Interim Data Submission Report
for the Former Carter Carburetor Site
Round 1 Field Data
St. Louis, Missouri

Prepared for:
USEPA Region 7

Prepared by:

MACTEC Engineering and Consulting, Inc.
St. Louis, Missouri

November 2006

MACTEC Project No. 3250055164.06

Table of Contents

List of Tables

List of Figures

List of Appendices

List of Abbreviations and Acronyms

ACF	ACF Industries, LLC.
AOC	Administrative Order of Consent
ASA	Administrative Settlement Agreement
AST	aboveground storage tank
bgs	below ground surface
DI	De-ionized
DQOs	data quality objectives
GAL	Gallons
HEPA	High Efficiency Particulate Air filter
IDW	Investigative Derived Waste
MACTEC	MACTEC Engineering and Consulting, Inc.
MCLs	Maximum Contaminant Levels
MDNR	Missouri Department of Natural Resources
No.	Number
PACE	Pace Analytical Services, Inc.
PCBs	polychlorinated biphenyls
PID	photoionization detector
ppm	parts per million
QAPP	Quality Assurance Project Plan
Site	2800-2840 North Spring Street
SOW	Statement of Work
USEPA	United States Environmental Protection Agency
UST	underground storage tank

1.0 Introduction

This Interim Data Submission for the Round 1 Field Sampling event for the Carter Carburetor site located in the 2800-2840 North Spring Street in St. Louis, Missouri (Site) was prepared to fulfill the obligations of the Administrative Settlement Agreement (ASA) and Order on Consent for Removal Action: CERCLA-07-2005-0372 (AOC) between ACF Industries, LLC (ACF) and the United States Environmental Protection Agency (USEPA). The field sampling event objective was to characterize the Site and to evaluate whether removal actions are necessary to protect human health and the environment.

2.0 Site Location

This section of the Interim Data Submission presents background information pertaining to the environmental setting for the Site.

2.1 Site Location

The Carter Carburetor Site is located at 2800-2840 North Spring Street in the north-central portion of the City of St. Louis, in a mixed residential and commercial neighborhood. The surrounding area is composed primarily of medium to low income residential dwellings, with commercial development along arterial roads. The site is located on the west side of Grand Boulevard bounded by St. Louis Avenue to the southwest, Dodier Street to the northeast and Spring Avenue to the northwest. The Herbert Hoover Boys and Girls Club is located to the north across Dodier Street. Two high schools and three elementary schools are located within a half-mile radius of the Site. Residences are located west of Spring Street, and east of Grand Boulevard from the Site. The Site is 80 feet in elevation above the Mississippi River and is not within the river's 100-year floodplain zone.

2.2 Site Operations

The former Carter Carburetor facility manufactured carburetors and other components for gasoline and diesel powered equipment. The Site includes a 4 story manufacturing building (CBI Building), a former automotive garage, a former warehouse, and the former north/south die cast buildings.

Former manufacturing processes within these buildings utilized various hydraulic/lubricating oils, fuels, paints, cleaning solvents, and dielectric fluid as part of their ongoing operations. Underground storage tanks (USTs), aboveground storage tanks (ASTs), and drums were typically used to store chemical products/residues inside and outside of the buildings. Access to the CBI Building on the Site is strictly controlled. The Site is partially surrounded by a chain-link fence.

3.0 Round 1 Field Sampling Summary

Round 1 field sampling, consisting of concrete, wall brick, wipe, soil, and sewer sediment, was conducted between May 24, 2006 and September 12, 2006 in accordance with the *Site Characterization Work Plan for Carter Carburetor* (MACTEC, 2006). A total of 469 samples were submitted for analytical analysis. These consisted of 288 concrete samples (plus 16 duplicate samples), 38 brick samples (plus three duplicate samples), 53 wipe samples (plus three duplicate samples), 86 soil samples (plus six duplicate samples) from 44 soil borings, and four sewer sediment samples (plus one duplicate samples). All samples were collected and shipped under chain-of-custody per the *Quality Assurance Project Plan (QAPP) for Carter Carburetor Site Characterization Work Plan* (MACTEC, 2006) to Pace Analytical Services, Inc. (Pace) in Lenexa, Kansas. Summaries of the type, number, location, and analytical methods for samples collected are presented in Tables 1 and 2.

3.1 ***Sample Labels and Sample Numbering System***

Sample labels were affixed to the sample containers at the time of sampling. The sample labels remained on the containers throughout the time they are retained and contained the following information:

- Sample identification;
- Sample collector(s) initials;
- Date and time of collection;
- Preservatives used, if any (including preservatives added by the laboratory); and
- Analysis to be conducted.

The sample identification was comprised of the following components:

Sample Group:

Sample group, consisting of three digits, identified which floor the sample was collected from and the type of sample collected.

[Floor 0 – Pump Room, 1 – first floor, 2- second floor, 3 - third floor, 4 – fourth floor, or 5 - stairwells] + [SS (subsurface soil) or CR (concrete) or BC (brick chip) or WP (wipe)] +

Sample Quadrant:

Sample quadrant, consisting of four digits, a dash, and four digits, identified the sample location in a specific quadrant/area. Quadrants were designated using the building column identification labels present on each column.

[the quadrant label (the column identification labels that defines a designated sampling area starting with the northwest column followed by the southeast column, separated by a dash)] +

Sample Designator:

Sample designator consisting of two digits representing the sequential sample identification number within the quadrant for individual grab samples.

[01 (sequential sample number in quadrant)] and [sample taken from the sample quadrant was labeled using the designation "01" (sequential sample number in the quadrant)] +

Sample Depth:

Sample depth listing the interval for concrete samples or the midpoint depth (in feet bgs) for a subsurface soil samples. Concrete samples were collected from the designated intervals:

- 1/2 = surface to ½ -inch depth;
- 01 = surface to 1-inch depth; and
- 02 = between 1 and 2-inch depth.

[depth (indicating the depth interval from which the sample was collected)]

Following are examples of how soil and concrete samples were labeled.

First subsurface soil sample collected from quadrant A1-AA2 on the first floor at a depth of 5 feet

i.e. 1SS-A1-AA2-01-05

Second concrete core sample collected from quadrant AA9-DD10 from the second floor at a depth between the surface to 1 inch

i.e. 1CR-AA9-DD10-02-01

Duplicate samples collected for QA/QC purposes were indicated by adding the letters "Dup" to the end of the sample identification.

4.0 Round 1 Field Data Summary

Results of analytical analysis are summarized by floor or location in Tables 3 through 23 and on Figures 1 through 20. Copies of the Analytical Laboratory Reports and Chain-of-Custody Forms in an electronic Adobe Acrobat format are included in Appendix A. Copies of the soil boring logs are included as Appendix B. A Data Validation Report is presented in Appendix C.

The procedure for collecting samples was as follows:

1) Prepare surface - Surface preparation of the concrete consisted of scraping away residue using a stiff 3-inch putty knife and then wiping the area to be sampled with a de-ionized (DI) water wetted paper towel.
2) After the surface was cleaned, an inverted cone (larger end of 10-inch diameter, small end of 4-inch diameter) was placed over the sample location to minimize dust entrainment into the air.
3) A Bosch rotary hammer, model 11263EVS, fitted with a 1 ½-inch x 18-inch bit was then used to pulverize the concrete to the appropriate depth. The rotary hammer was fitted with a custom made depth gauge with the drilling depth verified before each sample location. The initial round of sampling was conducted to a depth of 1-inch below the floor surface.
4) Upon reaching the required depth, the inverted cone was set aside, and a stainless steel scoopula was utilized to collect the accumulated dust, which was placed into a laboratory supplied container (sealable plastic bag), labeled, and placed into an ice-filled cooler. If a duplicate sample was collected from the sample location, a second hole was drilled adjacent to the first hole, the accumulated dust from both holes was placed into a single sample container, agitated, and then divided into approximately equal alliquots, appropriately labeled, and placed into the sample cooler.
5) Upon completion of the sample collection, the sample location was cleaned of excess dust using a wet/dry shop vacuum outfitted with a HEPA filter and a masonry/drywall bag. When full, the masonry/drywall bag was removed from the vacuum and placed into a 55-gal. drum

for disposal with other investigation derived wastes. The concrete dust was not co-mingled with the other IDW.

6) After reviewing the analytical results for the initial sampling event, MACTEC selected approximately 20% of the locations which showed initial PCB concentrations between 10 ppm and 100 ppm for vertical characterization. The vertical characterization consisted of collecting a sample from 0 - ½-inch in depth adjacent to the original location, and the collection of a sample from 1-inch - 2 .5-inch in the original boring. The collection of the 0 - ½-inch sample utilized the same procedure as the collection of the initial samples. The collection of the 1-inch - 2.5-inch sample was collected from the original hole, after cleaning the hole of any accumulated debris with the shop vacuum and then wiping the interior of the hole with a DI wetted towel. In order to prevent the collection of any material from the top inch of the hole, a smaller bit (1" diameter) was utilized for the deeper sample.
7) Between each sample location, the dust suppression cones, the stainless steel scoopulas, and the drill bits were decontaminated using a liquinox/water wash, a tap water rinse, and a final DI water triple rinse. The cones, scoopulas, and bits were then dried with paper towels and set aside to air dry. In order to ensure that no concrete dust remained adhered to the tip of the drill bit, a steel brush was used in combination with a traditional hand brush.

Some locations within the building were covered by one or more layers of suspect asbestos containing floor tiles. In those instances where the concrete core sample location was covered by floor tile, each layer of floor tile was removed prior to collection of a concrete core sample.

