **SW6010B**		Analysis Date: **9/11/2003**	SeqNo: **776125**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									

Sample ID: **LCS-37843**	SampType: **LCS**	TestCode: **6010B_W_T**	Units: **mg/L**	Prep Date: **9/10/2003**	RunNo: **42468**
Client ID:	Batch ID: **37843**	TestNo: **SW6010B**		Analysis Date: **9/11/2003**	SeqNo: **776124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	1.007	0.0500	1	0	101	85	115	0	0		
Barium	1.037	0.0200	1	0	104	85	115	0	0		
Chromium	1.05	0.0100	1	0	105	85	115	0	0		
Lead	0.9965	0.0100	1	0	99.6	85	115	0	0		
Selenium	1.048	0.0200	1	0	105	85	115	0	0		

Sample ID: **0309165-001DMS**	SampType: **MS**	TestCode: **6010B_W_T**	Units: **mg/L**	Prep Date: **9/10/2003**	RunNo: **42468**
Client ID:	Batch ID: **37843**	TestNo: **SW6010B**		Analysis Date: **9/11/2003**	SeqNo: **776128**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.9619	0.0500	1	0	96.2	75	125	0	0		
Barium	1.193	0.0200	1	0.3333	86	75	125	0	0		
Chromium	0.9579	0.0100	1	0.02431	93.4	75	125	0	0		
Lead	0.8618	0.0100	1	0.00356	85.8	75	125	0	0		
Selenium	1.007	0.0200	1	0	101	75	125	0	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0309218
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 37843

Sample ID: **0309165-001DDUP** SampType: **DUP** TestCode: **6010B_W_T** Units: **mg/L** Prep Date: **9/10/2003** RunNo: **42468**
Client ID: Batch ID: **37843** TestNo: **SW6010B** Analysis Date: **9/11/2003** SeqNo: **776127**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.0500	0	0	0	0	0	0	0	20	
Barium	0.3466	0.0200	0	0	0	0	0	0.3333	3.92	20	
Chromium	0.0249	0.0100	0	0	0	0	0	0.02431	2.40	20	
Lead	BRL	0.0100	0	0	0	0	0	0.00356	0	20	
Selenium	BRL	0.0200	0	0	0	0	0	0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0309218
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

BatchID: 37883

Sample ID: **MB-37883**	SampType: **MBLK**	TestCode: **9014_W**	Units: **mg/L**	Prep Date: **9/10/2003**	RunNo: **42438**
Client ID:	Batch ID: **37883**	TestNo: **SW9014**		Analysis Date: **9/10/2003**	SeqNo: **774381**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	BRL	0.0100									

Sample ID: **LCS-37883**	SampType: **LCS**	TestCode: **9014_W**	Units: **mg/L**	Prep Date: **9/10/2003**	RunNo: **42438**
Client ID:	Batch ID: **37883**	TestNo: **SW9014**		Analysis Date: **9/10/2003**	SeqNo: **774382**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	0.254	0.0100	0.25	0	102	85	115	0	0		

Sample ID: **0309193-001CMS**	SampType: **MS**	TestCode: **9014_W**	Units: **mg/L**	Prep Date: **9/10/2003**	RunNo: **42438**
Client ID:	Batch ID: **37883**	TestNo: **SW9014**		Analysis Date: **9/10/2003**	SeqNo: **774385**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	0.253	0.0100	0.25	0	101	70	130	0	0		

Sample ID: **0309193-001CDUP**	SampType: **DUP**	TestCode: **9014_W**	Units: **mg/L**	Prep Date: **9/10/2003**	RunNo: **42438**
Client ID:	Batch ID: **37883**	TestNo: **SW9014**		Analysis Date: **9/10/2003**	SeqNo: **774384**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	BRL	0.0100	0	0	0	0	0	0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

September 22, 2003

Brent Cortelloni
Environmental Management Associates, LLC
4488 Commerce Drive
Suite A
Buford, Georgia 30518

TEL: (770) 271-4628
FAX (770) 271-8944

RE: 72 Milton Avenue

Order No.: 0309421

Dear Brent Cortelloni:

Analytical Environmental Servs, Inc. received 3 samples on 9/9/2003 11:05:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 07/02/03-06/30/04.
-AIHA Certification number 505 for analysis of Air, Paint Chips, Soil and Dust Wipes, effective until 10/01/03.

These results relate only to the items tested. This report may only be reproduced in full and contains 9 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell

Allison Cantrell
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3785 Presidential Pkwy., Atlanta, GA 30340-3704
TEL: (770) 457-8177 / TOLL FREE: (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0309421 / 0309218

Date: _____ Page _____ of _____

COMPANY: EMA/BC
ADDRESS:
PHONE:
FAX:
SAMPLED BY: Brian Castellano
SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION	ANALYSIS REQUESTED: Total CN	Lead	Barium	Chromium	REMARKS	No. of Containers
	TW-1	9-9-03		X			X						
	TW-1 Hold			X								Archive	
	TW-6			X				X		X			
	TW-6 Hold			X								Archive	
	TW-10			X				X	X	X			
	TW-10 Hold			X								Archive	
	TW-11			X				X		X			
	TW-11 Hold			X								Archive	

RELINQUISHED BY	DATE TIME	RECEIVED BY	DATE TIME
1: Brian Castellano		1: Ariel Harris	9/9/03 11:05
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:
PO#:

SHIPMENT METHOD
OUT: VIA:
IN: VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER ____

PROJECT INFORMATION
PROJECT NAME: 72 Milton Ave
PROJECT #: 194
FAC ID#:
SITE ADDRESS:
PROJECT MANAGER:
INVOICE TO (IF DIFFERENT FROM ABOVE):

RECEIPT
Total # of Containers:

Turnaround Time Request
- (X) Standard 3-5 Business Days
- ( ) Same Day Rush (auth req.)
- ( ) Next Business Day Rush
- ( ) 2 Business Day Rush
- ( ) Other ____

PROGRAM (see codes):
DATA PACKAGE: I II III IV

QUOTE/CONTRACT #:

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify) NA = None
PROGRAM: FLUST FLDC ALUST ENVST MSUST NCUST SCUST GAUST GACONV FLCONV

White Copy - ORIGINAL Yellow Copy - LAB Pink Copy - CLIENT

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA/BC Work Order Number 0309421 0309218

Checklist completed by Nyeere Ogbara 9/9/03
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance?	Yes ✓	No __	

Cooler #1 4.2°c Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes ✓	No __
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes ✓	No __ Not Applicable __

Adjusted? _____ Checked by N.O

See Case Narrative for resolution of the Non-Conformance.

