



Document Submittal Form

Instructions: This form should be completed and included with any document submitted to the Response and Remediation Program, Response Development Units 1 – 3, that is greater than 25 pages in length or that contains paper sizes larger than 11"x17". This includes Release Notifications and documents related to Hazardous Site Inventory and Voluntary Remediation Program sites. Contact Brownfield Unit staff for Brownfield submittal guidelines. Your cooperation helps to ensure that documents are filed correctly, completely, and efficiently.

Name of Document:	Third VRP Progress Report
Date of Document:	August 23, 2017
Site Name:	Dettelbach Pesticide Warehouse Site
Site ID Number:	HSI No. 10612

Document Submittal Checklist. Please certify that the submittal includes the following by checking each box as appropriate. Items 1 – 3 should be checked / included / certified for each submittal:

- ☒ 1. One paper copy of the document (double-sided is preferred)
- ☒ 2. Two compact discs (CDs), each containing an electronic copy of the document as a single, searchable, Portable Document Format (PDF) file. Only one CD is needed for Release Notifications. CDs should be labeled at a minimum with the following: 1) Name of Document, 2) Date of Document, 3) Site Name, and 4) Site Number. Any scanned images should have a resolution of at least 300 dpi and should be in color if applicable.
- ☒ 3. The electronic copies are complete, virus free, and identical to the paper copy except as described in Item 4 below.
- ☐ 4. (Optional) To reduce the size of the paper copy, certain voluminous information has been omitted from the paper copy and is included only with the electronic copies:
 - ☐ laboratory data sheets
 - ☐ manifests
 - ☐ other: [Click here to enter text. Enter "NA" if not applicable.](#)

I certify that the information I am submitting is, to the best of my knowledge and belief, true, accurate, and complete.

Signature: 

Name (printed): Russell K. Schlecht, P.E.

Date: 8/23/2017

Organization: EarthCon Consultants, Inc.

Receipt Date
(for EPD use only)



Georgia Environmental Protection Division 2 Martin Luther King Jr. Dr.

SE

Land Protection Branch

Suite 1054 East Tower

Response and Remediation Program

Atlanta, Georgia 30334

Response Development Units 1 – 3

Phone: 404-657-8600

Document Submittal Form

Phone: 770-973-2100	
Email: rschlecht@earthcon.com	

August 23, 2017

Mr. David Hayes
Unit Coordinator
Response and Remediation Program
Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King, Jr. Drive, SE
Suite 1054 East
Atlanta, Georgia 30334

Subject: **Third VRP Progress Report
Dettelbach Pesticide Warehouse Site, HSI No. 10612
1251 Park Avenue, Atlanta, DeKalb County, Georgia
EarthCon Project No. 02.20140272.00**

Dear Mr. Hayes:

EarthCon Consultants, Inc. (EarthCon), on behalf of our client Rollins, Inc. is pleased to submit this Voluntary Remediation Program (VRP) Progress Report for the Dettelbach Pesticide Warehouse Site (HSI No. 10612) located in Atlanta, Dekalb County, Georgia. This Progress Report is submitted pursuant to Section 12-8-107(b) of the Voluntary Remediation Program Act and summarizes activities at the Site from February 24, 2017 through August 23, 2017.

EPD requires that a professional geologist or engineer oversee the implementation of the VRP in accordance with the provisions, purposes, standards and policies of the VRPA. During the six-month period from February 2017 through August 2017, Mr. Russell K. Schlecht, P.E. oversaw the VRP activities at the Site. Those activities included but were not limited to the following:

- Demolished block retaining wall and excavated soil for footing of new retaining wall,
- Sampled the area of previous soil sample location SB-61 after footing soil was excavated for construction of the new retaining wall footing,
- Stockpiled excavated soil and sampled the soil for disposal,
- Transported approximately 1,000 tons of soil off-site for incineration,
- Placed reinforcing bars and poured concrete footing for the retaining wall,
- Placed forms and reinforcing bars and poured concrete retaining wall,
- Sampled and analyzed soil at previous soil sample locations designated B-4, SB-14, and SB-32 for delineation,
- Submitted request to Norfolk Southern Railroad to collect soil samples from within their right-of-way,
- Prepared a comprehensive clean-up report summarizing results of previous soil assessment and remediation activities,

- Graded surface of impacted soils and poured curb and gutter for management of storm water run-off from the asphalt cap,
- Placed aggregate base and asphalt cap over impacted soil.

Reports summarizing the results of the additional delineation and excavation limits sampling and analysis activities are included as Attachment A to this semi-annual report. A copy of the comprehensive clean-up report summarizing the results of previous soil assessment and remediation activities is included as Attachment B.

The tentative schedule for activities to be conducted during the next 6-month reporting period include:

<u>Activity</u>	<u>Date</u>
• Site cleanup and remedy completion	September 30, 2017
• Complete Norfolk Southern R/W assessment	October 31, 2017
• Install landscaping materials	November 2017
• Submit fourth VRP Progress Report	February 26, 2018

If you have any questions regarding this Progress Report, please feel free to contact the undersigned at (770) 973-2100.

Sincerely,



R. Jessica Turner, P.G.
Project Geologist



Russell K. Schlecht, P.E.
Principal Engineer
Georgia P.E. No. 13867

cc: Mr. Bill Williams, Georgia EPD
Mr. Gary Rogers, Rollins, Inc.

Attachment A: Summary reports of additional site assessment activities

Attachment B: Comprehensive report of historic site assessment and remediation activities

ATTACHMENT A

Additional Delineation Reports

February 24, 2017

Mr. Gary Rogers
Environmental Manager
Rollins, Inc.
2170 Piedmont Road NE
Atlanta, Georgia 30324

Subject: **Summary of Horizontal Soil Delineation Adjacent to Norfolk Southern R/W
Sampling Completed February 2017
Dettelbach Pesticide Warehouse Site, HSI No. 10612
1251 Park Avenue, Atlanta, DeKalb County, Georgia
EarthCon Project No. 02.20140272.00**

Dear Mr. Rogers:

EarthCon Consultants, Inc. (EarthCon) is pleased to provide this letter report to summarize the soil sampling activities conducted at the Dettelbach Pesticide Warehouse (DPW) property, located at 1251 Park Avenue in Atlanta (Brookhaven), DeKalb County, Georgia.

Additional soil sampling was completed to demonstrate horizontal delineation at the western property line in response to Georgia Environmental Protection Division's (EPD) *Comments on Voluntary Remediation Program Application* letter on February 26, 2016. Sampling was conducted to confirm the extent of soil exceeding the residential and non-residential risk reduction standards (RRS) in the area adjacent to the Norfolk Southern Railroad right of way (R/W). The approved RRS for this site are included on Table 1 of this report.

Horizontal Soil Delineation – Western Property Line

On February 10, 2017, soil sampling was conducted along the western property line in the area where samples SB-14 and SB-32 had been collected previously. Three grab soil samples were collected from hand auger borings SB-14A, SB-32A, and SB-32B at depths of 0 to 2 feet below ground surface (bgs) and analyzed for total pesticides via EPA Method 8081B. The boring locations are shown on Figure 1.

Results of the additional soil sampling indicate that concentrations for samples collected from SB-14A, SB-32A, and SB-32B exceed the approved RRS. The laboratory analytical report for the horizontal soil delineation activities is provided as Attachment A.

Additional delineation along the western property line would need to occur within the 25-foot R/W of the Norfolk Southern rail lines. Norfolk Southern requires that work occurring within the R/W receive prior approval to ensure safety of field crews and to inform rail operations of ongoing work in the vicinity of the rails. EarthCon will prepare a letter requesting approval from Norfolk Southern to conduct additional horizontal delineation soil sampling to compliance with the approved RRS.

EarthCon appreciates the opportunity to assist Rollins with this project. If you have any questions regarding this summary letter, please feel free to contact the undersigned at (770) 973-2100.

Sincerely,



R. Jessica Turner, P.G.
Project Geologist



Russell K. Schlecht, P.E.
Principal Engineer

Attachments

Table 1:	Summary of Approved Residential and Non-Residential Risk Reduction Standards
Figure 1:	Horizontal Soil Delineation Adjacent to Norfolk Southern Right of Way – February 10, 2017
Attachment A:	Laboratory Analytical Report – February 10, 2017 – Horizontal Soil Delineation Adjacent to Norfolk Southern Right of Way

TABLES

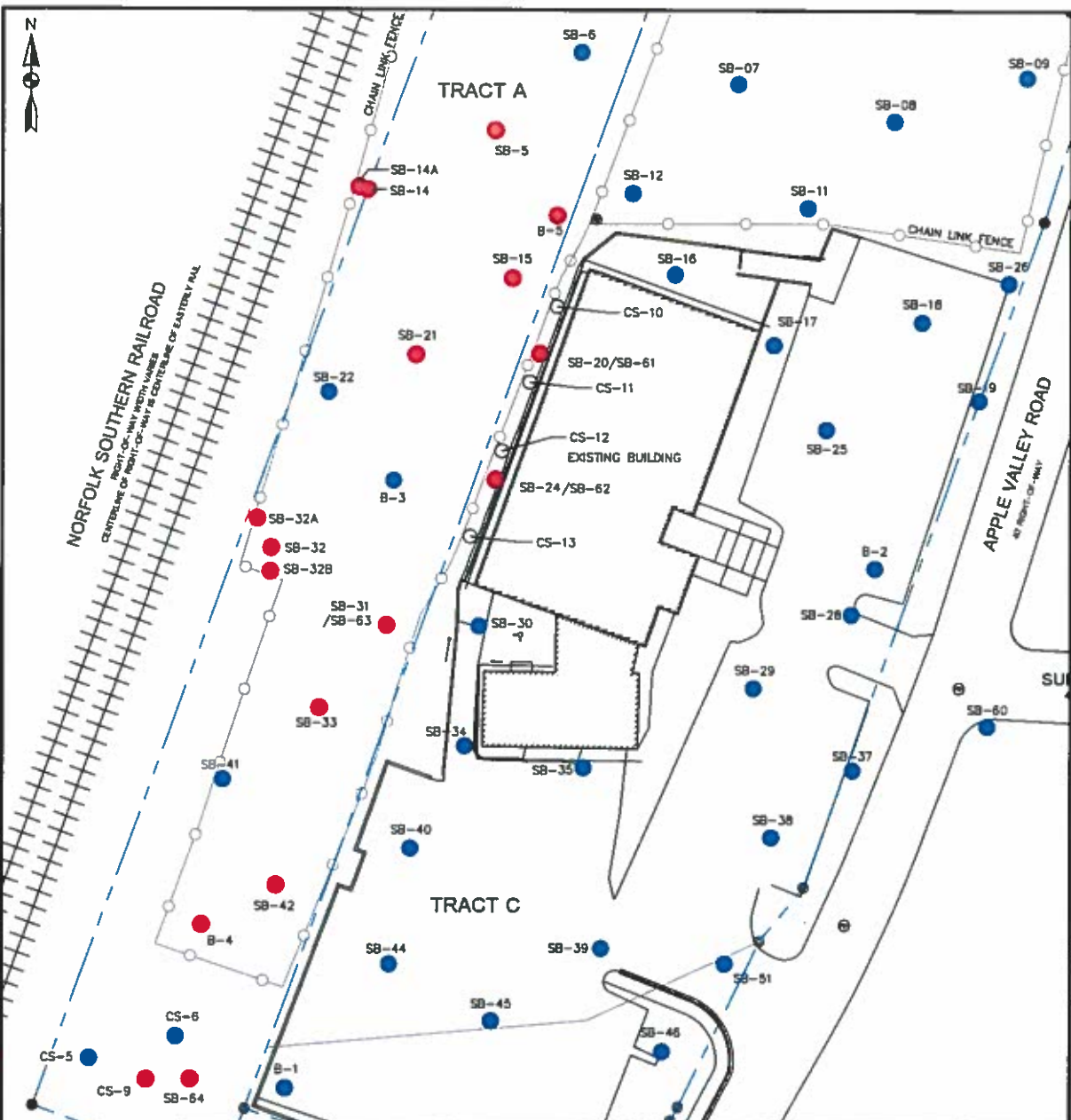
TABLE 1 SUMMARY OF APPROVED RESIDENTIAL AND NON-RESIDENTIAL RISK REDUCTION STANDARDS		
Regulated Substance (mg/Kg)	Type 1 (Residential)	Type 4 (Non-Residential)
4,4'-DDD	0.66	56.1
4,4'-DDE	0.66	39.6
4,4'-DDT	0.66	56.8
Aldrin	0.66	--
Chlordane	9.2	11.1
Dieldrin	0.66	0.14
Endosulfan I	10	--
Endrin	10	--
gamma-BHC	0.66	--
Heptachlor	0.66	1.05
Heptachlor epoxide	1.64	0.13

Notes

mg/Kg - milligram per kilogram

-- Not calculated

FIGURES



Total Pesticides (mg/kg) - EPA Method 8081B											
	4,4'-DDD	4,4'-DDE	4,4'-DDT	alpha-Chlordane	Chlordane	Dieldrin	Endrin	gamma-BHC	gamma-Chlordane	Heptachlor	Heptachlor epoxide
Type 1 RRS (mg/kg)	0.66	0.66	0.66	—	9.2	0.66	10	0.66	—	0.66	1.64
Type 4 RRS (mg/kg)	56.1	39.6	56.8	—	11.1	0.14	—	—	—	1.05	0.13
Depth (ft, bgs)											
SB-14A 0-2'	0.081	0.86	0.59	6.6	48	0.80	0.30	0.0072	8.1	0.73	<0.0019
SB-32A 0-2'	0.091	0.91	2.4	7.7	66	0.78	0.18	0.0051	12	2.5	0.68
SB-32B 0-2'	0.016	0.12	0.25	1.6	12	0.12	0.055	0.0017	2.0	0.049	0.11

Notes:
 Only detected chlorinated pesticides shown; results for remaining constituents were not detected
 — Not calculated
 mg/kg - milligrams per kilogram
 bgs - below ground surface
 RRS - risk reduction standard
 Bold - concentration exceeds residential Type 4 RRS

LEGEND
 SB-04 SOIL BORING LOCATION - EXCEEDS RRS
 SB-07 SOIL BORING LOCATION - DOES NOT EXCEED RRS



SURVEY NOTES
 1. THIS SURVEY WAS MADE ON THE GROUND USING A CARLSON NETWORK CONNECTED RTK RECEIVER, A SOUTH 2 SECOND TOTAL STATION AND A STEEL TAPE.
 2. THE MAXIMUM RELATIVE POSITIONAL ERROR WAS COMPUTED TO BE 0.08 FEET AND WAS ADJUSTED USING NETWORK LEAST SQUARES METHOD.
 3. THE DISTANCES AND AREAS SHOWN ON THIS SURVEY GROUND, THE COMBINED GRID FACTOR USED IS 0.99998. THE DATES OF BEARING IS GEORGIA STATE PLANE COORDINATE SYSTEM WEST ZONE.