4.1 Asbestos and Lead Based Paint

The asbestos and lead based paint survey was completed by Crystal Environmental Group, Inc. at the request of MACTEC. The results of the survey can be found in Appendix D, which is a stand alone binder.

5.0 Certification

Under penalty of law, I certify that to the best of my knowledge, after appropriate inquires of all relevant persons involved in the preparation of this report, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Richard A. Hyink
Director of Safety and Environment
ACF Industries, LLC

TABLES

Table 1 - Number and Location of Soil Borings and Samples Collected for Laboratory Analysis, Carter Carburetor, St. Louis, Missouri

Sample Type	Numbers								Total Number	Total Number Duplicates
	PCB		VOCs		SVOCs		Metals			
	Samples	Dups	Samples	Dups	Samples	Dups	Samples	Dups		
Soil - Inside Building										
Soil Borings - First Floor									31	
Soil Samples First Floor	32	2	31	3	31	3	31	3	63	5
Soil Borings - Pump Room									7	
Soil Samples Pump Room	11	0	12	0	11	0	11	0	17	0
Soil - Outside Building										
Sample Type	**Numbers**								**Total Number**	**Total Number Duplicates**
	PCB		**VOCs**		**SVOCs**		**Metals**			
	Samples	**Dups**	**Samples**	**Dups**	**Samples**	**Dups**	**Samples**	**Dups**		
Soil Borings									6	
Soil Samples	-	-	6	1	-	-	-	-	6	1
Soil Boring Totals									**44**	
Soil Sample Totals	43	2	49	4	42	3	42	3	**86**	6

Notes:

PCB - Polychlorinated biphenyls

VOCs - Volatile Organic Compounds

SVOCs - Semi-Volatile Organic Compounds

Metals - Total Resource Conservation andRecovery Act (RCRA) Metals

Dups - Duplicates

Table 2 - Number and Location of Concrete Cores and Samples Collected for Laboratory Analysis, Carter Carburetor, St. Louis, Missouri

Sample Type	Number of Samples									
	1st Floor		2nd Floor		3rd Floor		4th Floor		Pump Room	
	Samples	Dups	Samples	Dups	Samples	Dups	Samples	Dups	Samples	Dups
Concrete (0-1 inch)	143	7	32	1	43	2	16	2	10	1
Concrete (0-1/2 inch)	15	1	0	0	6	1	0	0	1	0
Concrete (1-2 inch)	15	0	0	0	6	1	0	0	1	0
Concrete sample totals	173	8	32	1	55	4	16	2	12	1
Brick/Block Chips	24	2	5	0	9	1	0	0	0	0
Wipes	21	1	10	1	15	1	4	0	3	0
Sewer	4	1	--	--	--	--	--	--	--	--

Notes:

PCB - Polychlorinated biphenyls

Dups - Duplicates

Table 3 Results of Soil Samples for Polychlorinated Biphenyl Analysis, First Floor, Carter Carburetor, St. Louis, Missouri

Polychlorinated Biphenyl (PCB) Aroclors			Parameter							
Sample ID	Depth (feet)	Units	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
1SS-A10-AA11-01-01	1	ug/kg	< 39.7	< 39.7	< 39.7	< 39.7	< 39.7	< 39.7	< 39.7	--
1SS-A1-AA2-01-01	1	ug/kg	< 35.6	< 35.6	< 35.6	< 35.6	< 35.6	< 35.6	< 35.6	--
1SS-A7-AA8-01-01	1	ug/kg	< 38.3	< 38.3	< 38.3	< 38.3	< 38.3	< 38.3	< 38.3	--
1SS-C12-B13-01-01	1	ug/kg	< 41.1	< 41.1	< 41.1	< 41.1	**72.6**	< 41.1	< 41.1	**72.6**
1SS-C9-B10-01-01	1	ug/kg	< 770	< 770	< 770	< 770	**3,740**	< 770	< 770	**3,740**
1SS-CC12-DD13-01-01	1	ug/kg	< 40.6	< 40.6	< 40.6	< 40.6	**300**	< 40.6	< 40.6	**300**
1SS-D6-C7-01-01	1	ug/kg	< 39.9	< 39.9	< 39.9	< 39.9	< 39.9	< 39.9	< 39.9	--
1SS-DD8-EE9-01-01	1	ug/kg	< 33	< 33	< 33	< 33	< 33	< 33	< 33	--
1SS-E11-D12-01-01	1	ug/kg	< 40.1	< 40.1	< 40.1	< 40.1	**103**	< 40.1	< 40.1	**103**
1SS-E5-D6-01-01	1	ug/kg	< 38.5	< 38.5	< 38.5	< 38.5	< 38.5	< 38.5	< 38.5	--
1SS-E8-D9-01-01	1	ug/kg	< 42.8	< 42.8	< 42.8	< 42.8	< 42.8	< 42.8	< 42.8	--
1SS-E8-D9-01-01-Dup	1	ug/kg	< 42.4	< 42.4	< 42.4	< 42.4	< 42.4	< 42.4	< 42.4	--
1SS-E8-D9-01-05	5	ug/kg	< 41.7	< 41.7	< 41.7	< 41.7	**163**	< 41.7	< 41.7	**163**
1SS-F12-E13-01-01	1	ug/kg	< 39.2	< 39.2	< 39.2	< 39.2	**63.8**	< 39.2	< 39.2	**63.8**
1SS-FF5-GG6-01-01	1	ug/kg	< 39.6	< 39.6	< 39.6	< 39.6	< 39.6	< 39.6	< 39.6	--
1SS-G10-F11-01-01	1	ug/kg	< 41	< 41	< 41	< 41	**132**	< 41	< 41	**132**
1SS-H12-G13-01-01	1	ug/kg	< 33	< 33	< 33	< 33	**193**	< 33	< 33	**193**
1SS-HH5-KK6-01-01	1	ug/kg	< 39.5	< 39.5	< 39.5	< 39.5	< 39.5	< 39.5	< 39.5	--
1SS-J11-H12-01-01	1	ug/kg	< 39.7	< 39.7	< 39.7	< 39.7	**237**	< 39.7	< 39.7	**237**
1SS-JJ11-KK12-01-01	1	ug/kg	< 41.6	< 41.6	< 41.6	< 41.6	< 41.6	< 41.6	< 41.6	--
1SS-JJ8-KK9-01-01	1	ug/kg	< 38.7	< 38.7	< 38.7	< 38.7	**132**	< 38.7	< 38.7	**132**
1SS-JJ8-KK9-01-01 Dup	1	ug/kg	< 46.5	< 46.5	< 46.5	< 46.5	**58.6**	< 46.5	< 46.5	**58.6**
1SS-K3-J4-01-01	1	ug/kg	< 41.8	< 41.8	< 41.8	< 41.8	< 41.8	< 41.8	< 41.8	--
1SS-K6-J7-01-01	1	ug/kg	< 39.9	< 39.9	< 39.9	< 39.9	< 39.9	< 39.9	< 39.9	--
1SS-K9-J10-01-01	1	ug/kg	< 38.7	< 38.7	< 38.7	< 38.7	< 38.7	< 38.7	< 38.7	--
1SS-KK7-LL8-01-01	1	ug/kg	< 37.5	< 37.5	< 37.5	< 37.5	< 37.5	< 37.5	< 37.5	--
1SS-L12-J13-01-01	1	ug/kg	< 40.6	< 40.6	< 40.6	< 40.6	**43**	< 40.6	< 40.6	**43**
1SS-L5-K6-01-01	1	ug/kg	< 40	< 40	< 40	< 40	< 40	< 40	< 40	--
1SS-LL10-MM11-01-01	1	ug/kg	< 40.9	< 40.9	< 40.9	< 40.9	< 40.9	< 40.9	< 40.9	--
1SS-M11-L12-01-01	1	ug/kg	< 40.5	< 40.5	< 40.5	< 40.5	**46.3**	< 40.5	< 40.5	**46.3**
1SS-MM6-NN7-01-01	1	ug/kg	< 38.4	< 38.4	< 38.4	< 38.4	< 38.4	< 38.4	< 38.4	--
1SS-O12-N13-01-01	1	ug/kg	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	--
1SS-O9-N10-01-01	1	ug/kg	< 40.9	< 40.9	< 40.9	< 40.9	**648**	< 40.9	< 40.9	**648**
1SS-OO10-PP11-01-01	1	ug/kg	< 40.8	< 40.8	< 40.8	< 40.8	**71.2**	< 40.8	< 40.8	**71.2**

Notes:

PCB - Polychlorinated biphenyls

ug/kg - microgram per kilogram

< - constituent not detected above the indicated value

Bold - indicates a detection

Dup - Duplicate

Analysis by EPA Method 8082

Created by: LMS Approved by: ___
Date: 11/9/2006

Table 4 Results of Soil Samples for Volatile Organic Compound Analysis, First Floor, Carter Carburetor, St. Louis, Missouri