Analytical Environmental Servs, Inc.

Date: *22-Sep-03*

CLIENT: Environmental Management Associates, LL
Project: 72 Milton Avenue
Lab Order: 0309421

CASE NARRATIVE

Client requested Dissolved Ba on sample "TW-10 Hold" and Dissolved Cr, As, and Ba on "TW-11 Hold" as next day rush. Client requested Total Nickle and Ba on sample "TW-1 Hold" as same day rush.

Analytical Environmental Servs, Inc.

Date: *22-Sep-03*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TW-10 Hold
Lab Order:	0309421	**Tag Number:**	
Project:	72 Milton Avenue	**Collection Date:**	9/9/2003
Lab ID:	0309421-001A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METALS, DISSOLVED		**SW6010B**				Analyst: **CDW**
Barium	0.134	0.0200		mg/L	1	9/17/2003 2:06:00 PM

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *22-Sep-03*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TW-11 Hold
Lab Order:	0309421	**Tag Number:**	
Project:	72 Milton Avenue	**Collection Date:**	9/9/2003
Lab ID:	0309421-002A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METALS, DISSOLVED		**SW6010B**				Analyst: **CDW**
Arsenic	BRL	0.0500		mg/L	1	9/17/2003 2:10:00 PM
Barium	0.127	0.0200		mg/L	1	9/17/2003 2:10:00 PM
Chromium	BRL	0.0100		mg/L	1	9/17/2003 2:10:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Servs, Inc.

Date: *22-Sep-03*

CLIENT:	Environmental Management Associates, LL	**Client Sample ID:**	TW-1
Lab Order:	0309421	**Tag Number:**	
Project:	72 Milton Avenue	**Collection Date:**	9/9/2003
Lab ID:	0309421-003A	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METALS, TOTAL		**SW6010B**				Analyst: **CDW**
Barium	0.0464	0.0200		mg/L	1	9/17/2003 2:15:00 PM
Nickel	BRL	0.0200		mg/L	1	9/17/2003 2:15:00 PM

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

CLIENT: Environmental Management Associates, LL
Work Order: 0309421
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_W_T

Sample ID: **MB-38077**	SampType: **MBLK**	TestCode: **6010B_W_T**	Units: **mg/L**	Prep Date: **9/17/2003**	RunNo: **42705**
Client ID:	Batch ID: **38077**	TestNo: **SW6010B**		Analysis Date: **9/17/2003**	SeqNo: **780591**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Chromium	BRL	0.0100									
Nickel	BRL	0.0200									

Sample ID: **LCS-38077**	SampType: **LCS**	TestCode: **6010B_W_T**	Units: **mg/L**	Prep Date: **9/17/2003**	RunNo: **42705**
Client ID:	Batch ID: **38077**	TestNo: **SW6010B**		Analysis Date: **9/17/2003**	SeqNo: **780590**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.9617	0.0500	1	0	96.2	85	115	0	0		
Barium	0.9677	0.0200	1	0	96.8	85	115	0	0		
Chromium	0.9955	0.0100	1	0	99.5	85	115	0	0		
Nickel	1.004	0.0200	1	0	100	85	115	0	0		

Sample ID: **0309397-001FMS**	SampType: **MS**	TestCode: **6010B_W_T**	Units: **mg/L**	Prep Date: **9/17/2003**	RunNo: **42705**
Client ID:	Batch ID: **38077**	TestNo: **SW6010B**		Analysis Date: **9/17/2003**	SeqNo: **780594**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.9678	0.0500	1	0	96.8	75	125	0	0		
Barium	0.9686	0.0200	1	0.03804	93.1	75	125	0	0		
Chromium	0.9917	0.0100	1	0	99.2	75	125	0	0		
Nickel	0.9811	0.0200	1	0	98.1	75	125	0	0		

Sample ID: **0309397-001FDUP**	SampType: **DUP**	TestCode: **6010B_W_T**	Units: **mg/L**	Prep Date: **9/17/2003**	RunNo: **42705**
Client ID:	Batch ID: **38077**	TestNo: **SW6010B**		Analysis Date: **9/17/2003**	SeqNo: **780593**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.0500	0	0	0	0	0	0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Environmental Management Associates, LL
Work Order: 0309421
Project: 72 Milton Avenue

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_W_T

Sample ID: **0309397-001FDUP** SampType: **DUP** TestCode: **6010B_W_T** Units: **mg/L** Prep Date: **9/17/2003** RunNo: **42705**
Client ID: Batch ID: **38077** TestNo: **SW6010B** Analysis Date: **9/17/2003** SeqNo: **780593**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	0.03882	0.0200	0	0	0	0	0	0.03804	2.03	20	
Chromium	BRL	0.0100	0	0	0	0	0	0	0	20	
Nickel	BRL	0.0200	0	0	0	0	0	0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

ATTACHMENT B

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL(S)

This Phase II Environmental Site Assessment was conducted and written by Mr. John Schwaller, P.G. and Mr. Brent Cortelloni, CHMM of Environmental Management Associates, LLC.

John Schwaller, B.Sc., PG

Mr. Schwaller holds a Bachelor's degree in Geology and Biology from the University of Rochester and is a registered Professional Geologist in the State of Georgia, Tennessee, and Alabama. Mr. Schwaller has over 10 years of experience in the environmental field and has managed projects involving UST investigations and removals; Superfund investigations and remedial actions; solid waste disposal facility assessments; Georgia HSRA site investigations; industrial wastewater facility management; health and safety and environmental compliance management; and numerous Phase I and Phase II environmental site assessments. Mr. Schwaller has also conducted numerous indoor air quality assessments for local industry involving responses to "sick building" syndromes and baseline air quality assessments.