SOURCE: LANDMAN INC. dba LAND DEVELOPING CO. BOUNDARY SURVEY (3/27/2014)

<p>DETTELBACH PESTICIDE WAREHOUSE ATLANTA (BROOKHAVEN), GEORGIA DEKALB COUNTY HSI SITE NUMBER 10612 PROJECT NO. 02.20140272.00</p>	<p>EARTHCON EarthCon Consultants, Inc. 1800 WEST OAK POINTE BLDG 100, STE 100, MARIETTA, GA 30067</p>	<p>HORIZONTAL SOIL DELINEATION ADJACENT TO NORFOLK SOUTHERN RIGHT OF WAY FEBRUARY 10, 2017</p> <p>DB-Y5</p> <table border="1"> <tr> <td>Drawn</td> <td>SAW</td> <td>Checked</td> <td>RKS</td> <td>Date</td> <td>FEB 22, 2017</td> <td>Page</td> <td>1</td> </tr> </table>	Drawn	SAW	Checked	RKS	Date	FEB 22, 2017	Page	1
Drawn	SAW	Checked	RKS	Date	FEB 22, 2017	Page	1			

APPENDIX A

**LABORATORY ANALYTICAL RESULTS
FEBRUARY 10, 2017
HORIZONTAL SOIL DELINEATION
ADJACENT TO NORFOLK SOUTHERN R/W**



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

February 17, 2017

Samantha Woolf
EarthCon Consultants, Inc.
1880 West Oak Parkway
Marietta GA 30062

TEL: (770) 973-2100
FAX: (770) 973-7395

RE: DPW Brookhaven

Dear Samantha Woolf:

Order No: 1702935

Analytical Environmental Services, Inc. received 3 samples on February 10, 2017 2:42 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's accreditations are as follows:

- NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
- NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
- NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Chris Pafford
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: 1702935

Attn: Chris Afford

Date: 2/10/17 Page 1 of 1

COMPANY: Earth Con Consultants		ADDRESS: 1880 West Oak Parkway Building 100, Suite 106 Norcross, GA 30062 FAX: 770-493-7395		ANALYSIS REQUESTED		Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No. of Containers	
PHONE: 770-993-2100		SIGNATURE: Robert Anderson		PRESERVATION (See codes)		REMARKS			
SAMPLED BY: Robert Anderson		DATE: 2/10/17		TIME: 1145		COMPOSITE		MATRIX (See codes)	
1		5B-14A		1145		X		50	
2		5B-32A		1255		↓		↓	
3		5B-32B		1330		↓		↓	
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
RELINQUISHED BY: [Signature]		DATE/TIME: 02/10/17 1442		RECEIVED BY: [Signature]		DATE/TIME: 2/10/17 1442		PROJECT NAME: NPW Brookhaven	
1		[Signature]		[Signature]		[Signature]		PROJECT # 032-2114-02972.00	
2		[Signature]		[Signature]		[Signature]		SITE ADDRESS: 2600 Apple Valley Rd. Brookhaven, Atlanta, GA 30139	
3		[Signature]		[Signature]		[Signature]		SEND REPORT TO: Russ Schlerf & Samantha Wolf	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD: OUT / / VIA: IN		SHIPMENT METHOD: OUT / / VIA: IN		SHIPMENT METHOD: OUT / / VIA: IN		INVOICE TO: (IF DIFFERENT FROM ABOVE) Samantha Wolf	
STATE PROGRAM (if any):		E-mail? Y/N:		Fax? Y/N		DATA PACKAGE: I II III IV		Total # of Containers	
Turnaround Time Request		Standard 5 Business Days		2 Business Day Rush		Next Business Day Rush		Same Day Rush (with req.)	
Other									
Turnaround Time Request		Standard 5 Business Days		2 Business Day Rush		Next Business Day Rush		Same Day Rush (with req.)	
Other									
QUOTE #:		PO#:		PROJECT INFORMATION		RECEIPT		Total # of Containers	
SAMPLER RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.		SAMPLER RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.		SAMPLER RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.		SAMPLER RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.		SAMPLER RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.	
MATRIX CODES: A = Air		GW = Groundwater		SE = Sediment		SO = Soil		SW = Surface Water	
PRESERVATIVE CODES: H+1 = Hydrochloric acid + ice		I = Ice only		N = Nitric acid		S+1 = Sulfuric acid + ice		SM+1 = Sodium Bisulfate/Methanol + ice	
DW = Drinking Water (Blank)		O = Other (specify)		WW = Waste Water		NA = None		White Copy - Original; Yellow Copy - Client	

Analytical Environmental Services, Inc

Date: 17-Feb-17

Client: EarthCon Consultants, Inc.
 Project Name: DPW Brookhaven
 Lab ID: 1702935-001

Client Sample ID: SB-14A
 Collection Date: 2/10/2017 11:45:00 AM
 Matrix: Soil

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)									
4,4'-DDD	0.083		0.00071	0.0037	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
4,4'-DDE	0.86		0.087	0.37	mg/Kg-dry	237945	100	02/16/2017 19:20	SH
4,4'-DDT	0.59		0.084	0.37	mg/Kg-dry	237945	100	02/16/2017 19:20	SH
Aldrin	BRL		0.00082	0.0019	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
alpha-BHC	BRL		0.00089	0.0019	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
alpha-Chlordane	6.6		0.16	0.37	mg/Kg-dry	237945	200	02/16/2017 19:53	SH
beta-BHC	BRL		0.00059	0.0019	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
Chlordane	48		0.69	3.7	mg/Kg-dry	237945	100	02/16/2017 19:20	SH
delta-BHC	BRL		0.00071	0.0019	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
Dieldrin	0.80		0.077	0.37	mg/Kg-dry	237945	100	02/16/2017 19:20	SH
Endosulfan I	BRL		0.00081	0.0019	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
Endosulfan II	BRL		0.00082	0.0037	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
Endosulfan sulfate	BRL		0.00083	0.0037	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
Endrin	0.30	J	0.085	0.37	mg/Kg-dry	237945	100	02/16/2017 19:20	SH
Endrin aldehyde	BRL		0.00083	0.0037	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
Endrin ketone	BRL		0.00072	0.0037	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
gamma-BHC	0.0072		0.00066	0.0019	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
gamma-Chlordane	8.1		0.15	0.37	mg/Kg-dry	237945	200	02/16/2017 19:53	SH
Heptachlor	0.73		0.082	0.19	mg/Kg-dry	237945	100	02/16/2017 19:20	SH
Heptachlor epoxide	BRL		0.00082	0.0019	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
Methoxychlor	BRL		0.0025	0.019	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
Toxaphene	BRL		0.0091	0.19	mg/Kg-dry	237945	1	02/16/2017 18:47	SH
Surr: Decachlorobiphenyl	85.6		0	45-128	%REC	237945	1	02/16/2017 18:47	SH
Surr: Tetrachloro-m-xylene	79.1		0	46-120	%REC	237945	1	02/16/2017 18:47	SH
PERCENT MOISTURE D2216									
Percent Moisture	9.81		0	0	wt%	R336540	1	02/15/2017 15:00	BD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

Analytical Environmental Services, Inc

Date: 17-Feb-17

Client: EarthCon Consultants, Inc.
 Project Name: DPW Brookhaven
 Lab ID: 1702935-002

Client Sample ID: SB-32A
 Collection Date: 2/10/2017 12:55:00 PM
 Matrix: Soil

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B				(SW3550C)					
4,4'-DDD	0.091		0.00069	0.0036	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
4,4'-DDE	0.91		0.084	0.36	mg/Kg-dry	237945	100	02/16/2017 19:31	SH
4,4'-DDT	2.4		0.081	0.36	mg/Kg-dry	237945	100	02/16/2017 19:31	SH
Aldrin	BRL		0.00080	0.0018	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
alpha-BHC	BRL		0.00086	0.0018	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
alpha-Chlordane	7.7		0.38	0.90	mg/Kg-dry	237945	500	02/16/2017 20:04	SH
beta-BHC	BRL		0.00058	0.0018	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
Chlordane	66		0.67	3.6	mg/Kg-dry	237945	100	02/16/2017 19:31	SH
delta-BHC	BRL		0.00069	0.0018	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
Dieldrin	0.76		0.075	0.36	mg/Kg-dry	237945	100	02/16/2017 19:31	SH
Endosulfan I	BRL		0.00079	0.0018	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
Endosulfan II	BRL		0.00080	0.0036	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
Endosulfan sulfate	BRL		0.00080	0.0036	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
Endrin	0.18	J	0.083	0.36	mg/Kg-dry	237945	100	02/16/2017 19:31	SH
Endrin aldehyde	BRL		0.00081	0.0036	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
Endrin ketone	BRL		0.00070	0.0036	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
gamma-BHC	0.0051		0.00064	0.0018	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
gamma-Chlordane	12		0.36	0.90	mg/Kg-dry	237945	500	02/16/2017 20:04	SH
Heptachlor	1.5		0.079	0.18	mg/Kg-dry	237945	100	02/16/2017 19:31	SH
Heptachlor epoxide	0.66		0.079	0.18	mg/Kg-dry	237945	100	02/16/2017 19:31	SH
Methoxychlor	BRL		0.0024	0.018	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
Toxaphene	BRL		0.0088	0.18	mg/Kg-dry	237945	1	02/16/2017 18:58	SH
Surr: Decachlorobiphenyl	111		0	45-128	%REC	237945	1	02/16/2017 18:58	SH
Surr: Tetrachloro-m-xylene	59.2		0	46-120	%REC	237945	1	02/16/2017 18:58	SH
PERCENT MOISTURE D2216									
Percent Moisture	6.97		0	0	wt%	R336540	1	02/15/2017 15:00	BD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

Analytical Environmental Services, Inc

Date: 17-Feb-17

Client: EarthCon Consultants, Inc.
 Project Name: DPW Brookhaven
 Lab ID: 1702935-003

Client Sample ID: SB-32B
 Collection Date: 2/10/2017 1:30:00 PM
 Matrix: Soil

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B					(SW3550C)				
4,4'-DDD	0.016		0.00081	0.0042	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
4,4'-DDE	0.12		0.020	0.084	mg/Kg-dry	237945	20	02/16/2017 19:42	SH
4,4'-DDT	0.25		0.019	0.084	mg/Kg-dry	237945	20	02/16/2017 19:42	SH
Aldrin	BRL		0.00094	0.0021	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
alpha-BHC	BRL		0.0010	0.0021	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
alpha-Chlordane	1.6		0.090	0.21	mg/Kg-dry	237945	100	02/16/2017 20:15	SH
beta-BHC	BRL		0.00067	0.0021	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Chlordane	12		0.16	0.84	mg/Kg-dry	237945	20	02/16/2017 19:42	SH
delta-BHC	BRL		0.00081	0.0021	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Dieldrin	0.12		0.00088	0.0042	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Endosulfan I	BRL		0.00092	0.0021	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Endosulfan II	BRL		0.00094	0.0042	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Endosulfan sulfate	BRL		0.00094	0.0042	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Endrin	0.055		0.00097	0.0042	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Endrin aldehyde	BRL		0.00095	0.0042	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Endrin ketone	BRL		0.00082	0.0042	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
gamma-BHC	0.0017	J	0.00075	0.0021	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
gamma-Chlordane	2.0		0.085	0.21	mg/Kg-dry	237945	100	02/16/2017 20:15	SH
Heptachlor	0.049		0.00093	0.0021	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Heptachlor epoxide	0.11		0.019	0.042	mg/Kg-dry	237945	20	02/16/2017 19:42	SH
Methoxychlor	BRL		0.0028	0.021	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Toxaphene	BRL		0.010	0.21	mg/Kg-dry	237945	1	02/16/2017 19:09	SH
Surr: Decachlorobiphenyl	65		0	45-128	%REC	237945	1	02/16/2017 19:09	SH
Surr: Tetrachloro-m-xylene	72.9		0	46-120	%REC	237945	1	02/16/2017 19:09	SH
PERCENT MOISTURE D2216									
Percent Moisture	20.5		0	0	wt%	R336540	1	02/15/2017 15:00	BD

Qualifiers:

* Value exceeds maximum contaminant level
 BRL Not detected at MDL
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 NC Not confirmed

E Estimated value above quantitation range
 S Spike Recovery outside limits due to matrix
 J Estimated value detected below Reporting Limit
 > Greater than Result value
 < Less than Result value
 Narr See case narrative



EARTHCON CONSULTANTS

SAMPLE/COOLER RECEIPT CHECKLIST

Clear

Save as

1. Client Name: EARTHCON CONSULTANTS AES Work Order Number: 1702935

2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ☐ Courier ☐ Other ☐

	Yes	No	N/A	Details			Comments
3. Shipping container/cooler received in good condition?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		damaged <input type="checkbox"/>	leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
5. Custody seals intact on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
6. Temperature blanks present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		Cooling initiated for recently collected samples / ice present <input type="checkbox"/>		
8. Chain of Custody (COC) present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
9. Chain of Custody signed, dated, and timed when relinquished and received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
10. Sampler name and/or signature on COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
11. Were all samples received within holding time?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
12. TAT marked on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input type="checkbox"/>		

13. Cooler 1 Temperature 0.4 °C Cooler 2 Temperature °C Cooler 3 Temperature °C Cooler 4 Temperature °C

14. Cooler 5 Temperature °C Cooler 6 Temperature °C Cooler 7 Temperature °C Cooler 8 Temperature °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). MI 2/10/17

	Yes	No	N/A	Details			Comments
16. Were sample containers intact upon receipt?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
17. Custody seals present on sample containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
18. Custody seals intact on sample containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
19. Do sample container labels match the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		Incomplete info <input type="checkbox"/> no label <input type="checkbox"/> illegible <input type="checkbox"/> other <input type="checkbox"/>		
20. Are analyses requested indicated on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
21. Were all of the samples listed on the COC received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>		
22. Was the sample collection date/time noted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
23. Did we receive sufficient sample volume for indicated analyses?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
24. Were samples received in appropriate containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
25. Were VOA samples received without headspace (< 1/4" bubble)?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
26. Were trip blanks submitted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		listed on COC <input type="checkbox"/> not listed on COC <input type="checkbox"/>		

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). AJ 2/11/17

	Yes	No	N/A	Details			Comments
28. Have containers needing chemical preservation been checked?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
29. Containers meet preservation guidelines?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
30. Was pH adjusted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				

I certify that I have completed sections 28-30 (dated initials). AJ 2/11/17

Checklist 1/19/17 Rev 0.

Locked

Analytical Environmental Services, Inc

Date: 17-Feb-17

Client: EarthCon Consultants, Inc.
Project Name: DPW Brookhaven
Workorder: 1702935

ANALYTICAL QC SUMMARY REPORT

BatchID: 237945

Sample ID: MB-237945	Client ID:	Units: ug/Kg	Prep Date: 02/14/2017	Run No: 336488							
SampleType: MBLK	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID: 237945	Analysis Date: 02/14/2017	Seq No: 7350080							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	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									
Chlordane	BRL	3.3									
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	1.7									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Methoxychlor	BRL	17									
Toxaphene	BRL	170									
Surr: Decachlorobiphenyl	13.05	0	16.67		78.3	45	128				
Surr: Tetrachloro-m-xylene	13.50	0	16.67		81.0	46	120				

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)	II	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

Date: 17-Feb-17

Client: EarthCon Consultants, Inc.
Project Name: DPW Brookhaven
Workorder: 1702935

ANALYTICAL QC SUMMARY REPORT

BatchID: 237945

Sample ID: LCS-237945	Client ID:	Units:	ug/Kg	Prep Date:	02/14/2017	Run No:	336488				
SampleType: LCS	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID:	237945	Analysis Date:	02/14/2017	Seq No:	7350081				
Analyte	Result	RPT Limit	SPK value	SPK RefVal	%REC	Low Limit	High Limit	RPD RefVal	%RPD	RPD Limit	Qual

4,4'-DDT	24.65	3.3	33.33		73.9	70.3	129				
Aldrin	23.59	1.7	33.33		70.8	57.8	120				
Dieldrin	23.47	3.3	33.33		70.4	66.3	118				
Endrin	26.21	3.3	33.33		78.6	66.9	130				
gamma-BHC	23.89	1.7	33.33		71.7	58.7	119				
Heptachlor	25.34	1.7	33.33		76.0	60.3	120				
Surr: Decachlorobiphenyl	10.97	0	16.67		65.8	45	128				
Surr: Tetrachloro-m-xylene	11.13	0	16.67		66.8	46	120				

Sample ID: 1702960-002AMIS	Client ID:	Units: ug/Kg-dry	Prep Date: 02/14/2017	Run No: 336488							
Sample Type: MS	Test Code: CHLORINATED PESTICIDES SW8081B	Batch ID: 237945	Analysis Date: 02/14/2017	Seq No: 7350083							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

4,4'-DDT	26.64	3.8	38.09		69.9	47.4	135				
Aldrin	26.49	1.9	38.09		69.5	56.8	120				
Dieldrin	25.34	3.8	38.09		66.5	54.9	122				
Endrin	28.71	3.8	38.09		75.4	61.7	127				
gamma-BHC	26.90	1.9	38.09		70.6	59.4	120				
Heptachlor	28.37	1.9	38.09	0.9749	71.9	53.7	124				
Surr: Decachlorobiphenyl	10.67	0	19.05		56.0	45	128				
Surr: Tetrachloro-m-xylene	12.49	0	19.05		65.6	46	120				

Sample ID: 1702960-002AMSD	Client ID:	Units: ug/Kg-dry	Prep Date: 02/14/2017	Run No: 336488							
Sample Type: MSD	Test Code: CHLORINATED PESTICIDES SW8081B	Batch ID: 237945	Analysis Date: 02/14/2017	Seq No: 7350084							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

4,4'-DDT	28.07	3.8	38.09		73.7	47.4	135	26.64	5.25	26.8	
Aldrin	27.69	1.9	38.09		72.7	56.8	120	26.49	4.44	27.6	

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

Date: 17-Feb-17

Client: EarthCon Consultants, Inc.
Project Name: DPW Brookhaven
Workorder: 1702935

ANALYTICAL QC SUMMARY REPORT

BatchID: 237945

Sample ID: 1702960-002AMSD		Client ID:		Units: ug/Kg-dry		Prep Date:		02/14/2017		Run No: 336488	
SampleType: MSD		TestCode: MSD		CHLORINATED PESTICIDES SW8081B		BatchID: 237945		Analysis Date: 02/14/2017		Seq No: 7350084	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Dieldrin	26.58	3.8	38.09		69.8	54.9	122	25.34	4.79	23.7	
Endrin	30.48	3.8	38.09		80.0	61.7	127	28.71	5.99	25.8	
gamma-BHC	28.22	1.9	38.09		74.1	59.4	120	26.90	4.80	25.2	
Heptachlor	29.98	1.9	38.09	0.9749	76.1	53.7	124	28.37	5.52	25	
Surr: Decachlorobiphenyl	11.34	0	19.05		59.5	45	128	10.67	0	30	
Surr: Tetrachloro-m-xylene	13.36	0	19.05		70.1	46	120	12.49	0	30	

Qualifiers:		Less than Result value		Analyte detected in the associated method blank	
>	Greater than Result value	<	Estimated (value above quantitation range)	B	Holding times for preparation or analysis exceeded
BRL	Below reporting limit	E	Analyte not NELAC certified	H	RPD outside limits due to matrix
J	Estimated value detected below Reporting Limit	N	Spike Recovery outside limits due to matrix	R	
Rpt Lim Reporting Limit		S			

April 4, 2017

Mr. Gary Rogers
Environmental Manager
Rollins, Inc.
2170 Piedmont Road NE
Atlanta, Georgia 30324

Subject: **Summary of Soil Sampling Below Original Retaining Wall Footing
Sampling Completed March 6, 2017
Dettelbach Pesticide Warehouse Site, HSI No. 10612
1251 Park Avenue, Atlanta, DeKalb County, Georgia
EarthCon Project No. 02.20140272.00**

Dear Mr. Rogers:

EarthCon Consultants, Inc. (EarthCon) is pleased to provide this letter report summarizing the soil sampling activities conducted at the Dettelbach Pesticide Warehouse (DPW) property, located at 1251 Park Avenue in Atlanta (Brookhaven), DeKalb County, Georgia.