Volatile Organic Compounds (VOCs)			Parameter																	
Sample ID	Depth (feet)	Units	1,2,4-Trimethylbenzene	1,2-Dichloroethene (Total)	1,3,5-Trimethylbenzene	Acetone	Carbon Disulfide	Cis-1,2-Dichloroethene	Ethylbenzene	Isopropyl Benzene	Methylene Chloride	Naphthalene	N-Butylbenzene	N-Propylbenzene	P-Isopropyltoluene	Sec-Butylbenzene	Tert-Butylbenzene	Trichloroethene	Trichlorofluoromethane	Xylenes, Total
1SS-A10-AA11-01-13	13	ug/kg	< 6.2	< 6.2	< 6.2	< 24.9	< 6.2	< 6.2	< 6.2	**71.9**	**8.3**	< 4.1	< 6.2	< 6.2	< 6.2	**189**	**45.6**	**60.7**	< 6.2	< 6.2
1SS-A1-AA2-01-05	5	ug/kg	< 5.5	**5.7**	< 5.5	< 21.9	< 5.5	**5.7**	< 5.5	< 5.5	**12.6**	< 3.6	< 5.5	< 5.5	< 5.5	< 5.5	< 5.5	**116**	< 5.5	< 5.5
1SS-A7-AA8-01-14	14	ug/kg	< 6.2	**36.3**	< 6.2	< 24.8	< 6.2	**36.3**	< 6.2	< 6.2	**7.8**	< 4.1	< 6.2	< 6.2	< 6.2	< 6.2	< 6.2	**107**	< 6.2	< 6.2
1SS-C12-B13-01-14	14	ug/kg	< 6	**13.8**	< 6	< 24.1	< 6	**13.8**	< 6	20.1	< 6	< 12	**22**	**15.6**	< 6	**51.4**	< 6	**266**	< 6	< 6
1SS-C9-B10-01-14	14	ug/kg	< 314	< 314	< 314	< 1,260	< 314	< 314	< 314	< 314	< 314	< 628	**463**	< 314	< 314	**381**	< 314	**315**	< 314	< 314
1SS-CC12-DD13-01-12	1	ug/kg	< 6.4	**171**	< 6.4	< 25.4	< 6.4	**171**	< 6.4	< 6.4	< 6.4	< 4.1	< 6.4	< 6.4	< 6.4	< 6.4	< 6.4	< 6.4	< 6.4	< 6.4
1SS-D6-C7-01-14.5	14.5	ug/kg	< 1,250	< 1,250	< 1,250	< 5,010	< 1250	< 1,250	< 1,250	**8,080**	< 1,250	< 2,510	**25,800**	**24,500**	**2,830**	**17,600**	**1,330**	< 1,250	< 1,250	< 1,250
1SS-DD8-EE9-01-14	14	ug/kg	**8**	< 6.2	< 6.2	**65.1**	< 6.2	< 6.2	< 6.2	< 6.2	**6.5**	< 12.4	< 6.2	< 6.2	< 6.2	< 6.2	< 6.2	**49.5**	< 6.2	< 6.2
1SS-E11-D12-01-14	14	ug/kg	< 6.1	< 6.1	< 6.1	< 24.6	< 6.1	< 6.1	< 6.1	< 6.1	**9.5**	< 4.1	< 6.1	< 6.1	< 6.1	< 6.1	< 6.1	< 6.1	< 6.1	< 6.1
1SS-E5-D6-01-13	13	ug/kg	< 303	< 303	< 303	< 1,210	< 303	< 303	< 303	**1,670**	< 303	< 606	**2,730**	**2,770**	< 303	**5,940**	**350**	**310**	< 303	< 303
1SS-E8-D9-01-13	13	ug/kg	**3,760**	< 622	**11,800**	< 2,490	< 622	< 622	< 622	**5,110**	< 622	**5,070**	**10,600**	**11,500**	**6,720**	**6,970**	< 622	< 622	< 622	**669**
1SS-E8-D9-01-13 Dup	13	ug/kg	< 310	< 310	**498**	< 1240	< 310	< 310	< 310	**1,230**	< 310	**972**	**2,730**	**2,810**	**891**	**1,950**	< 310	< 310	< 310	< 310
1SS-F12-E13-01-14	14	ug/kg	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 4.1	< 5	< 5	< 5	< 5	< 5	**12.9**	< 5	< 5
1SS-FF5-GG6-01-12	12	ug/kg	< 6.3	< 6.3	< 6.3	**41.3**	< 6.3	< 6.3	< 6.3	< 6.3	**6.7**	< 4.2	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	**10.7**	< 6.3	< 6.3
1SS-G10-F11-01-10	10	ug/kg	< 313	< 313	< 313	< 1,250	< 313	< 313	< 313	**1,590**	< 313	< 627	**2,750**	**2,870**	**540**	**2,000**	< 313	< 313	< 313	< 313
1SS-H12-G13-01-14	14	ug/kg	< 5	< 5	< 5	< 20.1	< 5	< 5	< 5	< 5	< 5	< 4.2	< 5	< 5	< 5	< 5	< 5	**7.5**	< 5	< 5
1SS-HH5-KK6-01-12	12	ug/kg	< 7.6	**17.1**	< 7.6	**119**	< 7.6	**17.1**	< 7.6	< 7.6	< 7.6	< 5	< 7.6	< 7.6	< 7.6	< 7.6	< 7.6	**286**	< 7.6	< 7.6
1SS-J11-H12-01-13	13	ug/kg	< 5.1	< 5.1	< 5.1	< 20.2	< 5.1	< 5.1	< 5.1	< 5.1	< 5.1	< 4.1	< 5.1	< 5.1	< 5.1	< 5.1	< 5.1	**8.1**	< 5.1	< 5.1
1SS-JJ11-KK12-01-13	13	ug/kg	< 6.2	**26**	< 6.2	< 25	< 6.2	**26**	< 6.2	< 6.2	< 6.2	< 4.1	< 6.2	< 6.2	< 6.2	< 6.2	< 6.2	**54.6**	< 6.2	< 6.2
1SS-JJ11-KK12-01-13 Dup	13	ug/kg	< 6.3	**51.1**	< 6.3	< 25.1	< 6.3	**51.1**	< 6.3	< 6.3	< 6.3	< 4.1	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	**142**	< 6.3	< 6.3
1SS-JJ8-KK9-01-14	14	ug/kg	**49.7**	**38.4**	< 29.7	< 119	< 29.7	**38.4**	< 29.7	**42.4**	< 29.7	**71**	**160**	**76**	**48.5**	**93.9**	< 29.7	**700**	< 29.7	**92.8**
1SS-JJ8-KK9-01-14 Dup	14	ug/kg	**15.4**	< 6.4	< 6.4	**70.9**	< 6.4	< 6.4	**19.9**	**19.3**	< 6.4	< 12.8	**42.8**	**29.8**	**13.3**	**34**	< 6.4	**70.6**	**10.4**	**63.1**
1SS-K3-J4-01-12	12	ug/kg	< 634	< 634	**1,440**	< 2,530	< 634	< 634	< 634	**5710**	< 634	**8,990**	**6,120**	**9,280**	**4,160**	**3,060**	< 634	**1,300**	< 634	< 634
1SS-K6-J7-01-14.5	14.5	ug/kg	< 311	< 311	**689**	< 1,240	< 311	< 311	< 311	**1,360**	< 311	**3,210**	**2,280**	**2,400**	**1,090**	**994**	< 311	**553**	< 311	< 311
1SS-K9-J10-01-13	13	ug/kg	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5	< 5	**15**	< 5	< 5
1SS-KK7-LL8-01-14	14	ug/kg	< 6.3	**18.9**	< 6.3	< 25.2	< 6.3	**18.9**	< 6.3	< 6.3	< 6.3	< 4.2	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	**50.2**	< 6.3	< 6.3
1SS-L12-J13-01-13	13	ug/kg	< 5.1	< 5.1	< 5.1	< 20.4	< 5.1	< 5.1	< 5.1	< 5.1	< 5.1	< 4.1	< 5.1	< 5.1	< 5.1	< 5.1	< 5.1	**6.7**	< 5.1	< 5.1
1SS-L5-K6-01-13	13	ug/kg	< 314	< 314	< 314	< 1,260	< 314	< 314	< 314	**577**	< 314	**859**	**976**	**933**	**378**	**625**	< 314	< 314	< 314	< 314
1SS-LL10-MM11-01-12	12	ug/kg	< 6.1	**105**	< 6.1	< 24.5	< 6.1	**105**	< 6.1	< 6.1	< 6.1	< 4.1	< 6.1	< 6.1	< 6.1	< 6.1	< 6.1	**167**	< 6.1	< 6.1
1SS-M11-L12-01-13	13	ug/kg	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 4.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1SS-MM6-NN7-01-12	12	ug/kg	< 6.2	< 6.2	< 6.2	< 24.9	< 6.2	< 6.2	< 6.2	< 6.2	< 6.2	< 4.1	< 6.2	< 6.2	< 6.2	< 6.2	< 6.2	**43.9**	< 6.2	< 6.2
1SS-O12-N13-01-12	12	ug/kg	< 5.1	**10.5**	< 5.1	< 20.3	< 5.1	**10.5**	< 5.1	< 5.1	< 5.1	< 4.2	< 5.1	< 5.1	< 5.1	< 5.1	< 5.1	**11.9**	< 5.1	< 5.1
1SS-O9-N10-01-13	13	ug/kg	< 4.9	**129**	< 4.9	< 19.6	< 4.9	**129**	< 4.9	< 4.9	< 4.9	< 9.8	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9	**148**	**13.7**	< 4.9
1SS-OO10-PP11-01-12	12	ug/kg	< 6.1	**58.6**	< 6.1	< 24.2	< 6.1	**58.6**	< 6.1	< 6.1	< 6.1	< 4.1	< 6.1	< 6.1	< 6.1	< 6.1	< 6.1	**90.4**	< 6.1	< 6.1

Notes:

ug/kg - microgram per kilogram

< - constituent not detected above the indicated value

Analysis by EPA Method 8260

Bold - indicates a detection

Dup - Duplicate

Sample ID - last two digits reference depth of sample in feet

Table 5 Results of Soil Samples for Semi-Volatile Organic Compound Analysis, First Floor, Carter Carburetor, St. Louis, Missouri