Brent Cortelloni, B.Sc., CHMM

Mr. Cortelloni holds a Bachelor of Science degree in Chemistry from Illinois State University and is a registered Certified Hazardous Materials Manager (CHMM) at the Senior Level by the Academy of Hazardous Materials Management. Mr. Cortelloni has over 12 years of experience in the environmental field and has managed projects involving UST investigations and remediation; RCRA Facility Investigations and remediation; Georgia HSRA site investigations; landfill groundwater monitoring, assessment, and reporting; operation and maintenance of groundwater extraction and treatment systems; NPDES Phase I and II permitting; watershed assessments; environmental compliance audits; and numerous Phase I and II environmental site assessments. Mr. Cortelloni has also assisted corporations and municipalities with many state and/or federal regulatory issues (i.e., NPDES permitting, regulatory interpretation, RCRA compliance audits, hazardous waste disposal, storm water management, etc.).

ATTACHMENT C

LIMITATIONS AND EXCEPTIONS

The degree of diligence undertaken resulting in the preparation of this report has been determined by the client, as it relates directly to the extent of the risk client is willing to accept. Therefore, this report is to be used only by the client (addressee, any entity in which addressee or Eric Ranney is directly or indirectly a principal, and any lender to any of the foregoing), since the client's risk tolerance levels may be different from another party.

This Phase II ESA may include and/or disclose sensitive information and is intended only for the use of the client, except as limited and required by EMA to disclose certain findings to government agencies. EMA will notify client in advance of the intention to disclose information to a government agency if required.

All data, maps, field notes, report drafts, and other related information held by EMA are confidential and restricted, and are only available to the client, and upon written approval from client, to client's attorney or designated agency, unless otherwise required by law to be made available through discovery litigation.

The information contained in this report is deemed reliable; however, there cannot be a guarantee that all hazardous or potentially hazardous conditions have been identified or located.

APPENDIX I

STRATIGRAPHIC AND INSTRUMENTATION LOGS

(MW-1, MW-2, MW-3, MW-3D, MW-4, MW-5, MW-6)

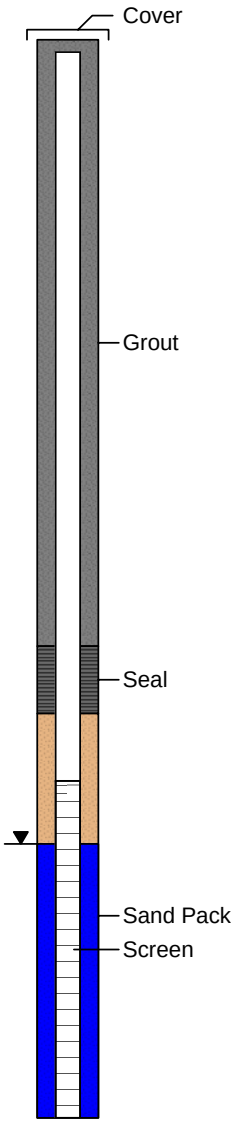
REM-CON, LLC
5262 Belle Wood Court, Suite A
Buford, Georgia

Stratigraphic & Instrumentation Log MW-1

US Plating Burn Site
Site Investigation
78 Milton Avenue, SE
Atlanta, GA
Project # 511

Date Started	: 5/18/05	Company Rep.	: John Schwaller
Date Completed	: 5/18/05	Northing Coord.	:
Hole Diameter	: 8-inches	Easting Coord.	:
Drilling Method	: 4 1/4-inch ID HSA	Survey By	:
Sampling Method	: NA	Logged By	: John Schwaller

Depth in Feet	Surf. Elev. 94.45	USCS	GRAPHIC	DESCRIPTION	Samples	Blow Count	Dry Density	% Finer #200 Sieve
0	94	ML		ML - Silt, sand, some clay, brown, fine grained, dry				
5	89							
10	84							
15	79							
20	74			saprolite layer				
		ML		SM - Silt, sand some clay, as above				
25	69			moist to wet				
		ML						
30	64							
35	59			Bedrock - End of borehole				
40								



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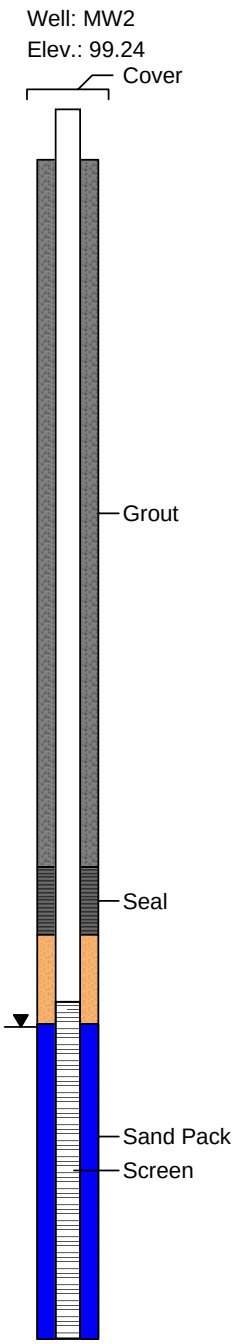
REM-CON, LLC
5262 Belle Wood Court, Suite A
Buford, Georgia

Stratigraphic & Instrumentation Log MW-2

US Plating Burn Site
Site Investigation
78 Milton Avenue, SE
Atlanta, GA
Project # 511

Date Started	: 5/18/05	Company Rep.	: John Schwaller
Date Completed	: 5/18/05	Northing Coord.	:
Hole Diameter	: 8-inches	Easting Coord.	:
Drilling Method	: 4 1/4-inch ID HSA	Survey By	:
Sampling Method	: NA	Logged By	: John Schwaller

Depth in Feet	Surf. Elev. 95.89	USCS	GRAPHIC	DESCRIPTION	Samples	Blow Count	Dry Density	% Finer #200 Sieve
0	96	ML		ML - Silt, some clay, brown, fine grained, dry				
5	91							
10	86							
15	81							
20	76							
25	71	ML		moist to wet				
30	66							
35	61							
40								