Additional soil sampling was completed to demonstrate delineation below the retaining wall footing in response to Georgia Environmental Protection Division's (EPD) *Comments on Voluntary Remediation Program Application* letter on February 26, 2016. Sampling was conducted after removal of the wall, footing, and approximately 3 feet of underlying soil to confirm the extent of soil exceeding the residential and non-residential risk reduction standards (RRS) in the area below retaining wall footing. The approved RRS for this site are included on Table 1 of this report.


Soil Delineation – Eastern Property Line

On March 6, 2017, soil sampling was conducted along the western side of the building in the area below the original retaining wall footing. Two grab soil samples were collected from locations SB-61A and SB-62A at depths of 3.7 and 3.2 feet respectively, below the top of the sidewalk located adjacent to the original retaining wall. Each sample was analyzed for total pesticides via EPA Method 8081B. The sample locations are shown on Figure 1. Also shown on Figure 1 are the results of these analyses, as well as previous analyses for samples collected in this area. Soil representative of the previous sampling and analysis activities have been excavated and will be characterized for determination of their disposition.

Results of the additional soil sampling indicate that concentrations of pesticide constituents for samples collected from SB-61A and SB-62A do not exceed the approved residential RRS. The laboratory analytical report for the vertical soil delineation activities is provided as Attachment A.

EarthCon appreciates the opportunity to assist Rollins with this project. If you have any questions regarding this summary letter, please feel free to contact the undersigned at (770) 973-2100.

Sincerely,
EarthCon Consultants, Inc.



Kent M. Davis, P.G.
Senior Geologist



Russell K. Schlecht, P.E.
Principal Engineer

Attachments

Table 1:	Summary of Approved Residential and Non-Residential Risk Reduction Standards
Figure 1:	Soil Delineation Below the Original Retaining Wall Footing – March 6, 2017
Attachment A:	Laboratory Analytical Report – March 14, 2017 – Soil Delineation below the Original Retaining Wall

TABLE

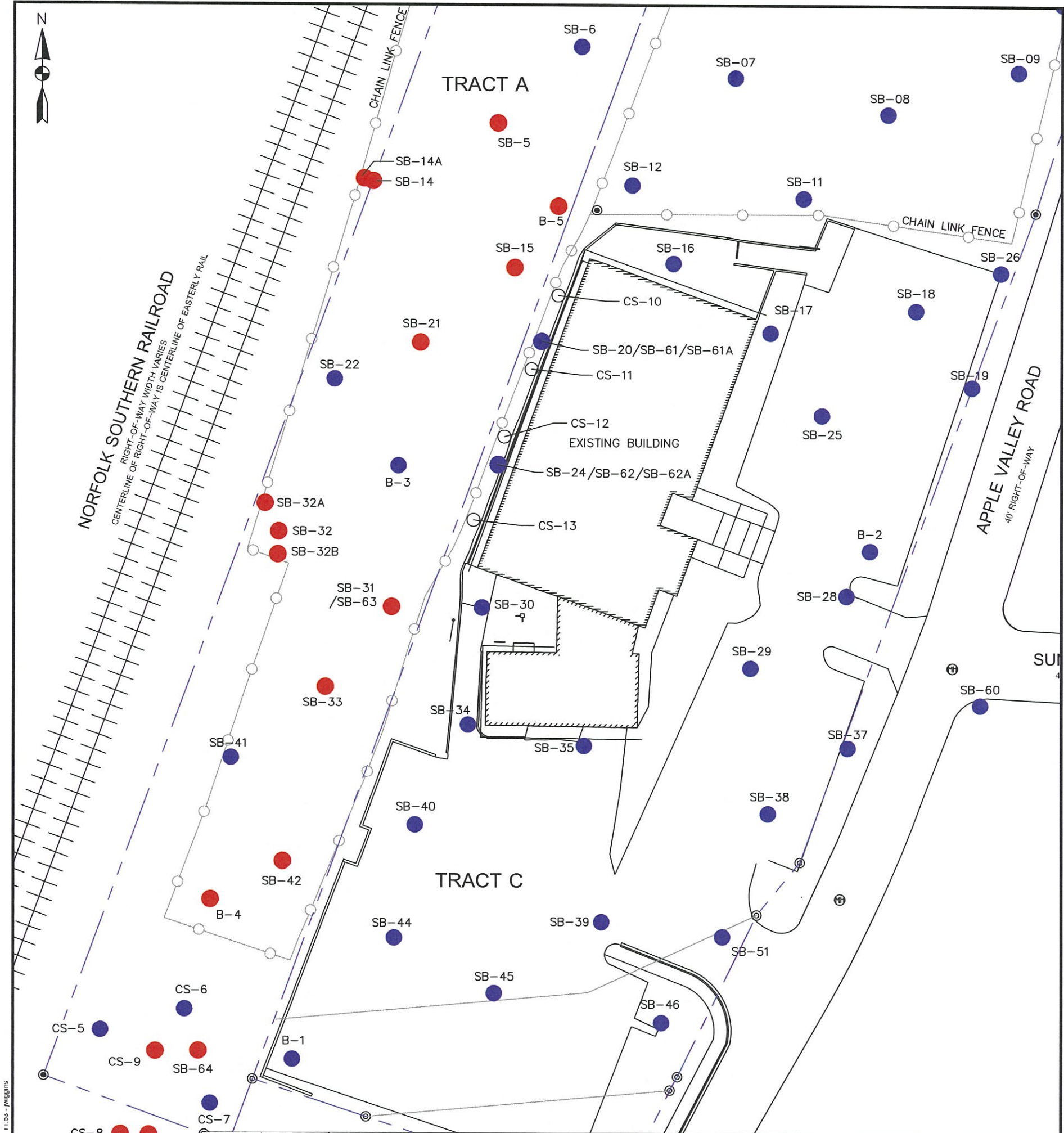
TABLE 1 SUMMARY OF APPROVED RESIDENTIAL AND NON-RESIDENTIAL RISK REDUCTION STANDARDS		
Regulated Substance (mg/Kg)	Type 1 (Residential)	Type 4 (Non-Residential)
4,4'-DDD	0.66	56.1
4,4'-DDE	0.66	39.6
4,4'-DDT	0.66	56.8
Aldrin	0.66	--
Chlordane	9.2	11.1
Dieldrin	0.66	0.14
Endosulfan I	10	--
Endrin	10	--
gamma-BHC	0.66	--
Heptachlor	0.66	1.05
Heptachlor epoxide	1.64	0.13

Notes

mg/Kg - milligram per kilogram

-- Not calculated

FIGURE



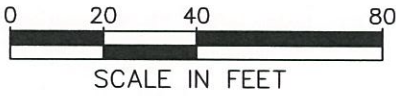
		Total Pesticides (mg/Kg) - EPA Method 8081B										
		4,4'-DDD	4,4'-DDE	4,4'-DDT	alpha-Chlordane	Chlordane	Dieldrin	Endrin	gamma-BHC	gamma-Chlordane	Heptachlor	Heptachlor epoxide
Type 1 RRS	(mg/Kg)	0.66	0.66	0.66	--	9.2	0.66	10	0.66	--	0.66	1.64
Type 4 RRS	(mg/Kg)	56.1	39.6	56.8	--	11.1	0.14	--	--	--	1.05	0.13
Sample ID	Depth (ft, bgs)											
SB-61	0-2'	<0.75	<0.75	<0.75	<19	1200	11	<0.75	<0.37	<0.19	<1.9	<0.37
SB-61A	0-2'	0.23	0.015	0.31	<0.020	3.9	0.17	0.054	0.0059	0.67	0.011	<0.0020
SB-62	0-2'	0.028	<0.0039	0.0052	<0.02	1.5	0.037	<0.0039	<0.002	<0.02	<0.002	0.032
SB-62A	0-2'	<0.0038	<0.0038	<0.0038	0.039	0.27	0.0079	<0.0038	<0.0019	0.055	<0.0019	0.0023

Notes
Only detected chlorinated pesticides shown; results for remaining constituents were not detected.
-- Not calculated
mg/Kg - milligrams per kilogram
bgs - below ground surface
RRS - risk reduction standard
Bold - concentration exceeds residential Type 4 RRS
Soils represented by samples SB-61 and SB-62 have been removed.

LEGEND

- SB-64 SOIL BORING LOCATION - EXCEEDS RRS
- SB-47 SOIL BORING LOCATION - DOES NOT EXCEED RRS

SOURCE: LANDMAN INC. dba LAND DEVELOPING CO. BOUNDARY SURVEY (3/27/2014)



SURVEY NOTES

- THIS SURVEY WAS MADE ON THE GROUND USING A CARLSON NETWORK CORRECTED RTK RECEIVER, A SOUTH 2 SECOND TOTAL STATION AND A STEEL TAPE.
- THE MAXIMUM RELATIVE POSITIONAL ERROR WAS COMPUTED TO BE 0.06 FEET AND WAS ADJUSTED USING NETWORK LEAST SQUARES METHOD.
- THE DISTANCES AND AREAS SHOWN ON THIS SURVEY GROUND. THE COMBINED GRID FACTOR USED IS 0.99986. THE BASIS OF BEARING IS GEORGIA STATE PLANE COORDINATE SYSTEM WEST ZONE.

DETTELBACH PESTICIDE WAREHOUSE
ATLANTA (BROOKHAVEN), GEORGIA
DEKALB COUNTY
HSI SITE NUMBER 10612
PROJECT NO. 02.20140272.00

EarthCon Consultants, Inc.
1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

SOIL SAMPLING BELOW ORIGINAL
RETAINING WALL FOOTING
FEBRUARY 2017

DB-8	DRAWN: JMW	CHECKED: RKS	DATE: MARCH 29, 2017	FIGURE: 1
------	------------	--------------	----------------------	-----------

APPENDIX A

LABORATORY ANALYTICAL RESULTS

March 14, 2017

SOIL SAMPLING BELOW ORIGINAL WALL FOOTING



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

March 14, 2017

Russ Schlect
EarthCon Consultants, Inc.
1880 West Oak Parkway
Marietta GA 30062

TEL: (770) 973-2100
FAX: (770) 973-7395

RE: Dettelbach Pesticide Warehouse Site

Dear Russ Schlect:

Order No: 1703451

Analytical Environmental Services, Inc. received 2 samples on March 6, 2017 3:00 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's accreditations are as follows:

- NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
- NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

Chris Pafford
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704

TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1703451

Date: 3/6/17 Page 1 of 1

COMPANY: EarthCam Consultants Inc. 1800 West Oak Alley Blvd STE 106 1800 West Oak Alley Blvd STE 106 PHONE: 770-473-2100 FAX: 770-473-2395 SIGNATURE: <i>K. David</i>		ADDRESS: 1800 West Oak Alley Blvd STE 106 Marietta, GA 30062 FAX: 770-473-2395 SIGNATURE: <i>K. David</i>		ANALYSIS REQUESTED Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.				No # of Containers	
SAMPLED BY: K. David		SAMPLED: DATE: 3/6/17 TIME: 1400 DATE: 3/6/17 TIME: 1407		PRESERVATION (See codes) Matrix: SO SO Composite: X X				REMARKS 1 1	
SAMPLE ID 1 SB-61A 3.7' 2 SB-62A 3.2'		DATE/TIME 1: 3/6/17 1500 2: 3/6/17 1500 3:		PROJECT INFORMATION PROJECT NAME: Detrelback Resic de Wanchous e Siry PROJECT #: 02-20140722-00 SITE ADDRESS: 2000 Apple Valley Rd Atlanta, GA SEND REPORT TO: Russ Schlichter INVOICE TO: (IF DIFFERENT FROM ABOVE) QUOTE #: PO#:				RECEIPT Total # of Containers: 2 Turnaround Time Request: <input checked="" type="checkbox"/> Standard 5 Business Days <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same Day Rush (auth req.) <input type="checkbox"/> Other	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD: OUT / / VIA: IN (CLIENT) FedEx UPS MAIL COURIER GREYHOUND OTHER		STATE PROGRAM (if any): E-mail: DATA PACKAGE: I O II O III O IV O				No # of Containers	

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 WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+1 = 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: 14-Mar-17

Client:	EarthCon Consultants, Inc.	Client Sample ID:	SB-61A 3.7'
Project Name:	Dettelbach Pesticide Warehouse Site	Collection Date:	3/6/2017 2:00:00 PM
Lab ID:	1703451-001	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B				(SW3550C)				
4,4'-DDD	0.23	0.040		mg/Kg-dry	239097	10	03/08/2017 19:39	SH
4,4'-DDE	0.015	0.0040		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
4,4'-DDT	0.31	0.040		mg/Kg-dry	239097	10	03/08/2017 19:39	SH
Aldrin	BRL	0.0020		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
alpha-BHC	BRL	0.0020		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
alpha-Chlordane	0.57	0.020		mg/Kg-dry	239097	10	03/08/2017 19:39	SH
beta-BHC	BRL	0.0020		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Chlordane	3.9	0.40		mg/Kg-dry	239097	10	03/08/2017 19:39	SH
delta-BHC	0.0037	0.0020		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Dieldrin	0.17	0.040		mg/Kg-dry	239097	10	03/08/2017 19:39	SH
Endosulfan I	BRL	0.0020		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Endosulfan II	BRL	0.0040		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Endosulfan sulfate	BRL	0.0040		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Endrin	0.054	0.0040		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Endrin aldehyde	BRL	0.0040		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Endrin ketone	BRL	0.0040		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
gamma-BHC	0.0059	0.0020		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
gamma-Chlordane	0.67	0.040		mg/Kg-dry	239097	20	03/08/2017 20:12	SH
Heptachlor	0.011	0.0020		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Heptachlor epoxide	BRL	0.0020		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Methoxychlor	BRL	0.020		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Toxaphene	BRL	0.20		mg/Kg-dry	239097	1	03/08/2017 18:55	SH
Surr: Decachlorobiphenyl	76.9	45-128		%REC	239097	1	03/08/2017 18:55	SH
Surr: Tetrachloro-m-xylene	74.9	46-120		%REC	239097	1	03/08/2017 18:55	SH

PERCENT MOISTURE D2216

Percent Moisture	15.8	0		wt%	R338110	1	03/09/2017 16:30	BD
------------------	------	---	--	-----	---------	---	------------------	----