Semi-Volatile Organic Compounds (SVOCs)			Parameter														
Sample ID	Depth (feet)	Units	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Phenanthrene	Pyrene
1SS-A10-AA11-01-13	13	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1
1SS-A1-AA2-01-05	5	ug/kg	< 3.6	< 3.6	< 3.6	**5.1**	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6
1SS-A7-AA8-01-14	14	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1
1SS-C12-B13-01-14	14	ug/kg	**21.9**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**4.7**	< 4	< 4	**13.6**	< 4
1SS-C9-B10-01-14	14	ug/kg	< 4.1	< 4.1	< 4.1	**9.1**	< 4.1	< 4.1	< 4.1	< 4.1	**8.1**	< 4.1	< 4.1	< 4.1	< 4.1	**139**	**17.5**
1SS-CC12-DD13-01-12	12	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1
1SS-D6-C7-01-14.5	14.5	ug/kg	**27.9**	< 4.1	**8.4**	**12.5**	< 4.1	**14.7**	< 4.1	< 4.1	**10.1**	< 4.1	**24.3**	**21.7**	< 4.1	**60.9**	**23.3**
1SS-DD8-EE9-01-14	14	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	**17.2**	< 4.1	**94.7**	< 4.1
1SS-E11-D12-01-14	14	ug/kg	< 4.1	< 4.1	< 4.1	**5.5**	< 4.1	**5.8**	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	**6.7**	< 4.1
1SS-E5-D6-01-13	13	ug/kg	< 4	< 4	< 4	**7.7**	< 4	**9.6**	< 4	< 4	**4.1**	< 4	**8.9**	< 4	< 4	**9.5**	**8.2**
1SS-E8-D9-01-13	13	ug/kg	< 4.1	< 4.1	**4.4**	**7.2**	< 4.1	< 4.1	< 4.1	< 4.1	**5.8**	< 4.1	**7.8**	< 4.1	< 4.1	**30.5**	**10.1**
1SS-E8-D9-01-13 Dup	13	ug/kg	< 4.1	< 4.1	**6.4**	**11**	< 4.1	< 4.1	< 4.1	< 4.1	**12.4**	< 4.1	**21.4**	< 4.1	< 4.1	**72.6**	**26.4**
1SS-F12-E13-01-14	14	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	**4.6**	< 4.1
1SS-FF5-GG6-01-12	12	ug/kg	**6.4**	< 4.2	**7**	**17.5**	**11.6**	**23.2**	**7.1**	< 4.2	**16.9**	**10.2**	**25.8**	**12.6**	**6.8**	**29.9**	**25.9**
1SS-G10-F11-01-10	10	ug/kg	**35.3**	< 4.2	**48**	**45.2**	< 4.2	< 4.2	< 4.2	**23.6**	**59.2**	< 4.2	**108**	**29.1**	< 4.2	**170**	**112**
1SS-H12-G13-01-14	14	ug/kg	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	**4.4**	< 4.2
1SS-HH5-KK6-01-12	12	ug/kg	< 5	< 5	**16.7**	**39.9**	**24.1**	**49.8**	**12.8**	< 5	**33.5**	**13.3**	**58.7**	< 5	**13.9**	**57**	**61.7**
1SS-J11-H12-01-13	13	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1
1SS-JJ11-KK12-01-13	13	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1
1SS-JJ11-KK12-01-13 Dup	13	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	**4.9**	< 4.1
1SS-JJ8-KK9-01-14	14	ug/kg	< 4.2	< 4.2	< 4.2	**276**	**226**	< 4.2	**55.9**	**58.1**	**324**	**20.6**	< 4.2	< 4.2	< 4.2	< 4.2	**642**
1SS-JJ8-KK9-01-14 Dup	14	ug/kg	< 41.4	< 41.4	**830**	**867**	**591**	< 41.4	**210**	< 41.4	**1010**	**143**	< 41.4	< 41.4	**58.3**	**3080**	**2510**
1SS-K3-J4-01-12	12	ug/kg	< 4.2	< 4.2	**539**	< 4.2	**1110**	< 4.2	**191**	< 4.2	< 4.2	< 4.2	< 4.2	**327**	**39.9**	**6920**	**5230**
1SS-K6-J7-01-14.5	14.5	ug/kg	< 41.1	< 41.1	**2030**	**1760**	**2080**	< 41.1	**343**	< 41.1	**2410**	< 41.1	< 41.1	**1270**	**83.3**	**7690**	**6250**
1SS-K9-J10-01-13	13	ug/kg	< 4.1	< 4.1	< 4.1	**6.6**	**13**	**8.1**	< 4.1	< 4.1	< 4.1	< 4.1	4.4	< 4.1	< 4.1	**8.7**	**6.6**
1SS-KK7-LL8-01-14	14	ug/kg	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	**4.5**	< 4.2
1SS-L12-J13-01-13	13	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1
1SS-L5-K6-01-13	13	ug/kg	< 4.2	< 4.2	**165**	< 4.2	**200**	< 4.2	**38**	**62.6**	< 4.2	< 4.2	< 4.2	**81**	**9.2**	**717**	**1370**
1SS-LL10-MM11-01-12	12	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1
1SS-M11-L12-01-13	13	ug/kg	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	**6.7**	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	**5.2**	< 4.2
1SS-MM6-NN7-01-12	12	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	**7.2**	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	**5.4**
1SS-O12-N13-01-12	12	ug/kg	< 4.2	< 4.2	< 4.2	**5.7**	< 4.2	**5.9**	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2
1SS-O9-N10-01-13	13	ug/kg	< 4.2	< 4.2	< 4.2	**5.9**	< 4.2	**6.7**	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	**5.3**	< 4.2
1SS-OO10-PP11-01-12	12	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	**4.2**	< 4.1

Notes:

ug/kg - microgram per kilogram

< - constituent not detected above the indicated value

Bold - indicates a detection

Analysis by EPA Method 8270 by SIM

Table 6 Results of Soil Samples for Total RCRA Metal Analysis, First Floor, Carter Carburetor, St. Louis, Missouri

		Metals	Parameters							
Sample ID	Depth (feet)	Units	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
1SS-A1-AA2-01-05	5	mg/kg	**2.5**	**14.7**	< 0.49	**6.6**	**2.3**	< 0.051	< 1.5	< 0.69
1SS-A7-AA8-01-14	14	mg/kg	**4.5**	**95**	< 0.51	**16.8**	**7.2**	< 0.06	< 1.5	< 0.71
1SS-C12-B13-01-14	14	mg/kg	**4.7**	**101**	< 0.51	**21**	**10**	< 0.059	< 1.5	< 0.72
1SS-C9-B10-01-14	14	mg/kg	**4.9**	**110**	< 0.58	**16.5**	**7.4**	< 0.062	< 1.7	< 0.81
1SS-CC12-DD13-01-12	12	mg/kg	**4.4**	**89.7**	< 0.46	**16.1**	**7**	< 0.063	< 1.4	< 0.64
1SS-D6-C7-01-14.5	14.5	mg/kg	**6.6**	**91.6**	< 0.59	**16.7**	**8**	< 0.059	< 1.8	< 0.83
1SS-DD8-EE9-01-14	14	mg/kg	**5**	**113**	< 0.51	**17.9**	**7.9**	< 0.062	< 1.5	< 0.71
1SS-E11-D12-01-14	14	mg/kg	**4**	**83.7**	< 0.52	**20**	**8.8**	< 0.057	< 1.6	< 0.73
1SS-E5-D6-01-13	13	mg/kg	**4.1**	**98.7**	< 0.51	**18.4**	**7.5**	< 0.054	< 1.5	< 0.71
1SS-E8-D9-01-13	13	mg/kg	**4.3**	**92.9**	< 0.51	**19.2**	**8.4**	< 0.057	< 1.5	< 0.71
1SS-E8-D9-01-13 Dup	13	mg/kg	**3.6**	**84.6**	< 0.46	**15.7**	**8.4**	< 0.06	< 1.4	< 0.65
1SS-F12-E13-01-14	14	mg/kg	**2.9**	**78.8**	< 0.42	**15.2**	**7.2**	< 0.047	< 1.3	< 0.59
1SS-FF5-GG6-01-12	12	mg/kg	**7.8**	**187**	< 0.58	**19**	**15.8**	< 0.06	< 1.8	< 0.82
1SS-G10-F11-01-10	10	mg/kg	**3.6**	**105**	< 0.4	**15.5**	**8**	**0.058**	< 1.2	< 0.56
1SS-H12-G13-01-14	14	mg/kg	**2.9**	**87.2**	< 0.41	**14.4**	**6.5**	< 0.045	< 1.2	< 0.57
1SS-HH5-KK6-01-12	12	mg/kg	**9.3**	**134**	< 0.66	**15.7**	**41.3**	**0.36**	< 2	< 0.92
1SS-J11-H12-01-13	13	mg/kg	**3.1**	**67.8**	< 0.49	**15.6**	**6.4**	< 0.048	< 1.5	< 0.69
1SS-JJ11-KK12-01-13	13	mg/kg	**4.5**	**94.8**	< 0.61	**16.8**	**7.1**	< 0.056	< 1.8	< 0.86
1SS-JJ11-KK12-01-13 Dup	13	mg/kg	**4.2**	**90.3**	< 0.55	**15.9**	**6.6**	< 0.056	< 1.6	< 0.77
1SS-JJ8-KK9-01-14	14	mg/kg	**2.9**	**79.8**	< 0.51	**14.4**	**6.3**	< 0.054	< 1.5	< 0.72
1SS-JJ8-KK9-01-14 Dup	14	mg/kg	**4.1**	**83.1**	< 0.48	**15.6**	**6.5**	< 0.057	< 1.4	< 0.67
1SS-K3-J4-01-12	12	mg/kg	**2.8**	**77.6**	< 0.37	**15**	**10**	< 0.044	< 1.1	< 0.52
1SS-K6-J7-01-14.5	14.5	mg/kg	**3.4**	**86.3**	< 0.41	**15.7**	**8.2**	< 0.044	< 1.2	< 0.58
1SS-K9-J10-01-13	13	mg/kg	**4.6**	**103**	< 0.36	**16.3**	**10.2**	**0.13**	< 1.1	< 0.5
1SS-KK7-LL8-01-14	14	mg/kg	**4.8**	**70.1**	< 0.52	**16.2**	**7.3**	< 0.056	< 1.6	< 0.72
1SS-L12-J13-01-13	13	mg/kg	**4.5**	**109**	< 0.5	**17.2**	**7.1**	< 0.045	< 1.5	< 0.7
1SS-L5-K6-01-13	13	mg/kg	**5.2**	**124**	< 0.42	**16.3**	**9.3**	< 0.044	< 1.2	< 0.58
1SS-LL10-MM11-01-12	12	mg/kg	**4.5**	**97.5**	< 0.56	**19.4**	**7.3**	< 0.056	< 1.7	< 0.79
1SS-M11-L12-01-13	13	mg/kg	**2.9**	**65.4**	< 0.45	**15.3**	**7.2**	< 0.047	< 1.4	< 0.63
1SS-MM6-NN7-01-12	12	mg/kg	**4.7**	**93.1**	< 0.57	**17**	**7.5**	< 0.054	< 1.7	< 0.8
1SS-O12-N13-01-12	12	mg/kg	**4.4**	**103**	< 0.44	**15.6**	**7**	< 0.044	< 1.3	< 0.62
1SS-O9-N10-01-13	13	mg/kg	**3.6**	**46.2**	< 0.44	**15.5**	**5.8**	< 0.044	< 1.3	< 0.61
1SS-OO10-PP11-01-12	12	mg/kg	**5**	**101**	< 0.55	**17.9**	**7.5**	< 0.054	< 1.7	< 0.77