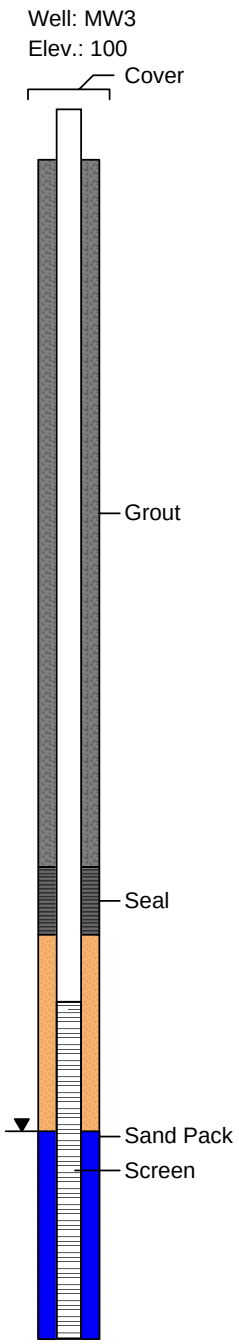
REM-CON, LLC
5262 Belle Wood Court, Suite A
Buford, Georgia

Stratigraphic & Instrumentation Log MW-3

US Plating Burn Site
Site Investigation
78 Milton Avenue, SE
Atlanta, GA
Project # 511

Date Started	: 5/18/05	Company Rep.	: John Schwaller
Date Completed	: 5/18/05	Northing Coord.	:
Hole Diameter	: 8-inches	Easting Coord.	:
Drilling Method	: 4 1/4-inch ID HSA	Survey By	:
Sampling Method	: NA	Logged By	: John Schwaller

Depth in Feet	Surf. Elev. 96.75	USCS	GRAPHIC	DESCRIPTION	Samples	Blow Count	Dry Density	% Finer #200 Sieve
0				SILTY SAND, some clay, brown, fine grained, dry				
25				moist to wet				
40								



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EMA, LLC
5262 Belle Wood Court, Ste A
Buford, GA 30518

Stratigraphic & Instrumentation Log MW-3D

Former US Plating Burn Site
78 Milton Ave
Atlanta, GA

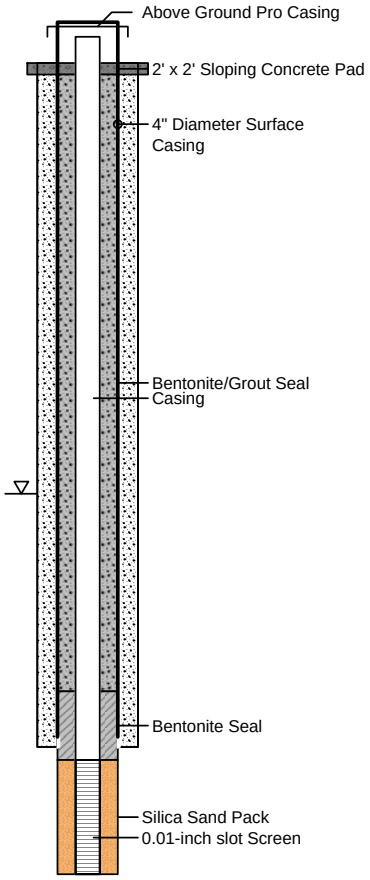
HSI 10264

Project # 511

Date Completed	: 11/26/13	Driller/Equipment	: GeoLab / CME 75
Northing Coordinate	:	Surface Elev.	: 98.5 ft AMSL
Easting Coordinate	:	Top of Casing elev.	: 100.02 ft AMSL
Survey By	: EMA, LLC	Logged By	: J. Schwaller

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	Sample ID	Blow Count	PID Reading (ppm)	Lab No.
0	98.5							
5	93.5	FB		Fill - sand, gravel, black to orange	1	14		
10	88.5	ML		ML/CL- SILT/ CLAY, some fine sand, loose, brown dry	2	4		
15	83.5				3	9		
20	78.5	ML		ML - SILT, trace clay, tan	4	9		
25	73.5	PBR		Rock layer, weathered	5			
30	68.5	ML		ML - SILT, wet	6	20		
35	63.5	ML		saprolite, striated, soft - medium dense, wet	7	13		
40	58.5	SM		SM/ML - SAND / SILT, saprolite with increasing sand content, fine to medium grain	8	12		
45	53.5				9	12		
50	48.5							
55	43.5	PBR		Weathered bedrock				
60	38.5	BR		Bedrock - Atlanta Group, hard competent, granitic gneiss				
65	33.5	BR		slight fracture, water producing				
70	28.5	BR		small fracture, soft layer				
75				Hard rock - End of boring				



Well Construction Information

WELL CONSTRUCTION

Drilling Method	: 6.25 ID HSA/4" Air Rotary
Hole Diameter	: 10" / 4"
WELL CASING	:
Material	: SCH 40 ASTM D1784/5 F480 NSF Rated
Diameter	: 4" Outer / 2" Inner
Joints	: Flush Treaded
Interval (ft. bgs)	: 0-59 / 0-61

WELL SCREEN

Material	: SCH 40 ASTM D1784/5 F480 NSF Rated
Diameter	: 2-inch
Joints	: Flush Treaded
Opening	: 0.01-inch
Interval (ft. bgs)	: 61-71 Pre-pack
FILTER PACK	: 20/40 NSF Silica Sand
Placement Method	: Pre-Packed
Volume	:
Interval (ft. bgs)	: 61-71
ANNULUS SEAL	: Bentonite Pellets/Bent. Grout
Placement Method	: Gravity Fed/Pressure
Volume	: 1.0/14 cubic feet
Interval (ft. bgs)	: 55-61/0-55

PROTECTIVE CASING

Above/Flush	: Above Ground/sloping pad
Cap	: Locking Expansion Plug
DEVELOPMENT	: Bailer -sediment free

NOTES:
All equipment steam cleaned prior to use or new.
This monitoring well installation complies with EPD Manual for Groundwater Monitoring Manual, September 1991