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: 14-Mar-17

Client:	EarthCon Consultants, Inc.	Client Sample ID:	SB-62A 3.2'
Project Name:	Dettelbach Pesticide Warehouse Site	Collection Date:	3/6/2017 2:07:00 PM
Lab ID:	1703451-002	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B				(SW3550C)				
4,4'-DDD	BRL	0.0038		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
4,4'-DDE	BRL	0.0038		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
4,4'-DDT	BRL	0.0038		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Aldrin	BRL	0.0019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
alpha-BHC	BRL	0.0019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
alpha-Chlordane	0.039	0.0019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
beta-BHC	BRL	0.0019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Chlordane	0.27	0.038		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
delta-BHC	BRL	0.0019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Dieldrin	0.0079	0.0038		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Endosulfan I	BRL	0.0019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Endosulfan II	BRL	0.0038		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Endosulfan sulfate	BRL	0.0038		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Endrin	BRL	0.0038		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Endrin aldehyde	BRL	0.0038		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Endrin ketone	BRL	0.0038		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
gamma-BHC	BRL	0.0019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
gamma-Chlordane	0.055	0.0019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Heptachlor	BRL	0.0019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Heptachlor epoxide	0.0023	0.0019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Methoxychlor	BRL	0.019		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Toxaphene	BRL	0.19		mg/Kg-dry	239097	1	03/08/2017 19:06	SH
Surr: Decachlorobiphenyl	76.6	45-128		%REC	239097	1	03/08/2017 19:06	SH
Surr: Tetrachloro-m-xylene	69.5	46-120		%REC	239097	1	03/08/2017 19:06	SH

PERCENT MOISTURE D2216

Percent Moisture	12.9	0		wt%	R338110	1	03/09/2017 16:30	BD
------------------	------	---	--	-----	---------	---	------------------	----

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



SAMPLE/COOLER RECEIPT CHECKLIST

Clear

Save as

1. Client Name: **EarthCon Consultants, Inc.** AES Work Order Number: **1703451**
2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ☒ Courier ☐ Other ☐

	Yes	No	N/A	Details			Comments
3. Shipping container/cooler received in good condition?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	damaged <input type="checkbox"/>	leaking <input type="checkbox"/>	other <input type="checkbox"/>	
4. Custody seals present on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
5. Custody seals intact on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
6. Temperature blanks present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
7. Cooler temperature(s) within limits of 0-8°C? [See item 13 and 14 for temperature recordings.]	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Cooling initiated for recently collected samples / ice present <input type="checkbox"/>			
8. Chain of Custody (COC) present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
9. Chain of Custody signed, dated, and timed when relinquished and received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
10. Sampler name and/or signature on COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
11. Were all samples received within holding time?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
12. TAT marked on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input type="checkbox"/>			

13. Cooler 1 Temperature 5.6 °C Cooler 2 Temperature °C Cooler 3 Temperature °C Cooler 4 Temperature °C

14. Cooler 5 Temperature °C Cooler 6 Temperature °C Cooler 7 Temperature °C Cooler 8 Temperature °C

15. Comments:

I certify that I have completed sections 1-15 (dated initials). TD 3/6/17

	Yes	No	N/A	Details			Comments
16. Were sample containers intact upon receipt?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
17. Custody seals present on sample containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
18. Custody seals intact on sample containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
19. Do sample container labels match the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	incomplete info <input type="checkbox"/>	illegible <input type="checkbox"/>	other <input type="checkbox"/>	
20. Are analyses requested indicated on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
21. Were all of the samples listed on the COC received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	samples received but not listed on COC <input type="checkbox"/>			
22. Was the sample collection date/time noted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	samples listed on COC not received <input type="checkbox"/>			
23. Did we receive sufficient sample volume for indicated analyses?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
24. Were samples received in appropriate containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
25. Were VOA samples received without headspace (< 1/4" bubble)?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
26. Were trip blanks submitted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	listed on COC <input type="checkbox"/>	not listed on COC <input type="checkbox"/>		

27. Comments:

I certify that I have completed sections 16-27 (dated initials). MP 3/7/17

	Yes	No	N/A	Details			Comments
28. Have containers needing chemical preservation been checked?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
29. Containers meet preservation guidelines?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
30. Was pH adjusted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				

I certify that I have completed sections 28-30 (dated initials). MP 3/7/17

Checklist 1/19/17 Rev 0.

Locked

Analytical Environmental Services, Inc

Date: 14-Mar-17

Client: EarthCon Consultants, Inc.
Project Name: Dettelbach Pesticide Warehouse Site
Workorder: 1703451

ANALYTICAL QC SUMMARY REPORT

BatchID: 239097

Sample ID: MB-239097	Client ID:	Units: ug/Kg	Prep Date: 03/08/2017	Run No: 338033							
Sample Type: MBLK	Test Code: CHLORINATED PESTICIDES SW8081B	Batch ID: 239097	Analysis Date: 03/08/2017	Seq No: 7387057							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	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									
Chlordane	BRL	33									
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	1.7									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Methoxychlor	BRL	17									
Toxaphene	BRL	170									
Surr: Decachlorobiphenyl	13.69	0	16.67		82.1	45	128				
Surr: Tetrachloro-m-xylene	12.30	0	16.67		73.8	46	120				

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 analysts 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

Date: 14-Mar-17

Client: EarthCon Consultants, Inc.
Project Name: Dettelbach Pesticide Warehouse Site
Workorder: 1703451

ANALYTICAL QC SUMMARY REPORT

BatchID: 239097

Sample ID: LCS-239097	Client ID:	Units: ug/Kg	Prep Date: 03/08/2017	Run No: 338033							
SampleType: LCS	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID: 239097	Analysis Date: 03/08/2017	Seq No: 7387058							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

4,4'-DDT	28.42	3.3	33.33		85.3	70.3	129				
Aldrin	25.40	1.7	33.33		76.2	57.8	120				
Dieldrin	26.40	3.3	33.33		79.2	66.3	118				
Endrin	30.46	3.3	33.33		91.4	66.9	130				
gamma-BHC	26.02	1.7	33.33		78.1	58.7	119				
Heptachlor	26.61	1.7	33.33		79.9	60.3	120				
Surr: Decachlorobiphenyl	13.32	0	16.67		79.9	45	128				
Surr: Tetrachloro-m-xylene	11.86	0	16.67		71.1	46	120				

Sample ID: 1703451-002AMS	Client ID: SB-62A 3.2'	Units: ug/Kg-dry	Prep Date: 03/08/2017	Run No: 338033							
SampleType: MS	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID: 239097	Analysis Date: 03/08/2017	Seq No: 7387061							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

4,4'-DDT	32.65	3.8	38.25	1.444	81.6	47.4	135				
Aldrin	26.40	1.9	38.25		69.0	56.8	120				
Dieldrin	36.91	3.8	38.25	7.896	75.8	54.9	122				
Endrin	35.20	3.8	38.25	2.251	86.1	61.7	127				
gamma-BHC	28.67	1.9	38.25	1.881	70.0	59.4	120				
Heptachlor	31.30	1.9	38.25	1.519	77.9	53.7	124				
Surr: Decachlorobiphenyl	13.93	0	19.13		72.8	45	128				
Surr: Tetrachloro-m-xylene	11.36	0	19.13		59.4	46	120				

Sample ID: 1703451-002AMSD	Client ID: SB-62A 3.2'	Units: ug/Kg-dry	Prep Date: 03/08/2017	Run No: 338033							
SampleType: MSD	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID: 239097	Analysis Date: 03/08/2017	Seq No: 7387062							
Analyte	Result	RPT Limit	SPK value	SPK RefVal	%REC	Low Limit	High Limit	RPD RefVal	%RPD	RPD Limit	Qual

4,4'-DDT	35.06	3.8	38.25	1.444	87.9	47.4	135	32.65	7.12	26.8	
Aldrin	29.13	1.9	38.25		76.2	56.8	120	26.40	9.83	27.6	

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

Date: 14-Mar-17

Client: EarthCon Consultants, Inc.
 Project Name: Dettelbach Pesticide Warehouse Site
 Workorder: 1703451

ANALYTICAL QC SUMMARY REPORT

BatchID: 239097

Sample ID: 1703451-002AMSD		Client ID: SB-62A 3.2'		Units: ug/Kg-dry		Prep Date: 03/08/2017		Run No: 338033			
Sample Type: MSD		Test Code: CHLORINATED PESTICIDES SW8081B		Batch ID: 239097		Analysis Date: 03/08/2017		Seq No: 7387062			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Dieldrin	38.59	3.8	38.25	7.896	80.3	54.9	122	36.91	4.47	23.7	
Endrin	36.76	3.8	38.25	2.251	90.2	61.7	127	35.20	4.34	25.8	
gamma-BHC	32.71	1.9	38.25	1.881	80.6	59.4	120	28.67	13.2	25.2	
Heptachlor	32.75	1.9	38.25	1.519	81.7	53.7	124	31.30	4.54	25	
Surr: Decachlorobiphenyl	14.51	0	19.13		75.8	45	128	13.93	0	30	
Surr: Tetrachloro-m-xylene	13.38	0	19.13		70.0	46	120	11.36	0	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		

ATTACHMENT B

Comprehensive Cleanup Report of Previous Site Assessment and Remediation Activities

August 23, 2017

Mr. David Hayes
Unit Coordinator, Response and Remediation Program
Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King, Jr. Drive, SE
Suite 1054 East
Atlanta, Georgia 30334

Subject: **Summary of Historical Soil Excavation Activities
Dettelbach Pesticide Warehouse Site, HSI No. 10612
1251 Park Avenue, Atlanta, DeKalb County, Georgia
EarthCon Project No. 02.20140272.00**

Dear Mr. Hayes:

On behalf of our client, Rollins, Inc. (Rollins), EarthCon Consultants, Inc. (EarthCon) is pleased to provide this letter report summarizing the historical soil excavation and remediation activities conducted at the Dettelbach Pesticide Warehouse (DPW) property, located at 1251 Park Avenue in Atlanta (Brookhaven), DeKalb County, Georgia. The DPW property is listed on the Georgia Environmental Protection Division's (EPD) Hazardous Site Inventory (HSI) as HSI Site #10612. The Apple Valley Associates (AVA) property also owned by Rollins, located adjacent and to the east of the DPW property, is sublisted under HSI Site #10612.

Four historical soil excavations were completed on the site between 2001 and 2009. During a meeting on January 17, 2017, EPD requested that Rollins provide a historical summary of the soil excavation/remediation activities to date on the DPW and AVA properties. This requested soil excavation summary is provided below and is illustrated on the accompanying figures and attachments.

Summary of Horizontal Soil Excavation Activities

Following listing of DPW on the HSI on February 14, 2000, investigation and remediation efforts were initiated. In May 2001, Winter Environmental, Inc. was contracted to remove pesticide-contaminated soil above Type 1 Risk Reduction Standards (RRS) from Tracts Four and Five. As described in the *2001 Compliance Status Report (CSR)*, a total of 666 cubic yards of soil were removed from an area including an embankment in the southern portion of the property, as shown on Figure 1. Confirmation samples consisting of 3-point or 5-point composite samples were collected following excavation completion to document removal of soils above Type 1 RRS. The 2001 soil excavation was described in the 2001 CSR. The area of historical excavation and location of confirmation samples are shown on Attachment A, Figures 3.2 and 3.3. A summary of the confirmation sample analytical results is provided in Attachment A, Table 3.6. Following excavation, fill material was imported from offsite and placed into the excavation area to match the former grade. Following backfill of the excavation, the area was paved for use as a parking lot.

In July 2002, Four Seasons Environmental, Inc. was contracted to remove pesticide contaminated soil with concentrations above Type 1 RRS from the parcel north of AVA and east of Dettelbach along Park Avenue (formerly known as the North Parcel), shown on Figure 1. Approximately 220 cubic yards of soil was removed from an approximately 1,900 square foot area to depths ranging from 1 to 4 feet below grade. The 2002 excavation area was subdivided into subsections A, B, C, D, and E, as shown on Attachment B, Figure 1. Following excavation, composite confirmatory soil samples were collected to demonstrate compliance with Type I RRS. The confirmation samples were collected by Conestoga-Rovers & Associates (CRA) and split confirmation samples were collected by the Dextra Group. A summary of the confirmation sample analytical results is provided in Attachment B, Table 1. Following removal of pesticide-impacted soils above Type I RRS, imported soil was placed in the excavation to match the original grade and seeded to establish a grass cover.

In March 2004, Contaminant Control, Inc. (CCI) was contracted to remove pesticide contaminated soil above Type 1 RRS on the AVA property between the West Retaining Wall and the Dettelbach-AVA property line, shown on Figure 1. Approximately 370 cubic yards of soil was removed from an approximately 12,200 square foot excavation area at depths ranging from 2 to 10.5 feet below grade. Following the initial excavation, confirmatory composite soil samples were collected from the bottom of the excavation trench. The areas where the confirmatory sample results were above the Type I RRS were excavated an additional 1 to 4 feet and subsequently resampled to document removal of pesticide-impacted soil above Type I RRS. The locations and depths of the confirmatory samples are shown on Attachment C, Figure 2. A description of confirmation soil samples is listed in Attachment C, Table 1, and a summary of the excavation confirmation soil sample analytical data is provided in Attachment C, Table 2.

From October 2008 through January 2009, Longhunter Contracting Company, LLC (Longhunter) was contracted to remove the remaining pesticide-contaminated soils from the AVA property, as shown on Figure 1. Excavations were completed in multiple stages to varying depths until the analytical results for the confirmatory soil samples were in compliance with Type 1 RRS. The final depth of excavations ranged from 1.5 to 6.0 feet below grade. A total of 1,600 cubic yards of soil was excavated from the Property, as shown on Attachment D, Figure 4. The locations of confirmatory soil samples are shown on Attachment D, Figure 5. A summary of the excavation confirmation soil sample analytical data is provided in Attachment D, Table 1.

As described in the *Voluntary Investigation and Remediation Plan* dated September 2015, from June through August 2014, EarthCon Consultants, Inc. (EarthCon) conducted a soil investigation at the DPW and AVA properties. Approximately 187 soil samples (including duplicates) were collected from 71 soil borings at designated discrete intervals. The intent of the soil boring locations was to assess and delineate potential pesticide-impacted soil on the DPW property, investigate and delineate preferential pathways for overland flow and migration of contaminants, and confirm that previous excavation areas complied with applicable Type I RRS.

Figure 2 depicts the 2014 soil sample locations in relation to the historical excavation areas. With the exception of two sample locations within the 2004 excavation area, the 2014 samples confirmed that the historical excavation areas meet Type 1 RRS (see attached Table 1, EarthCon 2015). Additional soil excavation was completed in 2016-2017 to address the area that was above Type 1 RRS and is not being covered with the asphalt cap. The additional sampling and excavation activities completed in 2016-2017 will be described in the forthcoming CSR Update.

In summary, documentation reviewed from previous remediation activities indicated that historical excavations completed from 2001 through 2009 removed soils impacted with pesticides above the Type I RRS. If you have any questions regarding this summary letter, please feel free to contact the undersigned at (770) 973-2100.

Sincerely,



R. Jessica Turner, P.G.
Project Geologist



Russell K. Schlecht, P.E.
Principal Engineer

Cc: Mr. Bill Williams, Georgia EPD
Mr. Gary Rogers, Environmental Manager, Rollins, Inc.