Notes:

mg/kg - milligram per kilogram

< - constituent not detected above the indicated value

RCRA - Resource Conservation and Recovery Act

Bold - indicates a detection

Analysis by EPA Method 6010

Table 7 Results of Soil Samples for Volatile Organic Compound Analysis, Pump Room, Carter Carburetor, St. Louis, Missouri

Volatile Organic Compounds (VOCs)			Parameter											
Sample ID	Depth (feet)	Units	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	Carbon Disulfide	Isopropyl Benzene	Naphthalene	N-Butylbenzene	N-Propylbenzene	P-Isopropyltoluene	Sec-Butylbenzene	Trichloroethene	Xylenes, Total
0SS-F4-E5-01-01	1	ug/kg	< 5.1	< 5.1	< 20.3	< 5.1	< 5.1	< 3.3	< 5.1	< 5.1	< 5.1	< 5.1	**9.2**	< 5.1
0SS-F4-E5-01-05	5	ug/kg	< 5.1	< 5.1	**35.7**	< 5.1	< 5.1	< 3.3	< 5.1	< 5.1	< 5.1	**24**	< 5.1	< 5.1
0SS-F4-E5-01-09	9	ug/kg	**99,100**	**32,700**	< 10,000	< 2,510	**5,840**	**8,600**	**29,700**	**20,600**	**12,300**	**17,400**	< 2,510	**2,610**
0SS-F4-E5-01-6.5	6.5	ug/kg	**18,400**	**5,810**	< 2,000	< 500	**1,290**	**2,270**	**7,400**	**4,050**	**2,010**	**4,360**	< 500	**586**
0SS-F7-E8-01-3.5	3.5	ug/kg	< 6.3	< 6.3	< 25.1	**9.4**	< 6.3	< 4.2	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
0SS-F9-E10-01-09	9	ug/kg	**2,260**	**687**	< 1,240	< 309	< 309	**682**	**487**	< 309	< 309	< 309	< 309	**1,310**
0SS-G4-F5-01-8.5	8.5	ug/kg	**24,400**	**7,560**	< 12,800	< 3,200	< 3,200	< 6,410	**8,790**	**5,470**	**3,740**	**4,670**	< 3,200	< 3,200
0SS-H4-G5-01-8.5	8.5	ug/kg	< 6.4	< 6.4	< 25.7	< 6.4	< 6.4	< 12.8	< 6.4	< 6.4	< 6.4	< 6.4	< 6.4	< 6.4
0SS-H6-G7-01-01	1	ug/kg	< 5.1	< 5.1	< 20.4	< 5.1	< 5.1	< 3.3	< 5.1	< 5.1	< 5.1	< 5.1	< 5.1	< 5.1
0SS-H6-G7-01-05	5	ug/kg	< 4.9	< 4.9	< 19.7	< 4.9	< 4.9	< 9.8	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9
0SS-H6-G7-01-09	9	ug/kg	< 4.9	< 4.9	< 19.7	< 4.9	< 4.9	< 9.8	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9
0SS-H9-G10-01-3.5	3.5	ug/kg	< 7.1	< 7.1	< 28.5	< 7.1	< 7.1	< 14.2	< 7.1	< 7.1	< 7.1	< 7.1	< 7.1	< 7.1

Notes:

ug/kg - microgram per kilogram

< - constituent not detected above the indicated value

Analysis by EPA Method 8260

Bold - indicates a detection

Dup - Duplicate

Table 8 Results of Soil Samples for Semi-Volatile Organic Compound Analysis, Pump Room, Carter Carburetor, St. Louis, Missouri

Semi-Volatile Organic Compounds (SVOCs)			Parameter														
Sample ID	Depth (feet)	Units	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Phenanthrene	Pyrene
0SS-F4-E5-01-01	1	ug/kg	< 3.3	< 3.3	< 3.3	**32.9**	**27.2**	**73.3**	**24.1**	< 3.3	**25.9**	**7.3**	**41.8**	< 3.3	**19.3**	**23.5**	**45**
0SS-F4-E5-01-05	5	ug/kg	< 3.3	< 3.3	< 3.3	**13.2**	**7.5**	**27.4**	**7.3**	< 3.3	**10.9**	< 3.3	**22.6**	< 3.3	**6.1**	**12.1**	**21.5**
0SS-F4-E5-01-09	9	ug/kg	< 3.3	< 3.3	< 3.3	**4**	< 3.3	**11.8**	< 3.3	< 3.3	**4.1**	< 3.3	**5.4**	**7.5**	< 3.3	**7**	**8.4**
0SS-F7-E8-01-3.5	3.5	ug/kg	< 4.2	< 4.2	< 4.2	**13.1**	**9.9**	**21.7**	**6.5**	< 4.2	**11.5**	< 4.2	**17.3**	< 4.2	**6.8**	**8.8**	**15.5**
0SS-F9-E10-01-09	9	ug/kg	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	**30.5**	**6.8**	< 4.1	**68.8**	**38**
0SS-G4-F5-01-8.5	8.5	ug/kg	< 4.2	< 4.2	**6.2**	**14.7**	< 4.2	**18.3**	< 4.2	< 4.2	**13.9**	< 4.2	**26.2**	**8.5**	< 4.2	**44.4**	**28.8**
0SS-H4-G5-01-8.5	8.5	ug/kg	< 4.2	< 4.2	**48.6**	**47.2**	**48.6**	< 4.2	**14.6**	< 4.2	**70.9**	< 4.2	< 4.2	**42.6**	**4.5**	**321**	**255**
0SS-H6-G7-01-01	1	ug/kg	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3
0SS-H6-G7-01-05	5	ug/kg	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3
0SS-H6-G7-01-09	9	ug/kg	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3
0SS-H9-G10-01-3.5	3.5	ug/kg	< 4.6	< 4.6	**7.4**	**13.5**	< 4.6	< 4.6	< 4.6	< 4.6	**12.4**	< 4.6	**26.4**	< 4.6	< 4.6	**38.7**	**19.7**

Notes:

ug/kg - microgram per kilogram

< - constituent not detected above the indicated value

Bold - indicates a detection

Analysis by EPA Method 8270 by SIM

Table 9 Results of Soil Samples for Polychlorinated Biphenyl Analysis, Pump Room, Carter Carburetor, St. Louis, Missouri

Polychlorinated Biphenyl (PCB) Aroclors			Parameter							
Sample ID	Depth (feet)	Units	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
0SS-F4-E5-01-01	1	ug/kg	< 33	< 33	< 33	< 33	< 33	< 33	< 33	--
0SS-F4-E5-01-05	5	ug/kg	< 32.9	< 32.9	< 32.9	< 32.9	**150**	< 32.9	< 32.9	**150**
0SS-F4-E5-01-09	9	ug/kg	< 330	< 330	< 330	< 330	**2,750**	< 330	< 330	**2,750**
0SS-F7-E8-01-01	1	ug/kg	< 41.8	< 41.8	< 41.8	< 41.8	< 41.8	< 41.8	< 41.8	--
0SS-F9-E10-01-01	1	ug/kg	< 40.2	< 40.2	< 40.2	< 40.2	< 40.2	< 40.2	< 40.2	--
0SS-G4-F5-01-01	1	ug/kg	< 37.6	< 37.6	< 37.6	< 37.6	< 37.6	< 37.6	**454**	**454**
0SS-H4-G5-01-01	1	ug/kg	< 194	< 194	< 194	< 194	< 194	< 194	**1,230**	**1,230**
0SS-H6-G7-01-01	1	ug/kg	< 32.9	< 32.9	< 32.9	< 32.9	< 32.9	< 32.9	< 32.9	--
0SS-H6-G7-01-05	5	ug/kg	< 32.9	< 32.9	< 32.9	< 32.9	< 32.9	< 32.9	< 32.9	--
0SS-H6-G7-01-09	9	ug/kg	< 33	< 33	< 33	< 33	< 33	< 33	< 33	--
0SS-H9-G10-01-01	1	ug/kg	< 41.9	< 41.9	< 41.9	< 41.9	**78**	< 41.9	< 41.9	**78**