EMA, LLC
5262 Belle Wood Court, Ste A
Buford, GA 30518

Stratigraphic & Instrumentation Log MW-4

US Plating Burn Site
78 Milton Ave
Atlanta, GA

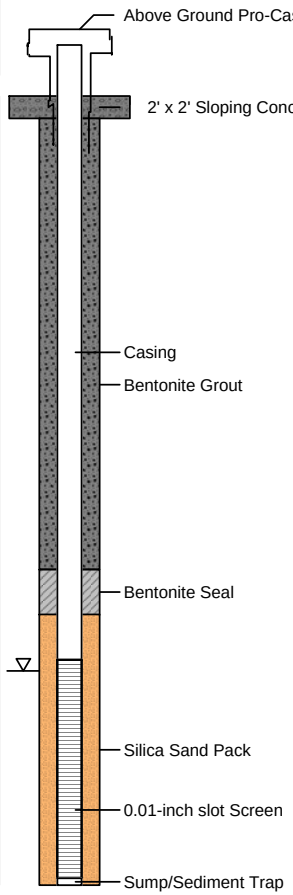
HSI 10264

Proj. No 511

Date Completed	: 11/22/2013	Driller/Equipment	: GeoLab/ DPT 6600
Northing Coordinate	:	Surface Elev.	: 96.40 FT AMSL
Easting Coordinate	:	Top of Casing elev.	: 98.90 FT AMSL
Survey By	: EMA, LLC	Logged By	: J. Schwaller

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	Sample ID	Blow Count	PID Reading (ppm)	Lab No.
0	96.4	FB		Fill - black, brown, sand, silt, gravel				
5	91.4	CL		CL-CLAY, medium stiff, poor structure, red/brown, dry				
10	86.4							
15	81.4							
20	76.4	ML		ML-SILT, trace clay, fine, medium, brown, dry				
25	71.4							
30	66.4	ML		micaceous, wet				
35				End of boring				



Well Construction Information

WELL CONSTRUCTION

Drilling Method	: 4-1/4 inch ID HSA
Hole Diameter	: Nominal 8-inch
WELL CASING	:
Material	: SCH 40 ASTM D1784/5 F480 NSF Rated
Diameter	: 2-inch
Joints	: Flush Treaded
Interval (ft. bgs)	: 0-21

WELL SCREEN

Material	: SCH 40 ASTM D1784/5 F480 NSF Rated
Diameter	: 2-inch
Joints	: Flush Treaded
Opening	: 0.01-inch
Interval (ft. bgs)	: 25-35
FILTER PACK	: 20/40 NSF Silica Sand
Placement Method	: Gravity feed
Volume	: 0.5 cubic ft.
Interval (ft. bgs)	: 23-35
ANNULUS SEAL	: Bentonite Pellets/BentoniteGrout
Placement Method	: Gravity Fed/Tremie
Volume	: 1.0 cubic ft/3.0 cubic ft.
Interval (ft. bgs)	: 21-23/1-21

PROTECTIVE CASING

Above/Flush	: Above Ground/sloping pad
Cap	: Locking Expansion Plug
DEVELOPMENT	: Bailer -sediment free

NOTES:
All equipment steam cleaned prior to use or new.
This monitoring well installation complies with EPD Manual for Groundwater Monitoring Manual, September 1991

EMA, LLC
5262 Belle Wood Court, Ste A
Buford, GA 30518

Stratigraphic & Instrumentation Log MW-5

US Plating Burn Site
78 Milton Ave
Atlanta, GA

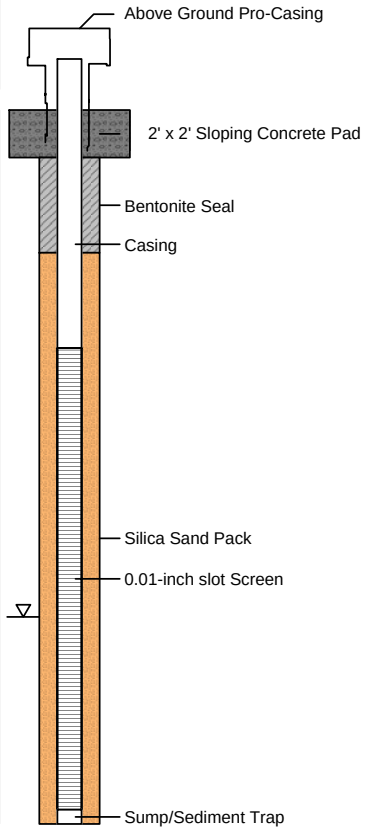
HSI 10264

Proj. No 511

Date Completed	: 11/22/2013	Driller/Equipment	: GeoLab/ DPT 6600
Northing Coordinate	:	Surface Elev.	: 70.89 FT AMSL
Easting Coordinate	:	Top of Casing elev.	: 73.39 FT AMSL
Survey By	: EMA, LLC	Logged By	: J. Schwaller

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	Sample ID	Blow Count	PID Reading (ppm)	Lab No.
0	70.89	CL		CL-CLAY, medium stiff, poor structure, red/brown, dry				
2	68.89							
4	66.89							
6	64.89							
8	62.89							
10	60.89	ML		ML-SILT, trace clay, fine, medium, brown, wet				
12	58.89							
14	56.89							
16	54.89			micaceous, wet - End of boring				
18								



Well Construction Information

WELL CONSTRUCTION

Drilling Method	: 4-1/4 inch ID HSA
Hole Diameter	: Nominal 8-inch

WELL CASING :

Material	: SCH 40 ASTM D1784/5 F480 NSF Rated PVC
Diameter	: 2-inch
Joints	: Flush Treaded
Interval (ft. bgs)	: 0-5

WELL SCREEN

Material	: SCH 40 ASTM D1784/5 F480 NSF Rated PVC
Diameter	: 2-inch
Joints	: Flush Treaded
Opening	: 0.01-inch
Interval (ft. bgs)	: 5-15

FILTER PACK	: 20/40 NSF Silica Sand
Placement Method	: Gravity feed
Volume	: 0.5 cubic ft.
Interval (ft. bgs)	: 3-15