Attachments

Figure 1: Areas of Historical Soil Excavation 2001-2009

Figure 2: Historical Excavation Areas and 2014 Soil Boring Locations

Attachment A: 2001 Soil Excavation Figures and Confirmatory Sample Data Summary, Compliance Status Report, Dettelbach Pesticide Warehouse Site, December 2001

- Figure 3.2 – Horizontal Limits of Soil Removal
- Figure 3.3 – Soil Removal Confirmatory Sample Locations
- Table 3.6 – Analytical Data Summary – Confirmatory Soil Samples

Attachment B: 2002 Soil Excavation Figures and Confirmatory Sample Data Summary

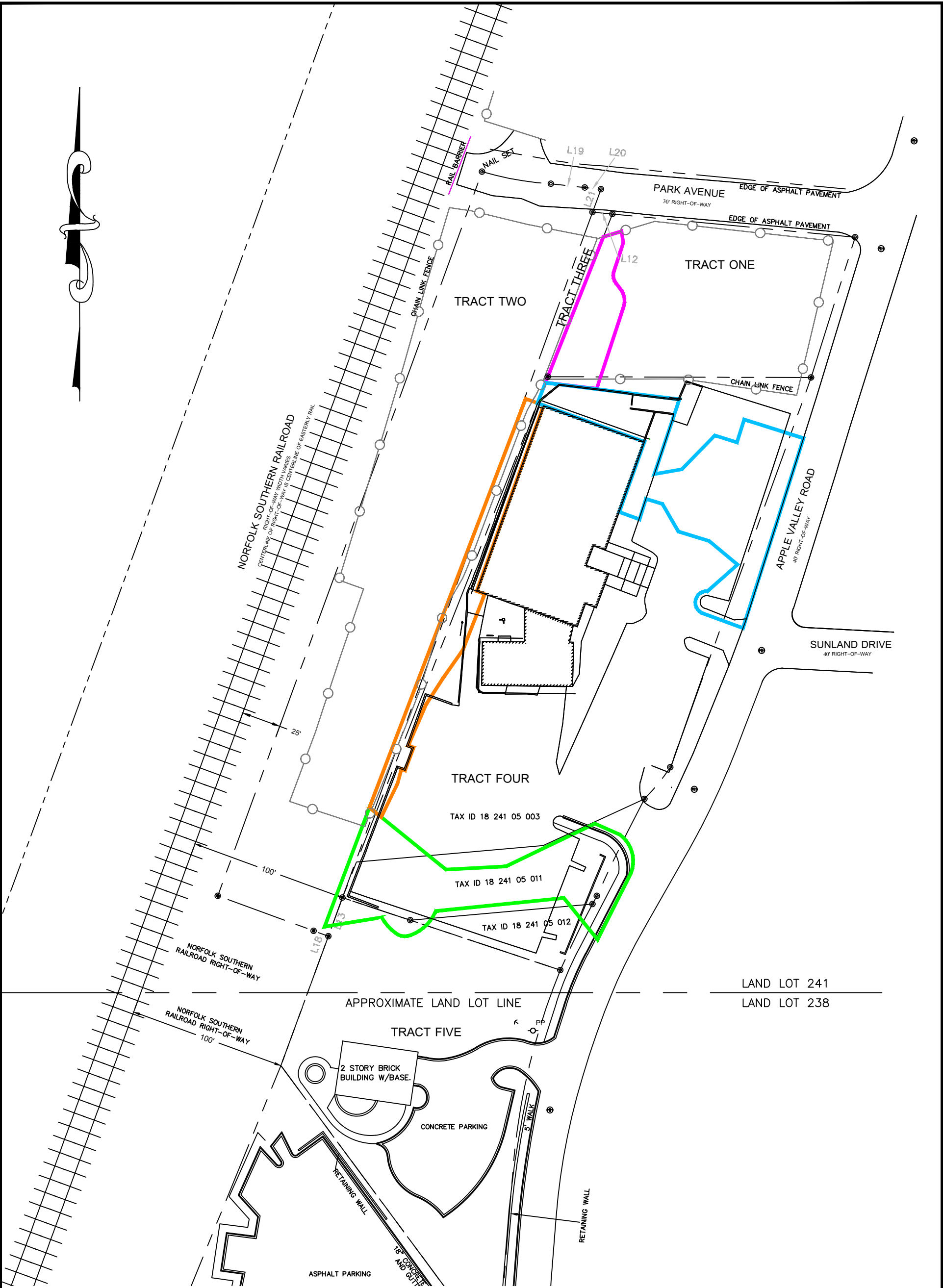
- Figure 1 – Soil Removal Program Area II, Former Dettelbach Warehouse Site
- Table 1 – Summary of Detected Compounds, Soil Confirmation Samples, Area II Soil Removal, Former Dettelbach Site

Attachment C: 2004 Soil Excavation Figures and Confirmatory Sample Data Summary

- Figure 2 – Soil Removal and Disposal, Western Parcel AVA Property
- Table 1 – Soil Sample Key, Dettelbach West Retaining Wall
- Table 2 – Analytical Data Summary for Confirmation Samples, Dettelbach West Retaining Wall

Attachment D: 2008-2009 Soil Excavation Figures and Confirmatory Sample Data Summary

- Figure 4 – Soil Remediation Areas, AVA Property
- Figure 5 – Confirmation Soil Samples, AVA Property
- Table 1 – 2008 Analytical Results of Confirmation Soil Samples, AVA Property

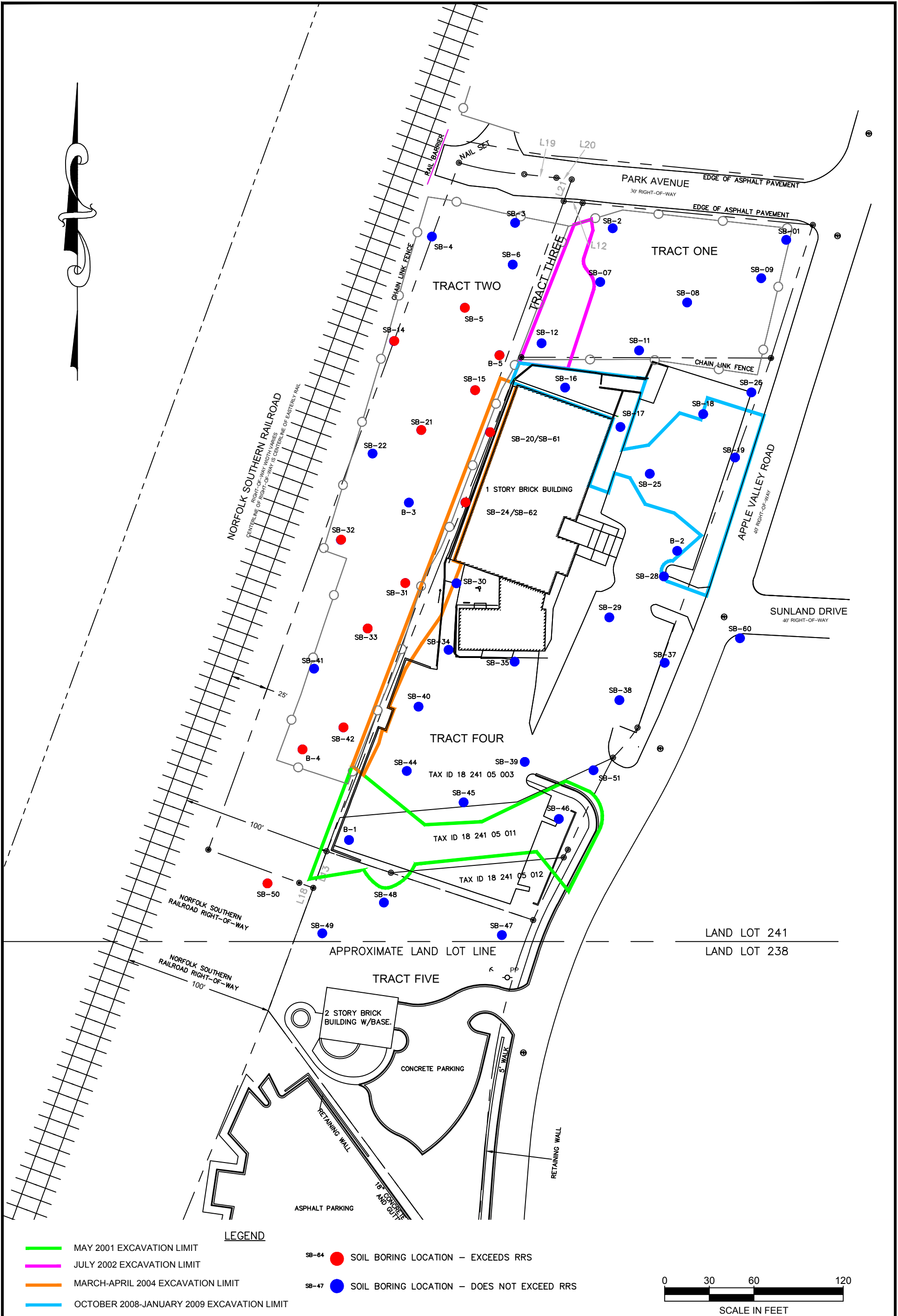


- MAY 2001 EXCAVATION LIMIT
- MARCH-APRIL 2004 EXCAVATION LIMIT
- JULY 2002 EXCAVATION LIMIT
- OCTOBER-JANUARY 2009 EXCAVATION LIMIT



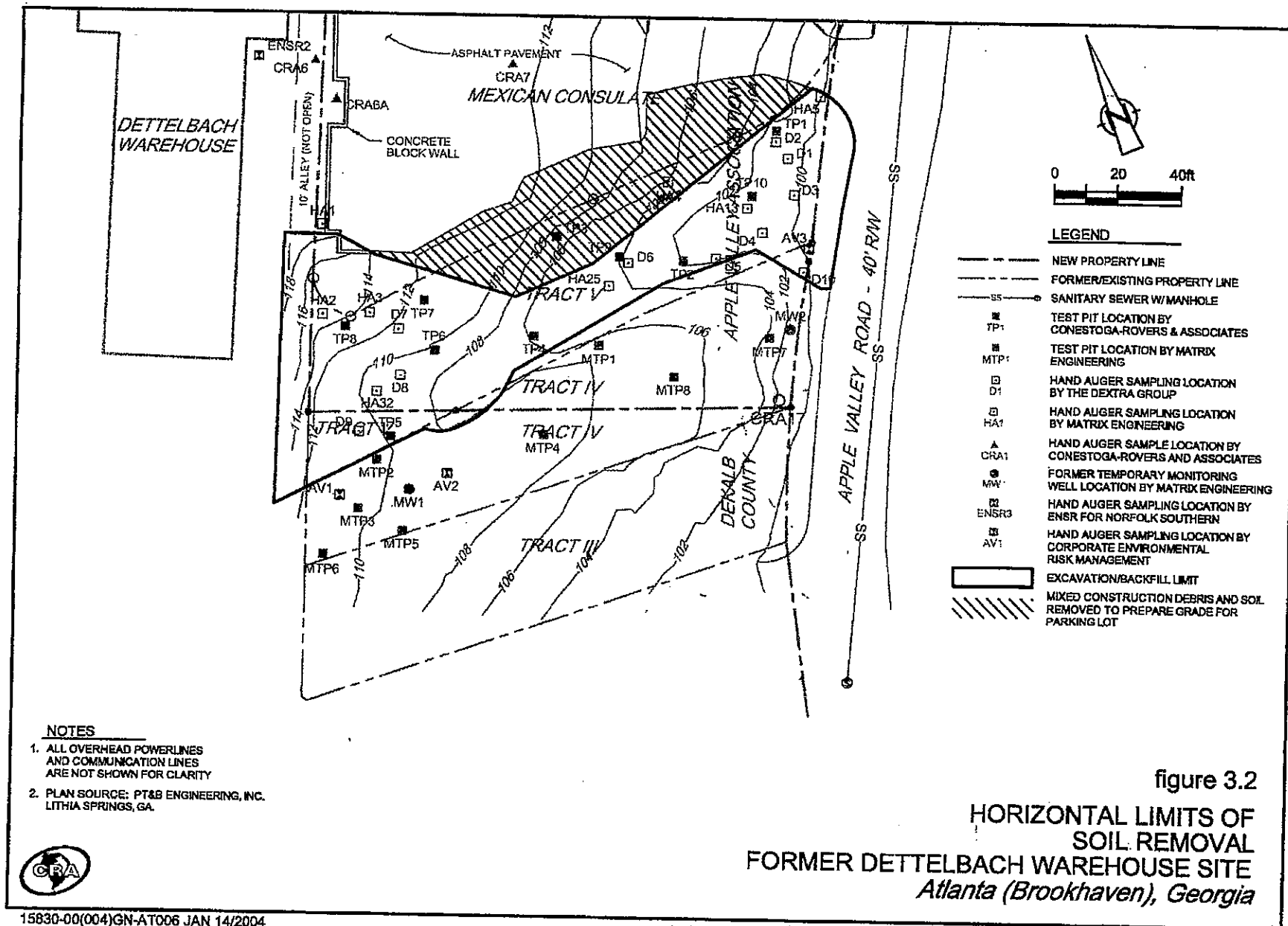
SOURCE: LANDMAN INC. dba LAND DEVELOPING CO. BOUNDARY SURVEY (3/27/2014)

<div>DETTELBACH PESTICIDE WAREHOUSE</div> <div>ATLANTA (BROOKHAVEN), GEORGIA</div> <div>DEKALB COUNTY</div> <div>HSI SITE NUMBER 10612</div> <div>PROJECT NO. 02.20140272.00</div>		<div>EARTHCON®</div> <div>EarthCon Consultants, Inc.</div> <div>1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062</div>		<div>HISTORICAL SOIL EXCAVATION AREAS</div> <div>2001-2009</div>	
DRAWN: HVP		CHECKED: JT		DATE: MAY 2017	
				FIGURE: 1	



<p>DETTELBACH PESTICIDE WAREHOUSE</p> <p>ATLANTA (BROOKHAVEN), GEORGIA DEKALB COUNTY HSI SITE NUMBER 10612 PROJECT NO. 02.20140272.00</p>		<p>EARTHCON[®]</p> <p>EarthCon Consultants, Inc.</p> <p>1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062</p>		<p>HISTORICAL EXCAVATION AREAS AND 2014 SOIL BORING LOCATIONS</p>	
DRAWN: HVP		CHECKED: JT		DATE: MAY 2017	
				FIGURE: 2	