Notes:

PCB - Polychlorinated biphenyls

ug/kg - microgram per kilogram

< - constituent not detected above the indicated value

Bold - indicates a detection

Analysis by EPA Method 8082

Table 10 Results of Soil Samples for Total RCRA Metal Analysis, Pump Room, Carter Carburetor, St. Louis, Missouri

		Metals	Parameters							
Sample ID	Depth (feet)	Units	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
0SS-F4-E5-01-01	1	mg/kg	**8.2**	**89.3**	< 0.48	**16.5**	**14.7**	< 0.045	< 1.4	< 0.67
0SS-F4-E5-01-05	5	mg/kg	**7.3**	**120**	< 0.47	**13.6**	**13.4**	**0.055**	< 1.4	< 0.66
0SS-F4-E5-01-09	9	mg/kg	**3.8**	**72.4**	< 0.48	**14.1**	**5.9**	< 0.048	< 1.4	< 0.67
0SS-F7-E8-01-3.5	3.5	mg/kg	**6.1**	**148**	< 0.56	**19.3**	**26.6**	**0.91**	< 1.7	< 0.79
0SS-F9-E10-01-09	9	mg/kg	**4.4**	**107**	< 0.54	**17.1**	**8.1**	**0.073**	< 1.6	< 0.76
0SS-G4-F5-01-8.5	8.5	mg/kg	**4.7**	**94.6**	< 0.51	**15.9**	**9**	**0.046**	< 1.5	< 0.71
0SS-H4-G5-01-8.5	8.5	mg/kg	**5.5**	**111**	< 0.52	**16.1**	**11.2**	< 0.048	< 1.6	< 0.73
0SS-H6-G7-01-01	1	mg/kg	**7.9**	**136**	< 0.48	**15.1**	**11.4**	< 0.041	< 1.4	< 0.67
0SS-H6-G7-01-05	5	mg/kg	**5.8**	**137**	< 0.48	**12.6**	**13.1**	< 0.045	< 1.4	< 0.67
0SS-H6-G7-01-09	9	mg/kg	**6**	**111**	< 0.48	**13.1**	**8.4**	< 0.048	< 1.4	< 0.67
0SS-H9-G10-01-3.5	3.5	mg/kg	**7.9**	**161**	**0.62**	**23.4**	**83.4**	**0.21**	< 1.5	< 0.72

Notes:

mg/kg - milligram per kilogram

< - constituent not detected above the indicated value

RCRA - Resource Conservation and Recovery Act

Bold - indicates a detection

Analysis by EPA Method 6010

Table 11 Results of Soil Samples for Select Volatile Organic Compound Analysis, Former AST #8, Carter Carburetor, St. Louis, Missouri

Volatile Organic Compounds (VOCs)*			Parameter			
Sample ID	Depth (feet)	Units	Cis-1,2-Dichloroethene (DCE)	Trans-1,2-Dichloroethene (DCE)	Trichloroethene (TCE)	Vinyl Chloride (VC)
TCE-01-10	10	ug/kg	**3,210**	< 352	**2,260**	< 352
TCE-02-03	3	ug/kg	< 581	< 581	**21,300**	< 581
TCE-03-7.5	7.5	ug/kg	< 3,300	< 3,300	**991,000**	< 33,00
TCE-03-7.5 Dup	7.5	ug/kg	< 6,180	< 6,180	**1,240,000**	< 6,180
TCE-04-10	10	ug/kg	**23,500**	< 628	**12,100**	< 628
TCE-05-11	11	ug/kg	**5,220**	< 377	**8,940**	< 377
TCE-06-06	6	ug/kg	< 3,240	< 3,240	**102,000**	< 3,240

Notes:

ug/kg - microgram per kilogram

< - constituent not detected above the indicated value

Bold - indicates a detection

Dup - Duplicate

Analysis by EPA Method 8260

* - only compounds analyzed for were TCE, DCE (cis and trans), and VC

Created by: LMS Approved by: ___
Date: 11/9/2006

Table 12 Results of Concrete Core Sample Analysis for Polychlorinated Biphenyl Analysis, First Floor, Carter Carburetor, St. Louis,