ANNULUS SEAL	: Bentonite Pellets
Placement Method	: Gravity Fed
Volume	: 1.0 cubic ft
Interval (ft. bgs)	: 1-3

PROTECTIVE CASING

Above/Flush	: Above Ground/sloping pad
Cap	: Locking Expansion Plug

DEVELOPMENT : Bailer -sediment free

NOTES:
All equipment steam cleaned prior to use or new.
This monitoring well installation complies with EPD Manual for Groundwater Monitoring Manual, September 1991

EMA, LLC
5262 Belle Wood Court, Ste A
Buford, GA 30518

Stratigraphic & Instrumentation Log MW-6

US Plating Burn Site
78 Milton Ave
Atlanta, GA

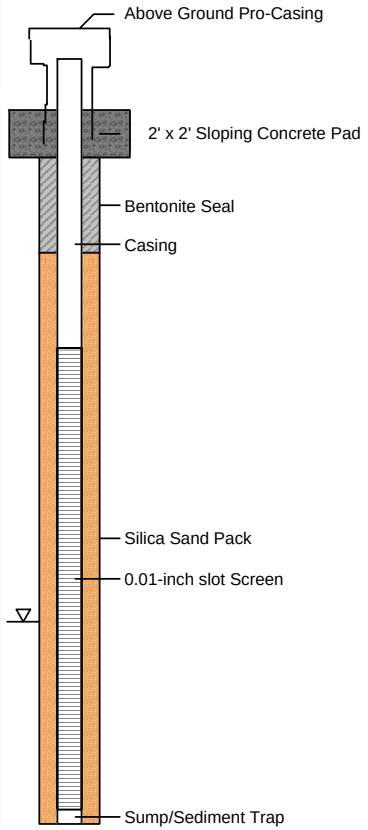
HSI 10264

Proj. No 511

Date Completed	: 11/22/2013	Driller/Equipment	: GeoLab/ DPT 6600
Northing Coordinate	:	Surface Elev.	: 79.22 FT AMSL
Easting Coordinate	:	Top of Casing elev.	: 81.72 FT AMSL
Survey By	: EMA, LLC	Logged By	: J. Schwaller

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	Sample ID	Blow Count	PID Reading (ppm)	Lab No.
0	79.22	CL		CL-CLAY, medium stiff, poor structure, red/brown, dry				
2	77.22							
4	75.22							
6	73.22							
8	71.22							
10	69.22	ML		ML-SILT, trace clay, fine, medium, brown, wet				
12	67.22							
14	65.22							
16	63.22			micaceous, wet - End of boring				
18								



Well Construction Information

WELL CONSTRUCTION

Drilling Method	: 4-1/4 inch ID HSA
Hole Diameter	: Nominal 8-inch

WELL CASING	:
Material	: SCH 40 ASTM D1784/5 F480 NSF Rated PVC
Diameter	: 2-inch
Joints	: Flush Treaded
Interval (ft. bgs)	: 0-5

WELL SCREEN

Material	: SCH 40 ASTM D1784/5 F480 NSF Rated PVC
Diameter	: 2-inch
Joints	: Flush Treaded
Opening	: 0.01-inch
Interval (ft. bgs)	: 5-15

FILTER PACK	: 20/40 NSF Silica Sand
Placement Method	: Gravity feed
Volume	: 0.5 cubic ft.
Interval (ft. bgs)	: 3-15

ANNULUS SEAL	: Bentonite Pellets
Placement Method	: Gravity Fed
Volume	: 1.0 cubic ft
Interval (ft. bgs)	: 1-3

PROTECTIVE CASING

Above/Flush	: Above Ground/sloping pad
Cap	: Locking Expansion Plug

DEVELOPMENT : Bailer -sediment free

NOTES:
All equipment steam cleaned prior to use or new.
This monitoring well installation complies with EPD Manual for Groundwater Monitoring Manual, September 1991

APPENDIX J
CALCULATIONS FOR RISK REDUCTION STANDARDS

US Plating Burn Site
HSI # - 10264

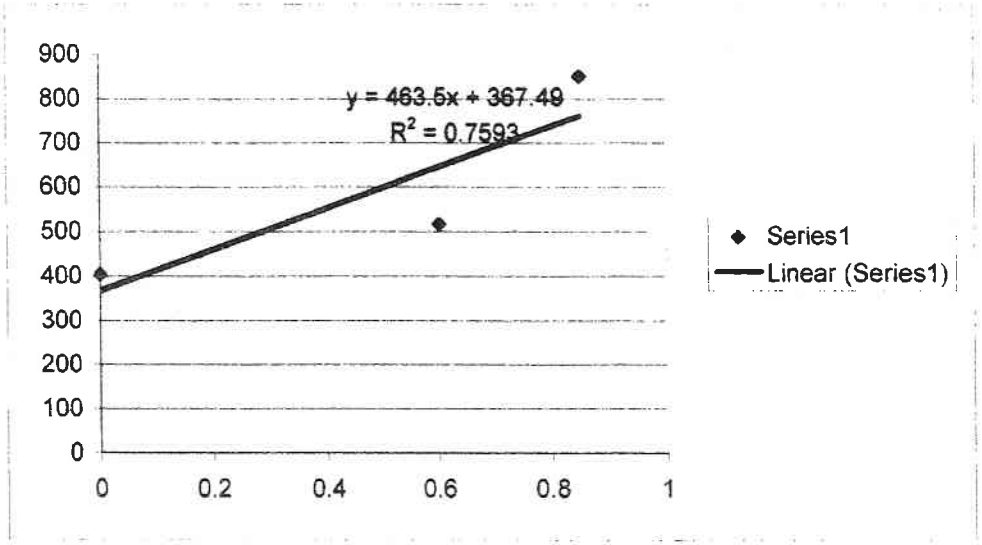
Type 1 and 2 Risk Reduction Standards for Soil						
Type 1 RRS	Constituent (mg/kg)	Item 1 SSL for Migration to groundwater	Item 2 RAGS Equation 7 (non-cancer)	Item 3 RAGS Equation 6 (cancer)	Item 4 IEUBK	Maximum Soil Concentration
75	Lead	270.06	--	--	290	2,370
100	Chromium	2,400	--	12,518	NA	2100
20	Arsenic	29.2	6.1	23	NA	55.7
0.5	Mercury	1.61	0.003	--	NA	3.3
2	Cadmium	3.01	39	--	NA	5.01
50	Nickel	927.4	1,564	--	NA	26,400