ATTACHMENT A
2001 Soil Excavation Figures and
Confirmatory Sample Data Summary



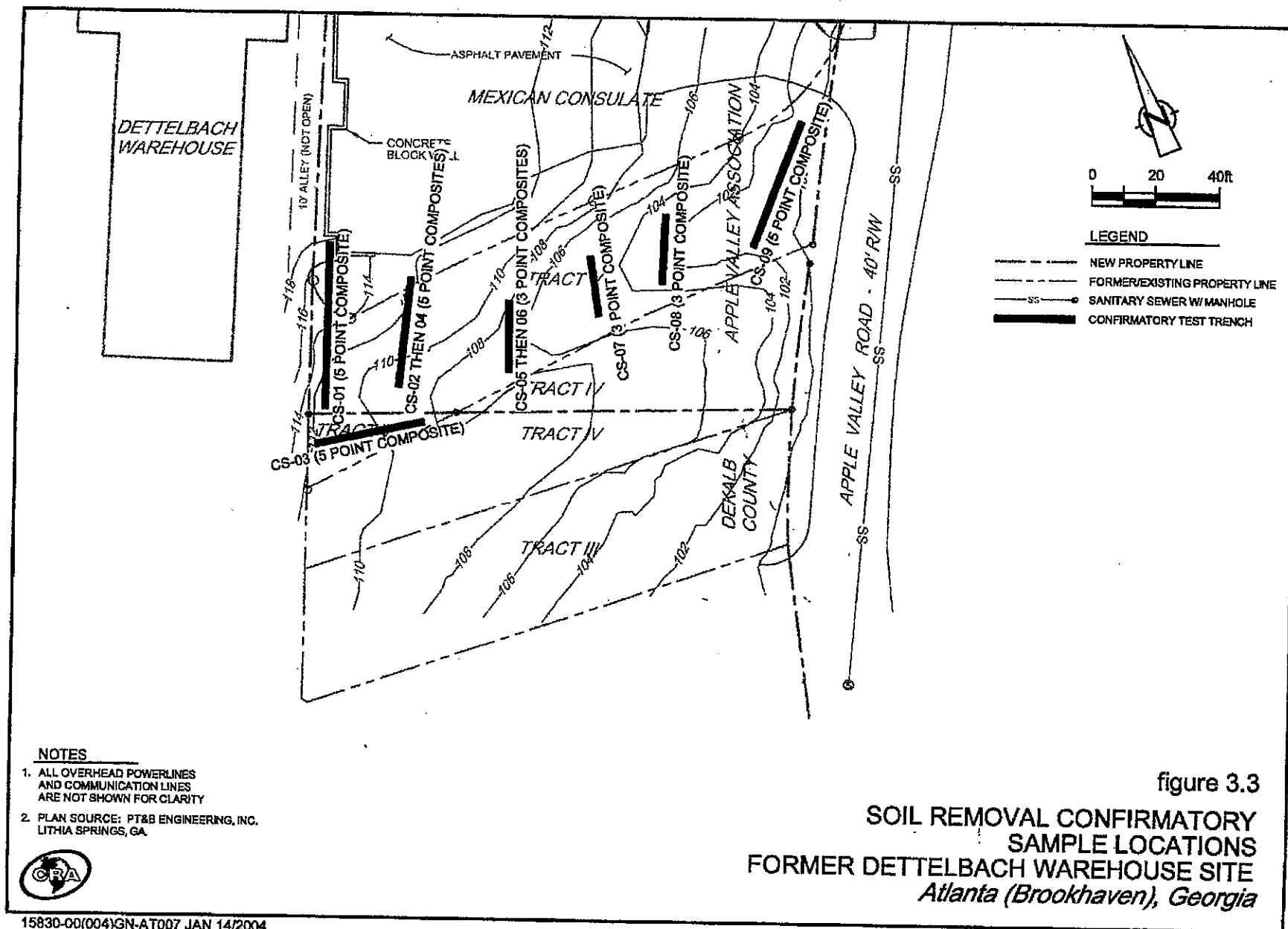


TABLE 3.6
ANALYTICAL DATA SUMMARY – CONFIRMATORY SOIL SAMPLES
DEITELBACH WAREHOUSE SITE
ATLANTA, GEORGIA

Sample Location ID: Sample Identification:		CS-01	CS-02	CS-03	CS-04	CS-04	CS-05	CS-06	CS-06	CS-07	CS-07	CS-08	CS-08	CS-09	CS-09
		CS-050101- MR-01	CS-050401- MR-02	CS-050701- MR-03	CS-050801- MR-04	CS-050801- MR-04	CS-050801- MR-05	CS-051001- MR-06	CS-051001- MR-06	CS-051001- MR-07	CS-051001- MR-07	CS-051101- MR-08	CS-051101- MR-08	CS-051101- MR-09	CS-051101- MR-09
Laboratory		AES	AES	AES	AES	ACL	AES	AES	ACL	AES	ACL	AES	ACL	AES	ACL
Sample Collection Date:		5/1/01	5/4/01	5/7/01	5/8/01	5/8/01	5/8/01	5/10/01	5/10/01	5/10/01	5/10/01	5/11/01	5/11/01	5/11/01	5/11/01
Organochlorine Pesticides	Units	HSRA Type 1 RRS													
4,4'-DDD	mg/kg	0.66	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.005	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U
4,4'-DDE	mg/kg	0.66	0.025	0.028	0.02	0.0033 U	0.006	0.031	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U
4,4'-DDT	mg/kg	0.66	0.077	1.7	0.11	0.032	0.047	0.59	0.0033 U	0.005 U	0.016	0.008	0.11	0.027	0.012
Aldrin	mg/kg	0.66	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.005 U	0.0017 U	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0017 U
Dieldrin	mg/kg	0.66	0.057	0.017	0.15	0.023	0.012	0.11	0.0033 U	0.005 U	0.033	0.034	0.014	0.038	0.0081
alpha-BHC	mg/kg	0.66	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.005 U	0.0017 U	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0017 U
beta-BHC	mg/kg	0.66	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.005 U	0.0017 U	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0017 U
gamma-BHC	mg/kg	0.66	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U
delta-BHC	mg/kg	0.66	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.005 U	0.0017 U	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0017 U
alpha-Chlordane	mg/kg	9.2	0.25	0.07	0.17	0.11	—	0.2	0.0017 U	—	0.0046	—	0.033	—	0.013
gamma-Chlordane	mg/kg	9.2	0.4	0.096	0.23	0.17	—	0.28	0.0017 U	—	0.0068	—	0.056	—	0.025
Chlordane	mg/kg	9.2	—	—	—	—	0.17	—	—	0.010 U	—	0.066	—	0.548	—
Endosulfan I	mg/kg	10	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.005 U	0.0017 U	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0017 U
Endosulfan II	mg/kg	10	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U
Endosulfan sulfate	mg/kg	1.65	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U
Endrin	mg/kg	10	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U
Endrin aldehyde	mg/kg	10	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U	0.005 U	0.0033 U
Endrin ketone	mg/kg	10	0.0033 U	0.0033 U	0.0033 U	0.0033 U	—	0.0033 U	0.0033 U	—	0.0065	—	0.0033 U	—	0.0033 U
Heptachlor	mg/kg	0.66	0.012	0.0086	0.021	0.014	0.005 U	0.032	0.0017 U	0.005 U	0.0017 U	0.005 U	0.0045	0.005 U	0.0017 U
Heptachlor Epoxide	mg/kg	1.65	0.041	0.018	0.017	0.069	0.01	0.046	0.0017 U	0.005 U	0.0017 U	0.005 U	0.011	0.024	0.0034
Methoxychlor	mg/kg	10	0.017 U	0.017 U	0.017 U	0.017 U	0.005 U	0.017 U	0.017 U	0.005 U	0.017 U	0.005 U	0.017 U	0.005 U	0.017 U
Toxaphene	mg/kg	10.88	0.17 U	0.17 U	0.17 U	0.17 U	0.1 U	0.17 U	0.17 U	0.1 U	0.17 U	0.1 U	0.17 U	0.1 U	0.17 U
Notes:		— Parameter not reported													
		0.01 U Parameter not detected at detection limit preceding "U"													
		9.3 Concentration exceeds Type 1 RRS													

ATTACHMENT B
2002 Soil Excavation Figures and
Confirmatory Sample Data Summary

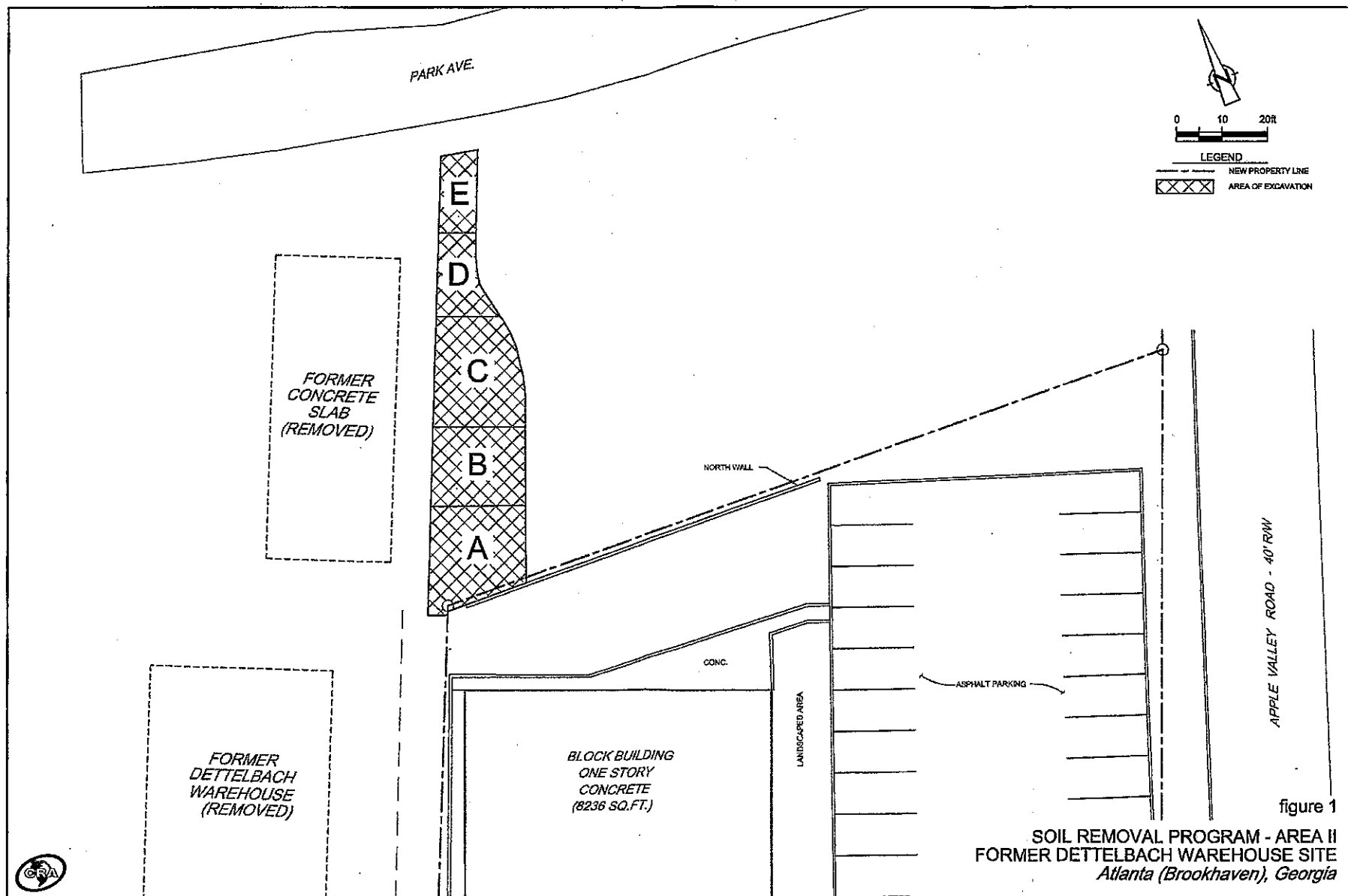


figure 1

SOIL REMOVAL PROGRAM - AREA II
FORMER DETTELBACH WAREHOUSE SITE
Atlanta (Brookhaven), Georgia



TABLE 1
SUMMARY OF DETECTED COMPOUNDS
SOIL CONFIRMATION SAMPLES
AREA II SOIL REMOVAL
FORMER DETTELBACH SITE
ATLANTA, GEORGIA

Map Location ¹ :			A				B				C			D	E
Parameter	Units	HSRA Type 1	INITIAL SAMPLE ²		RESAMPLED		INITIAL SAMPLE		RESAMPLED		INITIAL	RESAMPLED			
			CRA	Dextra	CRA	Dextra	CRA	Dextra	CRA	Dextra	CRA	CRA	Dextra	CRA	CRA
			002	CI	009	C6	003	C2	011	C8	005	010	C7	007	008
			3'	3'	4'	4'	1'	1'	2'	2'	2'	4'	4'	2'	1'
			Excavation/Sample Depth ³ :	Sample Date:	Excavation/Sample Depth ³ :	Sample Date:	Excavation/Sample Depth ³ :	Sample Date:	Excavation/Sample Depth ³ :	Sample Date:	Excavation/Sample Depth ³ :	Sample Date:	Excavation/Sample Depth ³ :	Sample Date:	Excavation/Sample Depth ³ :
			7/17/02	7/17/02	7/20/02	7/20/02	7/17/02	7/17/02	7/20/02	7/20/02	7/18/02	7/20/02	7/20/02	7/18/02	7/18/02
Aldrin	mg/Kg	0.66	ND ⁴	ND	ND	ND	0.043	ND	ND	ND	ND	ND	ND	0.013	ND
Dieldrin	mg/Kg	0.66	0.13	ND	0.0043	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	mg/Kg	0.66	0.43	0.357	ND	ND	0.25	0.375	0.061	0.104	2.3	ND	ND	0.074	0.11
4,4'-DDE	mg/Kg	0.66	ND	0.091	ND	ND	0.12	0.091	0.05	0.083	0.56	ND	ND	ND	0.016
4,4'-DDT	mg/Kg	0.66	0.28	0.17	ND	ND	0.65	0.17	0.064	0.11	0.8	ND	ND	0.11	0.47
delta-BHC	mg/Kg	0.66	0.18	ND	ND	ND	0.02	ND	ND	ND	0.56	ND	ND	0.011	0.015
gamma-BHC (Lindane)	mg/Kg	0.66	ND	ND	ND	ND	ND	ND	ND	ND	0.0069	ND	ND	0.0041	ND
alpha-Chlordane	mg/Kg	9.2	1.1	ND	0.0031	ND	0.15	ND	0.034	ND	2.2	ND	ND	0.16	0.12
gamma-Chlordane	mg/Kg	9.2	1.5	ND	0.008	ND	0.078	ND	0.028	ND	2.7	ND	ND	0.15	0.13
Chlordane	mg/Kg	9.2	8.3	8.38	ND	0.028	0.99	ND	ND	0.473	15	ND	ND	0.99	0.67
Heptachlor	mg/Kg	0.66	0.27	0.273	ND	ND	0.017	0.273	ND	ND	0.28	ND	ND	0.03	0.018
Heptachlor epoxide	mg/Kg	1.65	ND	0.152	0.0062	ND	ND	0.152	0.0073	ND	ND	ND	ND	0.027	ND
Methoxychlor	mg/Kg	10	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND

NOTES:

- 1- Map Location of Confirmatory Sample as shown on Figure 1.
- 2- Initial Confirmatory Sample result, area was subsequently over-excavated and resampled.
- 3- Confirmatory composite sample collected from final excavation depths shown.
- 4- Analyte not detected (ND).

ATTACHMENT C
2004 Soil Excavation Figures and
Confirmatory Sample Data Summary



TABLE 1
SOIL SAMPLE KEY
DETTELBAACH-WEST RETAINING WALL
ATLANTA, GEORGIA

CONFIRMATION SOIL SAMPLES			
SAMPLE ID	SAMPLE LOCATION	SAMPLE DEPTH (FT)	SAMPLE DATE
C-033104-TBM-01	7 - 15 ft from S end of trench	5.0	3/31/2004
C-033104-TBM-02	50 -58 ft from S end of trench	4.0	3/31/2004
C-040104-TBM-05	24 ft from N end of trench	3.0	4/1/2004
C-040104-TBM-06	40 ft from N end of trench	3.0	4/1/2004
C-040104-TBM-07	64 ft from N end of trench	6.0	4/1/2004
C-040104-TBM-08	86 ft from N end of trench	2.0	4/1/2004
C-040104-TBM-09	143 ft from N end of trench	2.0	4/1/2004
C-040104-TBM-10	180 ft from N end of trench	2.0	4/1/2004
C-040504-TBM-11	17 ft from S end of trench	5.0	4/5/2004
C-040504-TBM-12	50 ft from N end of trench	5.0	4/5/2004
C-040604-TBM-15	5 ft from N end of trench	5.0	4/6/2004
C-040604-TBM-16	25 ft fom N end of trench	5.0	4/6/2004
C-040604-TBM-17	47 ft from N end of trench	9.0	4/6/2004
C-040704-TBM-20	46 ft from N end of trench	6.5 E WALL	4/7/2004
C-040704-TBM-21	10 ft from S end of trench	8.0	4/7/2004
C-040704-TBM-22	25 ft fom S end of trench	10.5	4/7/2004
C-040804-TBM-23	17 ft from S end of trench	8.0 on E WALL	4/8/2004

TABLE 2
ANALYTICAL DATA SUMMARY FOR CONFIRMATION SAMPLES
DETTELBACH- WEST RETAINING WALL
ATLANTA, GEORGIA

SAMPLE ID	C-033104-TBM-01	C-040704-TBM-21	C-033104-TBM-02	C-040504-MTB-12	C-040104-TBM-05
SAMPLE LOCATION (TRENCH)	7-15 ft from S end	10 ft from S end	50-58 ft from S end	50 ft from N end	24 ft from N end
SAMPLE DEPTH	5.0'	8.0'	4.0'	5.0'	3.0'
STATUS	FAILED	PASSED	FAILED	PASSED	FAILED

PESTICIDES	UNITS	TYPE 1					
		RRS					
4,4' - DDD	µg/kg	660	360	28	400	57	<33
4,4' - DDE	µg/kg	660	44	12	70	23	<3.3
4,4' - DDT	µg/kg	660	1,600	340	1,600	180	420
Aldrin	µg/kg	660	4.0	<1.7	<1.7	<1.7	<1.7
alpha - BHC	µg/kg	660	<1.7	<1.7	<1.7	<1.7	<1.7
alpha - Chlordane	µg/kg	9,200	260	21	590	170	7,400
beta -BHC	µg/kg	660	<1.7	<1.7	<1.7	<1.7	24
delta-BHC	µg/kg	660	<1.7	<1.7	<1.7	<1.7	<1.7
Dieldrin	µg/kg	660	78	<3.3	81	<33	820
Endrosulfan I	µg/kg	10,000	<1.7	<1.7	<1.7	<1.7	<1.7
Endrosulfan II	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<3.3
Endrosulfan Sulfate	µg/kg	1,650	<3.3	<3.3	3.4	<3.3	<3.3
Endrin	µg/kg	10,000	<67	<3.3	<170	<3.3	<3.3
Endrin Aldehyde	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<33
Endrin Ketone	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<33
gamma - BHC	µg/kg	660	<3.3	<3.3	<3.3	<3.3	22
gamma - Chlordane	µg/kg	9,200	160	13	390	160	8,000
Heptachlor	µg/kg	660	5.2	<1.7	41	7.4	3,100
Heptachlor epoxide	µg/kg	1,650	21	<1.7	43	<1.7	<1.7
Methoxychlor	µg/kg	10,000	<17	<17	<17	<17	<170
Toxaphene	µg/kg	10,880	<170	<170	<170	<170	<170

NOTES:

1. Boxed concentrations exceed corresponding Type 1 Risk Reduction Standard (RRS).
2. "<" Indicates analyte not detected at indicated detection limit.