Polychlorinated Biphenyl (PCB) Aroclors			PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
Sample ID	Depth Range (inches)	Units								
1CR-A10-AA13-01-01	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	**91,000**	< 48,300	< 48,300	**91,000**
1CR-A10-AA13-01-02	1-2	ug/kg	< 4,810	< 4,810	< 4,810	< 4,810	**27,100**	< 4,810	< 4,810	**27,100**
1CR-A10-AA13-01-1/2	0-1/2	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	**59,600**	< 4,950	< 4,950	**59,600**
1CR-A10-AA13-02-01	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**16,600**	< 4,830	< 4,830	**16,600**
1CR-A4-BB6-01-01	0-1	ug/kg	< 9,660	< 9,660	< 9,660	< 9,660	**95,500**	< 9,660	< 9,660	**95,500**
1CR-A4-BB6-02-01	0-1	ug/kg	< 9,900	< 9,900	< 9,900	< 9,900	**11,200**	< 9,900	< 9,900	**11,200**
1CR-A6-AA9-01-01	0-1	ug/kg	< 9,660	< 9,660	< 9,660	< 9,660	**50,000**	< 9,660	< 9,660	**50,000**
1CR-A6-AA9-02-01	0-1	ug/kg	< 9,750	< 9,750	< 9,750	< 9,750	**35,100**	< 9,750	< 9,750	**35,100**
1CR-A6-AA9-02-02	1-2	ug/kg	< 485	< 485	< 485	< 485	**2,900**	< 485	< 485	**2,900**
1CR-A6-AA9-02-1/2	0-1/2	ug/kg	< 4,880	< 4,880	< 4,880	< 4,880	**20,200**	< 4,880	< 4,880	**20,200**
1CR-AA10-BB13-01-01	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**38,300**	< 4,830	< 4,830	**38,300**
1CR-AA10-BB13-02-01	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	**469,000**	< 48,300	< 48,300	**469,000**
1CR-AA1-DD4-01-01	0-1	ug/kg	< 490	< 490	< 490	< 490	**1,160**	< 490	< 490	**1,160**
1CR-AA6-BB9-01-01	0-1	ug/kg	< 9,800	< 9,800	< 9,800	< 9,800	**20,300**	< 9,800	< 9,800	**20,300**
1CR-AA6-BB9-02-01	0-1	ug/kg	< 9,750	< 9,750	< 9,750	< 9,750	**39,500**	< 9,750	< 9,750	**39,500**
1CR-AA9-DD10-01-01	0-1	ug/kg	< 966	< 966	< 966	< 966	**5,380**	< 966	< 966	**5,380**
1CR-AA9-DD10-02-01	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**17,800**	< 4,830	< 4,830	**17,800**
1CR-B10-A13-01-01	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	**242,000**	< 48,300	< 48,300	**242,000**
1CR-B10-A13-01-01-Dup	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	**272,000**	< 48,300	< 48,300	**272,000**
1CR-B10-A13-02-01	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	**177,000**	< 48,300	< 48,300	**177,000**
1CR-B6-A9-01-01	0-1	ug/kg	< 9,610	< 9,610	< 9,610	< 9,610	**16,800**	< 9,610	< 9,610	**16,800**
1CR-B6-A9-01-02	1-2	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	**9,180**	< 4,950	< 4,950	**9,180**
1CR-B6-A9-01-1/2	0-1/2	ug/kg	< 4,900	< 4,900	< 4,900	< 4,900	**19,600**	< 4,900	< 4,900	**19,600**
1CR-B6-A9-02-01	0-1	ug/kg	< 985	< 985	< 985	< 985	**5,760**	< 985	< 985	**5,760**
1CR-BB10-CC13-01-01	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**26,800**	< 4,830	< 4,830	**26,800**
1CR-BB10-CC13-02-01	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	**200,000**	< 48,300	< 48,300	**200,000**
1CR-BB4-DD6-01-01	0-1	ug/kg	< 4,900	< 4,900	< 4,900	< 4,900	**16,100**	< 4,900	< 4,900	**16,100**
1CR-BB4-DD6-02-01	0-1	ug/kg	< 23,900	< 23,900	< 23,900	< 23,900	**41,300**	< 23,900	< 23,900	**41,300**
1CR-BB6-CC9-01-01	0-1	ug/kg	< 24,400	< 24,400	< 24,400	< 24,400	**71,200**	< 24,400	< 24,400	**71,200**
1CR-BB6-CC9-02-01	0-1	ug/kg	< 24,300	< 24,300	< 24,300	< 24,300	**76,900**	< 24,300	< 24,300	**76,900**
1CR-BB6-CC9-02-02	1-2	ug/kg	< 4,740	< 4,740	< 4,740	< 4,740	**46,000**	< 4,740	< 4,740	**46,000**
1CR-BB6-CC9-02-1/2	0-1/2	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	**53,400**	< 4,760	< 4,760	**53,400**
1CR-C10-B13-01-01	0-1	ug/kg	< 23,800	< 23,800	< 23,800	< 23,800	**43,900**	< 23,800	< 23,800	**43,900**
1CR-C10-B13-02-01	0-1	ug/kg	< 24,400	< 24,400	< 24,400	< 24,400	**136,000**	< 24,400	< 24,400	**136,000**
1CR-C4-A6-01-01	0-1	ug/kg	< 9,660	< 9,660	< 9,660	< 9,660	**57,600**	< 9,660	< 9,660	**57,600**
1CR-C4-A6-02-01	0-1	ug/kg	< 24,100	< 24,100	< 24,100	< 24,100	**127,000**	< 24,100	< 24,100	**127,000**
1CR-C6-B9-01-01	0-1	ug/kg	< 9,660	< 9,660	< 9,660	< 9,660	**146,000**	< 9,660	< 9,660	**146,000**
1CR-C6-B9-01-01-Dup	0-1	ug/kg	< 9,800	< 9,800	< 9,800	< 9,800	**129,000**	< 9,800	< 9,800	**129,000**
1CR-C6-B9-02-01	0-1	ug/kg	< 24,400	< 24,400	< 24,400	< 24,400	**28,400**	< 24,400	< 24,400	**28,400**
1CR-C9-AA10-01-01	0-1	ug/kg	< 9,520	< 9,520	< 9,520	< 9,520	**10,300**	< 9,520	< 9,520	**10,300**
1CR-C9-AA10-02-01	0-1	ug/kg	< 9,470	< 9,470	< 9,470	< 9,470	**149,000**	< 9,470	< 9,470	**149,000**
1CR-CC10-DD13-01-01	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**10,000**	< 4,830	< 4,830	**10,000**
1CR-CC10-DD13-01-02	1-2	ug/kg	< 474	< 474	< 474	< 474	**1,550**	< 474	< 474	**1,550**
1CR-CC10-DD13-01-1/2	0-1/2	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	**17,000**	< 4,760	< 4,760	**17,000**
1CR-CC10-DD13-02-01	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	**236,000**	< 48,300	< 48,300	**236,000**
1CR-CC6-DD9-01-01	0-1	ug/kg	< 947	< 947	< 947	< 947	**3,300**	< 947	< 947	**3,300**
1CR-CC6-DD9-02-01	0-1	ug/kg	< 4,740	< 4,740	< 4,740	< 4,740	**10,500**	< 4,740	< 4,740	**10,500**
1CR-D10-C13-01-01	0-1	ug/kg	< 24,100	< 24,100	< 24,100	< 24,100	**110,000**	< 24,100	< 24,100	**110,000**
1CR-D10-C13-02-01	0-1	ug/kg	< 24,400	< 24,400	< 24,400	< 24,400	**73,200**	< 24,400	< 24,400	**73,200**
1CR-D1-AA4-01-01	0-1	ug/kg	< 2,430	< 2,430	< 2,430	< 2,430	**17,600**	< 2,430	< 2,430	**17,600**
1CR-D1-AA4-01-01 Dup	0-1	ug/kg	< 2,360	< 2,360	< 2,360	< 2,360	**13,800**	< 2,360	< 2,360	**13,800**
1CR-D4-C7-01-01	0-1	ug/kg	< 9,710	< 9,710	< 9,710	< 9,710	**14,200**	< 9,710	< 9,710	**14,200**
1CR-D4-C7-02-01	0-1	ug/kg	< 9,900	< 9,900	< 9,900	< 9,900	**43,500**	< 9,900	< 9,900	**43,500**
1CR-E4-D7-02-02	1-2	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	**12,900**	< 4,950	< 4,950	**12,900**
1CR-E4-D7-02-1/2	0-1/2	ug/kg	< 4,930	< 4,930	< 4,930	< 4,930	**26,200**	< 4,930	< 4,930	**26,200**
1CR-D7-C10-01-01	0-1	ug/kg	< 4,950	< 4950	< 4950	< 4950	**34,100**	< 4950	**13,000**	**47,100**
1CR-D7-C10-02-01	0-1	ug/kg	< 23,900	< 23,900	< 23,900	< 23,900	**73,300**	< 23,900	< 23,900	**73,300**
1CR-DD10-EE13-01-01	0-1	ug/kg	< 4,900	< 4,900	< 4,900	< 4,900	**31,900**	< 4,900	< 4,900	**31,900**
1CR-DD10-EE13-02-01	0-1	ug/kg	< 483	< 483	< 483	< 483	**2,850**	< 483	< 483	**2,850**
1CR-DD1-HH4-01-01	0-1	ug/kg	< 24,100	< 24,100	< 24,100	< 24,100	**83,000**	< 24,100	< 24,100	**83,000**
1CR-DD1-HH4-01-02	1-2	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	**43,500**	< 4,760	< 4,760	**43,500**
1CR-DD1-HH4-01-1/2	0-1/2	ug/kg	< 4,850	< 4,850	< 4,850	< 4,850	**72,000**	< 4,850	< 4,850	**72,000**
1CR-DD4-GG5-01-01	0-1	ug/kg	< 23,900	< 23,900	< 23,900	< 23,900	**93,200**	< 23,900	< 23,900	**93,200**
1CR-DD4-GG5-02-01	0-1	ug/kg	< 4,850	< 4,850	< 4,850	< 4,850	**11,600**	< 4,850	< 4,850	**11,600**
1CR-DD5-GG6-01-01	0-1	ug/kg	< 980	< 980	< 980	< 980	**4,600**	< 980	< 980	**4,600**

Table 12 Results of Concrete Core Sample Analysis for Polychlorinated Biphenyl Analysis, First Floor, Carter Carburetor, St. Louis,