Notes:
DAF - 20
Default Kd values - Table C-4 - EPA Soil Screening Guidance Manual (1996)

TABLE 15

US Plating Burn Site SPLP Regression Analysis for Kd Values

	SPLP Ni	Total Ni
A-6	0	405
B-1	0.601	518
B-6	0.85	852



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.871405123
R Square	0.759346889
Adjusted R Square	0.518693778
Standard Error	0.303159337
Observations	3

ANOVA

	df	*SS*	*MS*	*F*	*ignificance F*
Regression	1	0.289995083	0.289995	3.155359	0.326418
Residual	1	0.091905584	0.091906		
Total	2	0.381900667			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*Upper 95.0%*
Intercept	-0.485661322	0.573073559	-0.84747	0.552442	-7.76722	6.795897	-7.76722	6.795897
X Variable 1	0.001638301	0.000922294	1.776333	0.326418	-0.01008	0.013357	-0.01008	0.013357

Observation	*Predicted Y*	*Residuals*
1	0.907842192	-0.057842192
2	0.372190622	0.228809378
3	0.190967186	-0.170967186

TABLE 15

Groundwater Migration SSLs Using Default and Site Specific Kd Values

DAF=	**20.00**	*0w (water-filled soil por)*=*	**0.3**
		n (porosity)=*	**0.43**
		ps (soil particle den. kg/L)=*	**2.65**
MCL (ppm)=	**0.1**	*0a (air-filled soil por)*=*	**0.13**
		pb (dry soil bulk den. kg/L)=*	**1.5**
		*H' (Henry's Law)**=*	**0**
Cw (target soil leach conc.	**2.000**		

Default Kd=	**88**
Site Specific Kd=	**463.5**

Groundwater Migration SSL Calculations:

SSL= Cw*(Kd+((0w+0a*H')/pb))

Default SSL=	**176.40**	mg/kg
Site-specific SSL =	**927.40**	mg/kg

Notes:

** H is zero for metals

* Sources:

0w (water-filled soil por): default value from Soil Screening Guidance

n (porosity): 1-(pb/ps)

ps (soil particle den. kg/L): default value from Soil Screening Guidance

0a (air-filled soil por): calculated

pb (dry soil bulk den. kg/L): default value from Soil Screening Guidance

Default Kd (arsenic): Table C-4 in the Soil Screening Guidance (assumed pH=4.9)

SUMMARY OF TYPE 2 RRS CALCULATIONS FOR SELECT METALS

Paramater	VF *(m3/kg)*	HSRA Type 1 RRS *(mg/kg)*	HSRA Notification Conc. (Appendix I Value) *(mg/kg)*	Residential Leaching DAF=SS *(mg/kg)*	Site-Specific Leaching *(mg/kg)*	RB Residential Child Non-carcinogenic *(mg/kg)*	RB Residential Child Carcinogenic *(mg/kg)*	RB Residential Adult Non-carcinogenic *(mg/kg)*	RB Residential Adult Carcinogenic *(mg/kg)*	RB Type 2 RRS *(mg/kg)*	Overall Type 2 RRS *(mg/kg)*
Cadmium [(1)]	NA	2	39	7.52E+00	NA	7.78E+01	8.94E+04	6.34E+02	6.26E+04	7.78E+01	7.52E+00

Notes:
"--" = no data available.
(1) This is Diet based. The default Kd value for a pH of 6.8 was used for cadmium the resideential leaching caluclation.

Soil Screening Level Partitioning Equation for Migration to Groundwater

Equation 4-10 Soil/Water Partition Equation

Determines leachate concentrations in the zone of contamination. Use Equations 4-11 and 4-12 for dillution into clean aquifer or use default of 20.

Imput Parameters

Contaminant =	**Cadmium**	Insert values
MCL or MCLG (mg/L)		0.005
DAF (Dillution Attenuation Factor)	Site Specific or Use Default (20)	20
C_w (mg/L) (Target Soil Leachate Conc.)	MCL x DAF	**0.1**
K_d (L/kg) (Soil-Water Partion Coef.)	Chemical Specific (inorg.) or $K_d = K_{oc} \times f_{oc}$ (org.)	75
K_{oc}	Chemical Specific	
F_{oc} (g/g)	Default	0.002
θ w (water-filled soil poristy)	Default	0.3
θa (air-filled soil poristy)	(n - θ w)	**0.1340**
P_b (dry bulk density)	Default	1.5
n (soil poristy)	$(1-(P_b/P_s)$	**0.4340**
P_s (kg/L)	Default	2.65
H' (Henry's Law Constant)	Chemical Specific	

$$\text{SSL (mg/kg)} = C_w \left[K_d + \frac{(\theta w + \theta a H')}{P_b} \right]$$

Used default Kd for pH at 6.8

$$\frac{(\theta w + \theta a H')}{P_b} = \mathbf{0.2}$$

SSL (mg/kg) **7.52**

Notes:

Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites , OSWER 9355.4-24, March 2001.