TABLE 2
ANALYTICAL DATA SUMMARY FOR CONFIRMATION SAMPLES
DETTELBACH- WEST RETAINING WALL
ATLANTA, GEORGIA

SAMPLE ID			C-040604-TBM-16	C-040104-TBM-06	C-040104-TBM-07	C-040104-TBM-08	C-040104-TBM-09
SAMPLE LOCATION (TRENCH)			25 ft from N end	40 ft from N end	64 ft from N end	86 ft from N end	143 ft from N end
SAMPLE DEPTH			5.0'	3.0'	6.0'	2.0'	2.0'
STATUS			PASSED	FAILED	PASSED	PASSED	PASSED
PESTICIDES	UNITS	TYPE 1 RRS					
4,4' - DDD	µg/kg	660	<3.3	19,000	34	<33	<3.3
4,4' - DDE	µg/kg	660	<3.3	<33	<3.3	<3.3	<3.3
4,4' - DDT	µg/kg	660	<67	2,300	<33	110	69
Aldrin	µg/kg	660	<1.7	1,100	3.8	29	<1.7
alpha - BHC	µg/kg	660	<1.7	910	<1.7	<1.7	<1.7
alpha - Chlordane	µg/kg	9,200	370	48,000	110	1,700	910
beta -BHC	µg/kg	660	<1.7	<17	<1.7	<1.7	<1.7
delta-BHC	µg/kg	660	<1.7	390	<17	<1.7	<1.7
Dieldrin	µg/kg	660	49	4,400	31	300	74
Endrosulfan I	µg/kg	10,000	<1.7	<17	<1.7	<1.7	<1.7
Endrosulfan II	µg/kg	10,000	<3.3	<33	<3.3	<3.3	<3.3
Endrosulfan Sulfate	µg/kg	1,650	<3.3	<33	<3.3	<3.3	<3.3
Endrin	µg/kg	10,000	<3.3	<330	<3.3	<3.3	<3.3
Endrin Aldehyde	µg/kg	10,000	<3.3	<33	<3.3	<3.3	<3.3
Endrin Ketone	µg/kg	10,000	<3.3	<330	<3.3	<33	<33
gamma - BHC	µg/kg	660	<3.3	<33	5.3	6.3	<3.3
gamma - Chlordane	µg/kg	9,200	440	42,000	91	1,500	590
Heptachlor	µg/kg	660	34	4,700	24	490	46
Heptachlor epoxide	µg/kg	1,650	<1.7	<17	12	<1.7	<1.7
Methoxychlor	µg/kg	10,000	<17	<170	<17	<17	<17
Toxaphene	µg/kg	10,880	<170	<1700	<170	<170	<170

NOTES:

1. Boxed concentrations exceed corr
2. "<" Indicates analyte not detected

TABLE 2
ANALYTICAL DATA SUMMARY FOR CONFIRMATION SAMPLES
DETTELBACH- WEST RETAINING WALL
ATLANTA, GEORGIA

<i>SAMPLE ID</i>			C-040104-TBM-10	C-040504-TBM-11	S-040804-TBM-23	C-040604-TBM-15	C-040604-TBM-17
<i>SAMPLE LOCATION (TRENCH)</i>			180 ft from N end	17 ft from S end	17 ft from S end	5 ft from N end	47 ft from N end
<i>SAMPLE DEPTH</i>			2.0'	5.0'	8.0' (on E wall)	5.0'	9.0'
<i>STATUS</i>			PASSED	FAILED	PASSED	PASSED	PASSED
<i>PESTICIDES</i>	<i>UNITS</i>	<i>TYPE 1 RRS</i>					
4,4' - DDD	µg/kg	660	<3.3	400	<3.3	20	28
4,4' - DDE	µg/kg	660	<3.3	56	<3.3	<3.3	<3.3
4,4' - DDT	µg/kg	660	<3.3	1,500	<3.3	<3.3	7.8
Aldrin	µg/kg	660	<1.7	2.2	<1.7	<1.7	<1.7
alpha - BHC	µg/kg	660	<1.7	<1.7	<1.7	2.7	12
alpha - Chlordane	µg/kg	9,200	290	420	<1.7	150	75
beta -BHC	µg/kg	660	<1.7	<1.7	<1.7	9.5	<1.7
delta-BHC	µg/kg	660	<1.7	<1.7	<1.7	3.5	12
Dieldrin	µg/kg	660	17	68	<3.3	65	21
Endrosulfan I	µg/kg	10,000	<1.7	<1.7	<1.7	<1.7	<1.7
Endrosulfan II	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<3.3
Endrosulfan Sulfate	µg/kg	1,650	<3.3	<3.3	<3.3	<3.3	<3.3
Endrin	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<3.3
Endrin Aldehyde	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<3.3
Endrin Ketone	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<3.3
gamma - BHC	µg/kg	660	<3.3	<3.3	<3.3	6.4	100
gamma - Chlordane	µg/kg	9,200	130	320	<1.7	140	67
Heptachlor	µg/kg	660	<1.7	4.4	<1.7	98	16
Heptachlor epoxide	µg/kg	1,650	49	39	<1.7	<1.7	<1.7
Methoxychlor	µg/kg	10,000	<1.7	<1.7	<1.7	<1.7	<1.7
Toxaphene	µg/kg	10,880	<170	<170	<170	<170	<170

NOTES:

1. Boxed concentrations exceed corr
2. "<" Indicates analyte not detected

TABLE 2
ANALYTICAL DATA SUMMARY FOR CONFIRMATION SAMPLES
DETTELBACH- WEST RETAINING WALL
ATLANTA, GEORGIA

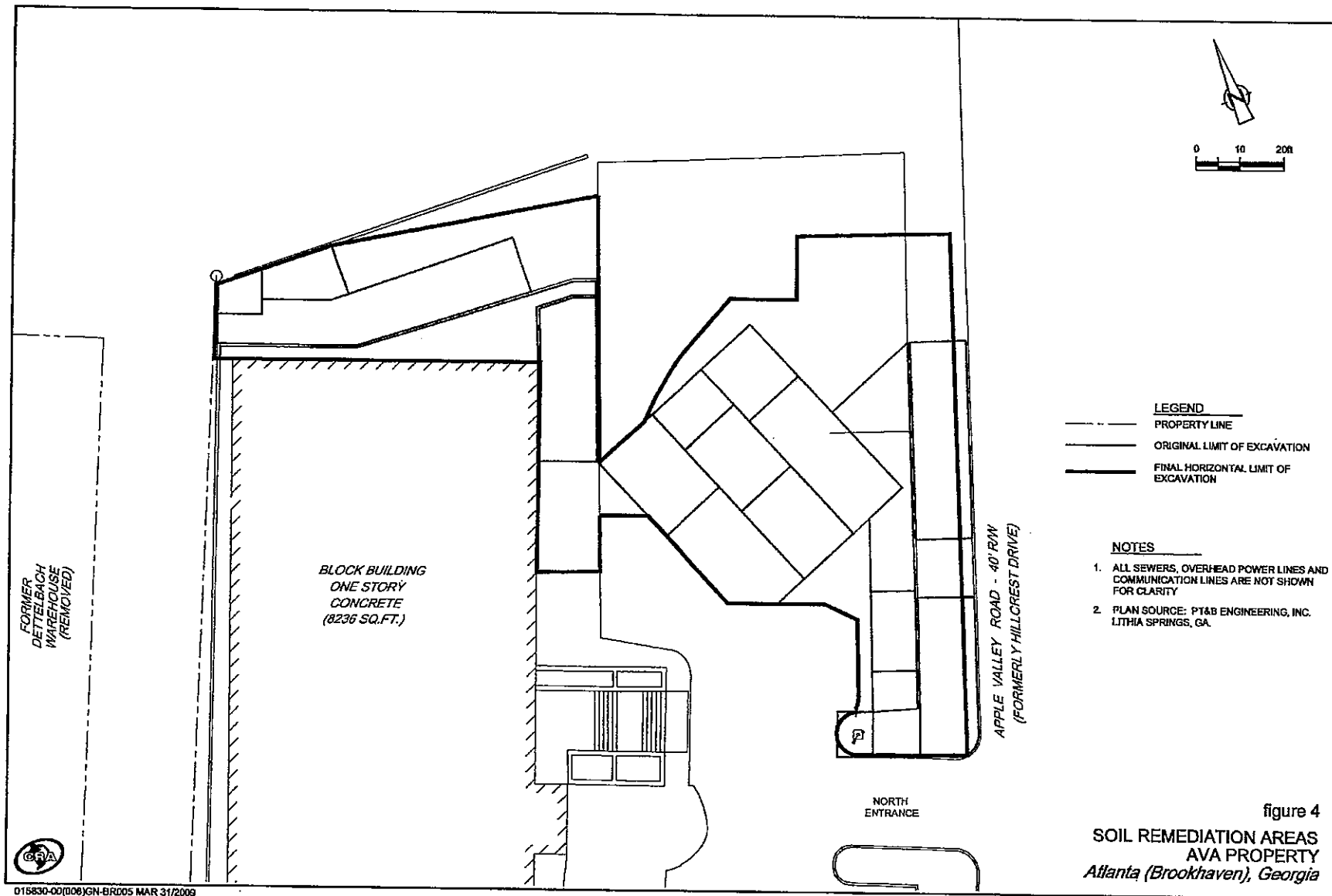
SAMPLE ID	C-040704-TBM-20	C-040704-TBM-22
SAMPLE LOCATION (TRENCH)	46 ft from N end	25 ft from S end
SAMPLE DEPTH	6.5' (on E wall)	10.5'
STATUS	PASSED	PASSED

<i>PESTICIDES</i>	<i>UNITS</i>	<i>TYPE 1 RRS</i>		
4,4' - DDD	µg/kg	660	160	<3.3
4,4' - DDE	µg/kg	660	<3.3	<3.3
4,4' - DDT	µg/kg	660	36	26
Aldrin	µg/kg	660	<1.7	<1.7
alpha - BHC	µg/kg	660	20	<1.7
alpha - Chlordane	µg/kg	9,200	450	<1.7
beta -BHC	µg/kg	660	7.9	<1.7
delta-BHC	µg/kg	660	24	<1.7
Dieldrin	µg/kg	660	120	<3.3
Endrosulfan I	µg/kg	10,000	<1.7	<1.7
Endrosulfan II	µg/kg	10,000	<3.3	<3.3
Endrosulfan Sulfate	µg/kg	1,650	<3.3	<3.3
Endrin	µg/kg	10,000	<3.3	<3.3
Endrin Aldehyde	µg/kg	10,000	<3.3	<3.3
Endrin Ketone	µg/kg	10,000	4.4	<3.3
gamma - BHC	µg/kg	660	420	<3.3
gamma - Chlordane	µg/kg	9,200	380	<1.7
Heptachlor	µg/kg	660	35	<1.7
Heptachlor epoxide	µg/kg	1,650	<1.7	<1.7
Methoxychlor	µg/kg	10,000	<17	<17
Toxaphene	µg/kg	10,880	<170	<170

NOTES:

1. Boxed concentrations exceed corr
2. "<" Indicates analyte not detected

ATTACHMENT D
2008-2009 Soil Excavation Figures and
Confirmatory Sample Data Summary



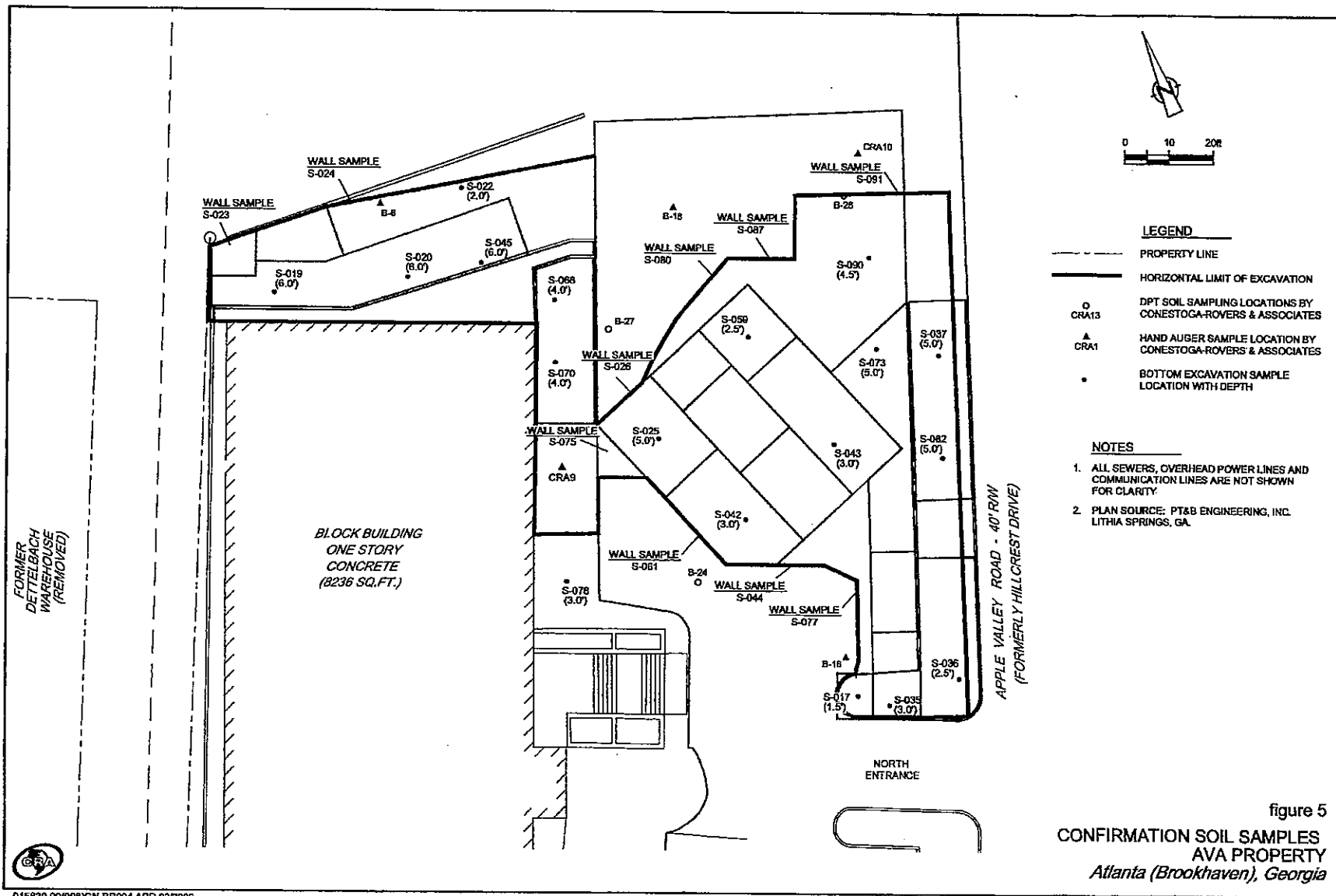


TABLE 1
2008 ANALYTICAL RESULTS OF
CONFIRMATION SOIL SAMPLES
AVA PROPERTY
ATLANTA, GEORGIA

SAMPLE ID			S-102308-DJB-017	S-102808-SAG-019	S-102808-SAG-020	S-102808-SAG-021	S-102808-SAG-022	S-102808-SAG-023	S-102808-SAG-024	S-102908-DJB-025
SAMPLE LOCATION			Bottom	Bottom	Bottom	Bottom	Bottom	Wall	Wall	Bottom
SAMPLE DEPTH (FT)			1.5	6	6	2.0 - 6.0	2	2.5	2.5	5
SAMPLE DATE			10/23/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/29/2008
PESTICIDES	UNITS	TYPE 1 RRS								
4,4' - DDD	µg/kg	660	<3.6	<3.9	11	<4.0	100	43	26	21
4,4' - DDE	µg/kg	660	40	<3.9	17	32	95	28	43	12
4,4' - DDT	µg/kg	660	37	<3.9	32	48	120	69	110	<4.1
Aldrin	µg/kg	670	<1.8	<1.9	<1.9	<2.0	<1.9	2.1	<1.9	8.3
alpha - BHC	µg/kg	660	<1.8	<1.9	<1.9	<2.0	<1.9	<1.8	<1.9	<2.0
alpha - Chlordane	µg/kg	9,200	740	7.1	320	1,000	820	250	520	150
beta - BHC	µg/kg	660	<1.8	<1.9	<1.9	<2.0	<1.9	<1.8	<1.9	<2.0
delta-BHC	µg/kg	660	<1.8	<1.9	<1.9	<2.0	<1.9	<1.8	<1.9	<2.0
Dieldrin	µg/kg	660	470	<3.9	81	170	160	62	110	48
Endrosulfan I	µg/kg	10,000	<1.8	<1.9	<1.9	<2.0	<1.9	<1.8	<1.9	<2.0
Endrosulfan II	µg/kg	10,000	<3.6	<3.9	15	<4.0	<3.7	<3.5	<3.8	<4.1
Endrosulfan Sulfate	µg/kg	1,650	<3.6	<3.9	<3.8	<4.0	<3.7	<3.5	<3.8	<4.1
Endrin	µg/kg	10,000	<3.6	<3.9	<3.8	50	35	<3.5	<3.8	<4.1
Endrin Aldehyde	µg/kg	10,000	<3.6	<3.9	<3.8	<4.0	<3.7	<3.5	<3.8	<4.1
Endrin Ketone	µg/kg	10,000	8	<3.9	<3.8	<4.0	<3.7	<3.5	<3.8	<4.1
gamma - BHC	µg/kg	660	<3.6	<3.9	<3.8	<4.0	<3.7	<3.5	<3.8	<4.1
gamma - Chlordane	µg/kg	9,200	780	9.2	380	1,300	1,100	390	700	170
Heptachlor	µg/kg	660	7.1	<1.9	6.6	7.5	43	15	34	<2.0
Heptachlor epoxide	µg/kg	1,650	220	6.4	58	110	140	52	62	<2.0
Methoxychlor	µg/kg	10,000	<18	<19	<19	<20	<19	<18	<19	<20
Toxaphene	µg/kg	10,880	<180	<190	<190	<200	<190	<180	<190	<200

Notes:

1. "<" Indicates analyte not detected at indicated detection limit.
2. Base and Wall on the sample locations show that samples were collected from the base and wall of the excavation.
3. 0.001U - Parameter not detected at detection limit preceding "U"

TABLE 1
2008 ANALYTICAL RESULTS OF
CONFIRMATION SOIL SAMPLES
AVA PROPERTY
ATLANTA, GEORGIA

Page 2 of 8

SAMPLE ID		S-102908-DJB-026	S-103008-DJB-035	S-103008-DJB-036	S-103008-DJB-037	S-103008-DJB-039	S-103008-DJB-042	S-103008-DJB-043	S-103008-DJB-044
SAMPLE LOCATION		Wall	Bottom	Bottom	Bottom	Parking Lot	Bottom	Bottom	Wall
SAMPLE DEPTH (FT)		2.5	3	2.5	5	1.5	3	3	1.5
SAMPLE DATE		10/29/2008	10/30/2008	10/30/2008	10/30/2008	10/30/2008	10/30/2008	10/30/2008	10/30/2008
PESTICIDES	UNITS	TYPE 1 RRS							
4,4' - DDD	µg/kg	660	60	<3.7	<3.7	<3.7	<200	<39	75
4,4' - DDE	µg/kg	660	45	<3.7	<3.7	52	<200	<39	<7.8
4,4' - DDT	µg/kg	660	<3.7	<3.7	<3.7	75	<200	<39	<7.8
Aldrin	µg/kg	670	34	<1.8	<1.8	<1.8	<100	<19	<39
alpha - BHC	µg/kg	660	<1.9	<1.8	<1.8	<1.8	<100	<19	<20
alpha - Chlordane	µg/kg	9,200	700	19	26	640	1,400	200	310
beta - BHC	µg/kg	660	<1.9	<1.8	<1.8	<1.8	<100	<19	32
delta - BHC	µg/kg	660	2.5	<1.8	<1.8	<1.8	<100	<19	<3.9
Dieldrin	µg/kg	660	270	3.9	34	<370	<100	<19	<20
Endrosulfan I	µg/kg	10,000	<1.9	<1.8	<1.8	26	100	70	51
Endrosulfan II	µg/kg	10,000	<3.7	<3.7	<3.7	<100	<19	<20	<3.9
Endrosulfan Sulfate	µg/kg	1,650	<3.7	<3.7	<3.7	<200	<39	<39	<7.8
Endrin	µg/kg	10,000	<3.7	<3.7	<3.7	<200	<39	<39	<7.8
Endrin Aldehyde	µg/kg	10,000	<3.7	<3.7	<3.7	<200	<39	<39	<7.8
Endrin Ketone	µg/kg	10,000	<3.7	<3.7	<3.7	<200	<39	<39	<7.8
gamma - BHC	µg/kg	660	<3.7	<3.7	<3.7	<200	<39	<39	<7.8
gamma - Chlordane	µg/kg	9,200	680	17	26	<200	<39	<39	<7.8
Heptachlor	µg/kg	660	<1.9	<1.8	4.9	2,100	290	550	39
Heptachlor epoxide	µg/kg	1,650	<1.9	2.1	48	<100	<19	<20	<3.9
Methoxychlor	µg/kg	10,000	<19	<18	<18	<100	<19	<20	<3.9
Toxaphene	µg/kg	10,880	<190	<180	<180	<1,000	<190	<200	<39
						<10,000	<1,900	<2,000	<390

Notes:

1. "<" Indicates analyte not detected at indicated
2. Base and Wall on the sample locations show th
3. 0.001U - Parameter not detected at detection li

TABLE 1
2008 ANALYTICAL RESULTS OF
CONFIRMATION SOIL SAMPLES
AVA PROPERTY
ATLANTA, GEORGIA

Page 3 of 6

SAMPLE ID			S-103008-DJB-045	S-110608-DJB-059	S-110608-DJB-061	S-111808-DJB-068	S-111808-DJB-069	S-111808-DJB-070	S-111808-DJB-071	S-111808-DJB-073	S-111908-DJB-075
SAMPLE LOCATION			Bottom	Bottom	Wall	Bottom	resample of 066	Bottom	resample of 065	Bottom	Wall
SAMPLE DEPTH (FT)			6	2.5	1.5	4	2.5	4	2.5	5	2.5
SAMPLE DATE			10/30/2008	11/6/2008	11/6/2008	11/18/2008	11/18/2008	11/18/2008	11/18/2008	11/18/2008	11/19/2008
PESTICIDES	UNITS	TYPE 1 RRS									
4,4' - DDD	µg/kg	660	<39	290	<3.9	210	150	<3.9	<4.0	<3.7	<3.9
4,4' - DDE	µg/kg	660	<39	85	<3.9	25	<4.2	<3.9	<4.0	<3.7	<3.9
4,4' - DDT	µg/kg	660	<39	41	<3.9	<4.1	8.2	<3.9	<4.0	<3.7	<3.9
Aldrin	µg/kg	670	<20	<2.0	<2.0	<2.1	<2.1	<1.9	<2.0	23	<3.9
alpha - BHC	µg/kg	660	<20	<2.0	<2.0	<2.1	<2.1	<1.9	<2.0	<1.8	<2.0
alpha - Chlordane	µg/kg	9,200	230	910	18	670	500	1,800	300	280	<2.0
beta - BHC	µg/kg	660	<20	<2.0	<2.0	<2.1	<2.1	<1.9	<2.0	<1.8	29
delta - BHC	µg/kg	660	<20	<2.0	<2.0	<2.1	<2.1	<1.9	<2.0	<1.8	<2.0
Dieldrin	µg/kg	660	76	270	<3.9	250	230	96	31	63	<2.0
Endrosulfan I	µg/kg	10,000	<20	<2.0	<2.0	<2.1	<2.1	<1.9	<2.0	<1.8	14
Endrosulfan II	µg/kg	10,000	<39	<3.9	<3.9	<4.1	<4.2	<3.9	<4.0	<3.7	<2.0
Endrosulfan Sulfate	µg/kg	1,650	<39	<3.9	<3.9	<4.1	<4.2	<3.9	<4.0	<3.7	<3.9
Endrin	µg/kg	10,000	<39	39	<3.9	<4.1	<4.2	<3.9	<4.0	<3.7	<3.9
Endrin Aldehyde	µg/kg	10,000	<39	<3.9	<3.9	<4.1	<4.2	<3.9	<4.0	<3.7	<3.9
Endrin Ketone	µg/kg	10,000	<39	<3.9	<3.9	<4.1	<4.2	<3.9	<4.0	<3.7	<3.9
gamma - BHC	µg/kg	660	<39	20	<3.9	<4.1	<4.2	<3.9	<4.0	<3.7	<3.9
gamma - Chlordane	µg/kg	9,200	310	1,300	11	810	690	2,100	340	360	<3.9
Heptachlor	µg/kg	660	<20	<2.0	<2.0	<2.1	<2.1	<1.9	<2.0	<1.8	40
Heptachlor epoxide	µg/kg	1,650	34	<2.0	<2.0	<2.1	<2.1	<1.9	<2.0	<1.8	<2.0
Methoxychlor	µg/kg	10,000	<200	<20	<20	<21	<21	<19	<20	27	<2.0
Toxaphene	µg/kg	10,880	<2,000	<200	<200	<210	<210	<190	<200	<180	<20

Notes:

1. "<" Indicates analyte not detected at indicated.
2. Base and Wall on the sample locations show the
3. 0.001U - Parameter not detected at detection limit

TABLE 1
2008 ANALYTICAL RESULTS OF
CONFIRMATION SOIL SAMPLES
AVA PROPERTY
ATLANTA, GEORGIA

Page 4 of 8

SAMPLE ID	S-111908-DJB-077		S-112008-DJB-078		S-112008-DJB-080		S-112008-DJB-082		S-120108-MR-087		S-120508-MR-090		S-121608-MR-091		S-031304-SAG-03		S-031304-SAG-04	
SAMPLE LOCATION	Wall		Bottom		Wall		Bottom		Wall		Bottom		Bottom		B-6		B-6	
SAMPLE DEPTH (FT)	2.5		3		2.5		5		2.5		4.5		2.5		0.5-1.0		5.0-5.5	
SAMPLE DATE	11/19/2008		11/20/2008		11/20/2008		11/20/2008		12/1/2008		12/5/2008		12/16/2008		3/13/2004		3/13/2004	
PESTICIDES	UNITS	TYPE 1 RRS																
4,4' - DDD	µg/kg	660	<3.8	<3.7	230	<3.9	<18	<3.7	<3.7	96	<3.3							
4,4' - DDE	µg/kg	660	<3.8	<3.7	89	<3.9	<18	<3.7	<3.7	89	<3.3							
4,4' - DDT	µg/kg	660	<3.8	<3.7	120	<3.9	<18	<3.7	<3.7	44	<3.3							
Aldrin	µg/kg	670	<1.9	2.6	<2.1	<2.0	<9.1	<1.9	<1.9	<1.7	<1.7							
alpha - BHC	µg/kg	660	<1.9	<1.8	<2.1	<2.0	<9.1	<1.9	<1.9	<1.7	<1.7							
alpha - Chlordane	µg/kg	9,200	<1.9	86	1,900	12	94	40	8.2	1100	<1.7							
beta -BHC	µg/kg	660	<1.9	<1.8	<2.1	<2.0	<9.1	<1.9	<1.9	<1.7	<1.7							
delta-BHC	µg/kg	660	<1.9	<1.8	<2.1	<2.0	<9.1	<1.9	<1.9	<1.7	<1.7							
Dieldrin	µg/kg	660	<3.8	24	570	<3.9	20	8.5	<3.7	95	<3.3							
Endrosulfan I	µg/kg	10,000	<1.9	<1.8	<2.1	<2.0	<9.1	<1.9	<1.9	<1.7	<1.7							
Endrosulfan II	µg/kg	10,000	<3.8	<3.7	<4.1	<3.9	<18	<3.7	<3.7	<3.3	<3.3							
Endrosulfan Sulfate	µg/kg	1,650	<3.8	<3.7	<4.1	<3.9	<18	<3.7	<3.7	<3.3	<3.3							
Endrin	µg/kg	10,000	<3.8	<3.7	<4.1	<3.9	<18	<3.7	<3.7	<3.3	<3.3							
Endrin Aldehyde	µg/kg	10,000	<3.8	<3.7	<4.1	<3.9	<18	<3.7	<3.7	<3.3	<3.3							
Endrin Ketone	µg/kg	10,000	<3.8	<3.7	<4.1	<3.9	<18	<3.7	<3.7	<3.3	<3.3							
gamma - BHC	µg/kg	660	<3.8	<3.7	130	<3.9	<18	<3.7	<3.7	<67	<3.3							
gamma - Chlordane	µg/kg	9,200	<1.9	94	2,400	16	90	42	11	1000	<1.7							
Heptachlor	µg/kg	660	<1.9	<1.8	<2.1	<2.0	<9.1	<1.9	<1.9	6.6	<1.7							
Heptachlor epoxide	µg/kg	1,650	<1.9	19	<2.1	<2.0	<9.1	2	<1.9	94	<1.7							
Methoxychlor	µg/kg	10,000	<1.9	<18	<21	<20	<91	<19	<19	<17	<17							
Toxaphene	µg/kg	10,880	<190	<180	<210	<200	<910	<190	<190	<170	<170							

Notes:

1. "<" Indicates analyte not detected at indicated.
2. Base and Wall on the sample locations show th
3. 0.001U - Parameter not detected at detection li

TABLE 1
2008 ANALYTICAL RESULTS OF
CONFIRMATION SOIL SAMPLES
AVA PROPERTY
ATLANTA, GEORGIA

SAMPLE ID	S-050604-TBM-008 S-050604-TBM-009 S-050604-TBM-013 S-072605-TBM-003 S-072605-TBM-009 S-072605-TBM-010 S-072605-TBM-011 S-072605-TBM-012								
SAMPLE LOCATION	B-16 B-16 B-18 B-24 B-27 B-27 B-28 B-28								
SAMPLE DEPTH (FT)	0.75 - 1.25 1.25-2.5 2.0-2.5 1.0 - 1.5 2.0 - 2.5 4.0 - 4.5 2.5 - 3.0 5.0 - 5.5								
SAMPLE DATE	5/6/2004 5/6/2004 5/6/2004 7/26/2005 7/26/2005 7/26/2005 7/26/2005 7/26/2005								
FESTICIDES	UNITS	TYPE 1 RRS							
4,4' - DDD	µg/kg	660	<3.3	64	58	3.9	20	<3.3	<3.3
4,4' - DDE	µg/kg	660	<3.3	19	10	<3.3	5.5	<3.3	<3.3
4,4' - DDT	µg/kg	660	<3.3	14	8.9	<3.3	<3.3	<3.3	<3.3
Aldrin	µg/kg	670	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
alpha - BHC	µg/kg	660	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
alpha - Chlordane	µg/kg	9,200	29	500	380	47	100	8	<1.7
beta -BHC	µg/kg	660	<1.7	<1.7	<1.7	<1.7	1.9	<1.7	<1.7
delta-BHC	µg/kg	660	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Dieldrin	µg/kg	660	16	97	34	<3.3	2.1	<1.7	<1.7
Endrosulfan I	µg/kg	10,000	<1.7	<1.7	<1.7	<1.7	29	14	<3.3
Endrosulfan II	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<1.7	<1.7	<1.7
Endrosulfan Sulfate	µg/kg	1,650	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Endrin	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Endrin Aldehyde	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Endrin Ketone	µg/kg	10,000	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
gamma - BHC	µg/kg	660	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
gamma - Chlordane	µg/kg	9,200	25	500	340	<3.3	<3.3	<3.3	<3.3
Heptachlor	µg/kg	660	<1.7	2.0	1.7	<1.7	11	<1.7	<1.7
Heptachlor epoxide	µg/kg	1,650	2.3	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Methoxychlor	µg/kg	10,000	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Toxaphene	µg/kg	10,880	<170	<170	<170	<170	<170	<170	<170

Notes:

1. "<" indicates analyte not detected at indicated.
2. Base and Wall on the sample locations show th
3. 0.001U - Parameter not detected at detection li

TABLE 1
2008 ANALYTICAL RESULTS OF
CONFIRMATION SOIL SAMPLES
AVA PROPERTY
ATLANTA, GEORGIA

SAMPLE ID		S-012401-TAL-015	S-012401-TAL-017	S-012401-TAL-018
SAMPLE LOCATION		CRA 9	CRA 10	CRA 10
SAMPLE DEPTH (FT)		2	2	4
SAMPLE DATE		1/24/2001	1/24/2001	1/24/2001
PESTICIDES	UNITS	TYPE 1 RRS		
4,4' - DDD	µg/kg	660	<3.3	3.3 U
4,4' - DDE	µg/kg	660	<3.3	3.3 U
4,4' - DDT	µg/kg	660	6.6	3.3 U
Aldrin	µg/kg	670	<1.7	1.7 U
alpha - BHC	µg/kg	660	<1.7	1.7 U
alpha - Chlordane	µg/kg	9,200	350	1.7 U
beta - BHC	µg/kg	660	<1.7	1.7 U
delta - BHC	µg/kg	660	<1.7	1.7 U
Dieldrin	µg/kg	660	64	3.3 U
Endrosulfan I	µg/kg	10,000	<1.7	1.7 U
Endrosulfan II	µg/kg	10,000	<3.3	3.3 U
Endrosulfan Sulfate	µg/kg	1,650	<3.3	3.3 U
Endrin	µg/kg	10,000	<3.3	3.3 U
Endrin Aldehyde	µg/kg	10,000	<3.3	3.3 U
Endrin Ketone	µg/kg	10,000	<3.3	3.3 U
gamma - BHC	µg/kg	660	<3.3	3.3 U
gamma - Chlordane	µg/kg	9,200	430	1.7 U
Heptachlor	µg/kg	660	<1.7	1.7 U
Heptachlor epoxide	µg/kg	1,650	18	1.7 U
Methoxychlor	µg/kg	10,000	<17	17 U
Toxaphene	µg/kg	10,880	<170	170 U

Notes:

1. "<" Indicates analyte not detected at indicated
2. Base and Wall on the sample locations show th
3. 0.001U - Parameter not detected at detection li