RAGS Calculations for Cadmium in Soil
U.S. Plating Burn Site
HSI No. 10264

Carcinogenic effects *(Commercial/Residential Soil)*: RAGS equation 6

Cadmium

variable	units	Standardized Exposure Assumptions Type 1	Child Type 2	Adult Type 2
TR target excess individual lifetime cancer risk	unitless	0.00001	0.00001	0.00001
Sfo, oral cancer slope factor (1)	unitless			
Sfi, inhalation cancer slope factor (1)	unitless	6.30E+00	6.30E+00	6.30E+00
BW, body weight	kg	70	15	70
AT, averaging time	years	70	70	70
EF, exposure frequency	days/yr	350	350	350
ED, exposure duration	yr	30	6	30
Ir_{soil}, soil ingestion rate	m3/day	114	200	114
Ir_{air}, daily inhalation rate	L/day	15	15	20
VF				
PEF, particulate emsiison factor	m3/kg	4.63E+09	4.63E+09	4.63E+09
K, water-to-air volatization factor	unitless	0.5	0.5	0.5
RRSo $\frac{TR*BW*AT*365}{EF*ED*(Sfo*1.0E-6*IRsoil)}$		#DIV/0!	#DIV/0!	#DIV/0!
RRSi $\frac{TR*BW*AT*365}{EF*ED*(Sfi*IRair*(1/VF+1/PEF))}$		8.35E+04	89415.3	6.26E+04
$\frac{1}{1/RRSo + 1/RRSi}$	mg/kg	#DIV/0!	#DIV/0!	#DIV/0!
C(mg/Kg;risk-based)	mg/kg	**8.3E+04**	**8.94E+04**	**6.26E+04**

Non-Carcinogenic effects *(Commercial/Residential Soil)*: RAGS equation 7

variable	units	Standardized Exposure Assumptions Type 1	Child Type 2	Adult Type 2
THI, target hazard index	unitless	1	1	1
RfD_{o}, oral chronic reference dose (1)	unitless	1.00E-03	1.00E-03	1.00E-03
RfD_{i}, inhalation chronic reference dose (1)	unitless	2.90E-06	2.90E-06	2.90E-06
BW, body weight	kg	70	15	70
AT, averaging time	years	30	6	30
EF, exposure frequency	days/yr	350	350	350
ED, exposure duration	yr	30	6	30
Irsoil, soil ingestion rate	m3/day	114	200	114
Irair, daily inhalation rate	L/day	15	15	15
VF, soil-to-air volatization factor	m3/kg			
PEF, particulate emission factor	m3/kg	4.63E+09	4.63E+09	4.63E+09
K, water-to-air volatization factor	unitless	0.5	0.5	0.5
RRSo $\frac{THI*BW*AT*365}{EF*ED*(1/Rfdo)*1.0E-6*IRsoil}$		6.40E+02	7.82E+01	6.40E+02
RRSi $\frac{THI*BW*AT*365}{EF*ED*(1/Rfdi)*IRair*(1/VF+1/PEF)}$		6.53E+04	1.40E+04	6.53E+04
$\frac{1.0000}{1/RRSo + 1/RRSi}$	mg/kg	6.34E+02	7.78E+01	6.34E+02
C(mg/kg;risk-based)	**mg/kg**	**6.34E+02**	**7.78E+01**	**6.34E+02**

Notes:
1) The toxicity values came from USEPA's RSL Summary Table - November 2013

RAGS CALCULATIONS FOR NICKEL IN GROUNDWATER
U.S. PLATING BURN SITE
HSI NO. 10264

Carcinogenic effects *(Water)* : RAGS equation 1

variable	units	Child Type 2	Adult Type 2
TR target excess individual lifetime cancer risk	unitless	0.00001	0.00001
Sfo, oral cancer slope factor	mg/kg-day		
Sfi, inhalation cancer slope factor	mg/kg-day	9.10E-01	9.10E-01
BW, body weight	kg	15	70
AT, averaging time	years	70	70
EF, exposure frequency	days/yr	350	350
ED, exposure duration	yr	6	30
Ir_{air}, daily inhalation rate	m3/day	15	15
Ir_{w}, daily water ingestion rate	L/day	1	2
K, water to air volatization factor	unitless	0.5	0.5
RRSo $\frac{TR*BW*AT*365}{EF*ED*(Sfo*IRw)}$		#DIV/0!	#DIV/0!
RRSi $\frac{TR*BW*AT*365}{EF*ED*(Sfi*K*IRair)}$		2.67E-04	2.50E-04
$\frac{1.0000}{1/RRSo + 1/RRSi}$	mg/L	#DIV/0!	#DIV/0!
C(mg/L;risk-based)	**mg/L**	**2.67E-04**	**2.50E-04**

Non-carcinogenic effects (*Water*) : RAGS equation 2

variable	units	Child Type 2	Adult Type 2
THI, target hazard index	unitless	1	1
RfD_{o}, oral chronic reference dose (1)	unitless	2.00E-02	2.00E-02
RfD_{i}, inhalation chronic reference dose	unitless	2.57E-05	2.57E-05
BW, body weight	kg	15	70
AT, averaging time	years	6	30
EF, exposure frequency	days/yr	350	350
ED, exposure duration	yr	6	30
Ir_{air}, daily inhalatiaon rate	m3/day	15	15
Ir_{w}, daily water ingestion rate	L/day	1	2
K, water-to-air volatization factor	unitless	0.5	0.5
RRSo $\frac{THI*BW*AT*365}{EF*ED*(1/Rfdo*IRw)}$		0.3129	0.730
RRSi $\frac{THI*BW*AT*365}{EF*ED*(1/Rfdi*K*IRair)}$		0.0000536	0.000
$\frac{1}{1/RRSo + 1/RRSi}$	mg/L	0.0001	0.0003
C(mg/L;risk-based)	**mg/L**	**3.13E-01**	**7.30E-01**
Final Type 2 RRS	**mg/L**		**2.50E-04**

Notes:
1) The toxicity values came from USEPA's RSL Summary Table dated November 2013

APPENDIX K
COST ESTIMATE

ESTIMATED COSTS
U.S.PLATING BURN SITE
78 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

Activity	***Units***	***Unit Cost***	***Sub-Total***
Consulting			
Voluntary CSR Report			$ 4,500.00
		sub-total	$ 4,500.00
		Estimate Total	**$ 4,500.00**

PG OVERSIGHT SUMMARY
U.S. PLATING BURN SITE
78 MILTON AVENUE, S.E.
ATLANTA, GEORGIA

PG Summary of Time [1]	***Units***	***Unit Cost***	***Sub-Total***
2/22/14 to 5/15/14			
V-CSR	22	$ 85.00	$ 1,870.00
		sub-total	$ 1,870.00