Polychlorinated Biphenyl (PCB) Aroclors			PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
Sample ID	Depth Range (inches)	Units								
1CR-DD5-GG6-02-01	0-1	ug/kg	< 24,100	< 24,100	< 24,100	< 24,100	60,000	< 24,100	< 24,100	60,000
1CR-DD6-EE9-01-01	0-1	ug/kg	< 947	< 947	< 947	< 947	3,330	< 947	< 947	3,330
1CR-DD6-EE9-02-01	0-1	ug/kg	< 4,810	< 4,810	< 4,810	< 4,810	11,400	< 4,810	< 4,810	11,400
1CR-DD9-GG10-01-01	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	16,200	< 4,830	< 4,830	16,200
1CR-DD9-GG10-01-02	1-2	ug/kg	< 4,930	< 4,930	< 4,930	< 4,930	9,730	< 4,930	< 4,930	9,730
1CR-DD9-GG10-01-1/2	0-1/2	ug/kg	< 4,780	< 4,780	< 4,780	< 4,780	20,900	< 4,780	< 4,780	20,900
1CR-DD9-GG10-01-1/2 Dup	0-1/2	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	19,400	< 4,950	< 4,950	19,400
1CR-DD9-GG10-02-01	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	71,000	< 48,300	< 48,300	71,000
1CR-E10-D13-01-01	0-1	ug/kg	< 24,300	< 24,300	< 24,300	< 24,300	71,000	< 24,300	< 24,300	71,000
1CR-E10-D13-02-01	0-1	ug/kg	< 24,600	< 24,600	< 24,600	< 24,600	425,000	< 24,600	< 24,600	425,000
1CR-E4-D7-01-01	0-1	ug/kg	< 24,100	< 24,100	< 24,100	< 24,100	37,700	< 24,100	< 24,100	37,700
1CR-E4-D7-02-01	0-1	ug/kg	< 24,400	< 24,400	< 24,400	< 24,400	84,300	< 24,400	< 24,400	84,300
1CR-E7-D10-01-01	0-1	ug/kg	< 24,500	< 24,500	< 24,500	< 24,500	71,600	< 24,500	< 24,500	71,600
1CR-E7-D10-01-02	1-2	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	23,200	< 4,950	< 4,950	23,200
1CR-E7-D10-01-1/2	0-1/2	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	74,200	< 4,760	< 4,760	74,200
1CR-E7-D10-02-01	0-1	ug/kg	< 97,500	< 97,500	< 97,500	< 97,500	< 97500	< 97,500	719,000	719,000
1CR-EE10-FF13-01-01	0-1	ug/kg	< 48,800	< 48,800	< 48,800	< 48,800	84,100	< 48,800	< 48,800	84,100
1CR-EE10-FF13-02-01	0-1	ug/kg	< 47,400	< 47,400	< 47,400	< 47,400	153,000	< 47,400	< 47,400	153,000
1CR-EE6-FF9-01-01	0-1	ug/kg	< 961	< 961	< 961	< 961	5,980	< 961	< 961	5,980
1CR-EE6-FF9-02-01	0-1	ug/kg	< 24,100	< 24,100	< 24,100	< 24,100	35,800	< 24,100	< 24,100	35,800
1CR-F10-E13-01-01	0-1	ug/kg	< 9,660	< 9,660	< 9,660	< 9,660	64,000	< 9,660	< 9,660	64,000
1CR-F10-E13-02-01	0-1	ug/kg	< 47,800	< 47,800	< 47,800	< 47,800	328,000	< 47,800	< 47,800	328,000
1CR-F10-E13-02-01-Dup	0-1	ug/kg	< 48,800	< 48,800	< 48,800	< 48,800	380,000	< 48,800	< 48,800	380,000
1CR-FF10-GG13-01-01	0-1	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	39,000	< 4,950	< 4,950	39,000
1CR-FF10-GG13-02-01	0-1	ug/kg	< 47,800	< 47,800	< 47,800	< 47,800	137,000	< 47,800	< 47,800	137,000
1CR-FF6-GG9-01-01	0-1	ug/kg	< 23,900	< 23,900	< 23,900	< 23,900	29,900	< 23,900	< 23,900	29,900
1CR-FF6-GG9-01-02	1-2	ug/kg	< 493	< 493	< 493	< 493	567	< 493	< 493	567
1CR-FF6-GG9-01-1/2	0-1/2	ug/kg	< 4,880	< 4,880	< 4,880	< 4,880	94,900	< 4,880	< 4,880	94,900
1CR-FF6-GG9-02-01	0-1	ug/kg	< 485	< 485	< 485	< 485	776	< 485	< 485	776
1CR-G10-F13-01-01	0-1	ug/kg	< 9,610	< 9,610	< 9,610	< 9,610	108,000	< 9,610	< 9,610	108,000
1CR-G10-F13-02-01	0-1	ug/kg	< 9,800	< 9,800	< 9,800	< 9,800	182,000	< 9,800	< 9,800	182,000
1CR-G1-D4-01-01	0-1	ug/kg	< 471	< 471	< 471	< 471	< 471	< 471	< 471	--
1CR-GG4-HH9-01-01	0-1	ug/kg	< 4,780	< 4,780	< 4,780	< 4,780	14,800	< 4,780	< 4,780	14,800
1CR-GG4-HH9-02-01	0-1	ug/kg	< 24,100	< 24,100	< 24,100	< 24,100	27,700	< 24,100	< 24,100	27,700
1CR-GG4-HH9-03-01	0-1	ug/kg	< 966	< 966	< 966	< 966	6,280	< 966	< 966	6,280
1CR-GG4-HH9-04-01	0-1	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	19,200	< 4,760	< 4,760	19,200
1CR-GG9-LL13-01-01	0-1	ug/kg	< 24,100	< 24,100	< 24,100	< 24,100	63,300	< 24,100	< 24,100	63,300
1CR-GG9-LL13-01-01-Dup	0-1	ug/kg	< 24,500	< 24,500	< 24,500	< 24,500	61,100	< 24,500	< 24,500	61,100
1CR-GG9-LL13-01-02	1-2	ug/kg	< 4,930	< 4,930	< 4,930	< 4,930	15,200	< 4,930	< 4,930	15,200
1CR-GG9-LL13-01-1/2	0-1/2	ug/kg	< 4,880	< 4,880	< 4,880	< 4,880	52,200	< 4,880	< 4,880	52,200
1CR-GG9-LL13-02-01	0-1	ug/kg	< 23,700	< 23,700	< 23,700	< 23,700	118,000	< 23,700	< 23,700	118,000
1CR-H10-G13-01-01	0-1	ug/kg	< 95,200	< 95,200	< 95,200	< 95,200	1,080,000	< 95,200	< 95,200	1,080,000
1CR-H10-G13-02-01	0-1	ug/kg	< 49,300	< 49,300	< 49,300	< 49,300	281,000	< 49,300	< 49,300	281,000
1CR-HH13-LL16-01-01	0-1	ug/kg	< 474	< 474	< 474	< 474	1,380	< 474	4,530	5,910
1CR-HH16-LL19-01-01	0-1	ug/kg	< 490	< 490	< 490	< 490	< 490	< 490	< 490	--
1CR-HH4-LL9-01-01	0-1	ug/kg	< 4,710	< 4,710	< 4,710	< 4,710	73,800	< 4,710	< 4,710	73,800
1CR-HH4-LL9-02-01	0-1	ug/kg	< 4,710	< 4,710	< 4,710	< 4,710	39,700	< 4,710	< 4,710	39,700
1CR-HH6-KK10-01-01	0-1	ug/kg	< 2,390	< 2,390	< 2,390	< 2,390	16,700	< 2,390	< 2,390	16,700
1CR-HH6-KK10-02-01	0-1	ug/kg	< 2,440	< 2,440	< 2,440	< 2,440	22,500	< 2,440	< 2,440	22,500
1CR-J10-H13-01-01	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	303,000	< 48,300	< 48,300	303,000
1CR-J10-H13-02-01	0-1	ug/kg	< 95,700	< 95,700	< 95,700	< 95,700	966,000	< 95,700	< 95,700	966,000
1CR-J1-G4-01-01	0-1	ug/kg	< 2,450	< 2,450	< 2,450	< 2,450	10,800	< 2,450	< 2,450	10,800
1CR-K10-J13-01-01	0-1	ug/kg	< 9,750	< 9,750	< 9,750	< 9,750	166,000	< 9,750	< 9,750	166,000
1CR-K10-J13-02-01	0-1	ug/kg	< 47,400	< 47,400	< 47,400	< 47,400	410,000	< 47,400	< 47,400	410,000
1CR-L10-K13-01-01	0-1	ug/kg	< 48,500	< 48,500	< 48,500	< 48,500	292,000	< 48,500	< 48,500	292,000
1CR-L10-K13-02-01	0-1	ug/kg	< 9,660	< 9,660	< 9,660	< 9,660	123,000	< 9,660	< 9,660	123,000
1CR-L1-J4-01-01	0-1	ug/kg	< 490	< 490	< 490	< 490	668	< 490	< 490	668
1CR-L1-J4-02-01	0-1	ug/kg	< 943	< 943	< 943	< 943	1,710	< 943	< 943	1,710
1CR-L4-J7-01-01	0-1	ug/kg	< 2,450	< 2,450	< 2,450	< 2,450	4,770	< 2,450	< 2,450	4,770
1CR-L4-J7-02-01	0-1	ug/kg	< 2,480	< 2,480	< 2,480	< 2,480	4,340	< 2,480	< 2,480	4,340
1CR-L7-H9-01-01	0-1	ug/kg	< 24,000	< 24,000	< 24,000	< 24,000	116,000	< 24,000	< 24,000	116,000
1CR-L7-H9-02-01	0-1	ug/kg	< 23,900	< 23,900	< 23,900	< 23,900	67,900	< 23,900	< 23,900	67,900
1CR-L7-H9-02-02	1-2	ug/kg	< 4,850	< 4,850	< 4,850	< 4,850	11,700	< 4,850	< 4,850	11,700
1CR-L7-H9-02-1/2	0-1/2	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	89,100	< 4,830	< 4,830	89,100
1CR-L9-H10-01-01	0-1	ug/kg	< 24,000	< 24,000	< 24,000	< 24,000	152,000	< 24,000	< 24,000	152,000

Table 12 Results of Concrete Core Sample Analysis for Polychlorinated Biphenyl Analysis, First Floor, Carter Carburetor, St. Louis,

Polychlorinated Biphenyl (PCB) Aroclors			PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
Sample ID	Depth Range (inches)	Units								
1CR-L9-H10-02-01	0-1	ug/kg	< 24,800	< 24,800	< 24,800	< 24,800	**176,000**	< 24,800	< 24,800	**176,000**
1CR-LL14-PP16-01-01	0-1	ug/kg	< 483	< 483	< 483	< 483	**730**	< 483	**512**	**1,242**
1CR-LL16-PP18-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**7,350**	< 476	< 476	**7,350**
1CR-LL1-SS4-01-01	0-1	ug/kg	< 490	< 490	< 490	< 490	**1,520**	< 490	< 490	**1,520**
1CR-LL1-SS4-02-01	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**40,500**	< 4,830	< 4,830	**40,500**
1CR-LL4-OO8-01-01	0-1	ug/kg	< 980	< 980	< 980	< 980	**9,250**	< 980	< 980	**9,250**
1CR-LL4-OO8-02-01	0-1	ug/kg	< 2,380	< 2,380	< 2,380	< 2,380	**20,100**	< 2,380	< 2,380	**20,100**
1CR-LL8-OO13-01-01	0-1	ug/kg	< 24,100	< 24,100	< 24,100	< 24,100	**58,700**	< 24,100	< 24,100	**58,700**
1CR-LL8-OO13-02-01	0-1	ug/kg	< 23,900	< 23,900	< 23,900	< 23,900	**95,300**	< 23,900	< 23,900	**95,300**
1CR-LL8-OO13-02-02	1-2	ug/kg	< 4,810	< 4,810	< 4,810	< 4,810	**25,400**	< 4,810	< 4,810	**25,400**
1CR-LL8-OO13-02-1/2	0-1/2	ug/kg	< 4,780	< 4,780	< 4,780	< 4,780	**66,600**	< 4,780	< 4,780	**66,600**
1CR-M10-L13-01-01	0-1	ug/kg	< 9,900	< 9,900	< 9,900	< 9,900	**93,800**	< 9,900	< 9,900	**93,800**
1CR-M10-L13-02-01	0-1	ug/kg	< 99,000	< 99,000	< 99,000	< 99,000	**882,000**	< 99,000	< 99,000	**882,000**
1CR-M7-L9-01-01	0-1	ug/kg	< 485	< 485	< 485	< 485	**1,450**	< 485	< 485	**1,450**
1CR-M7-L9-02-01	0-1	ug/kg	< 24,500	< 24,500	< 24,500	< 24,500	**51,000**	< 24,500	< 24,500	**51,000**
1CR-M7-L9-02-01-Dup	0-1	ug/kg	< 24,500	< 24,500	< 24,500	< 24,500	**48,900**	< 24,500	< 24,500	**48,900**
1CR-N10-M13-01-01	0-1	ug/kg	< 9,570	< 9,570	< 9,570	< 9,570	**18,200**	< 9,570	< 9,570	**18,200**
1CR-N10-M13-02-01	0-1	ug/kg	< 474,000	< 474,000	< 474,000	< 474,000	**3,640,000**	< 474,000	< 474,000	**3,640,000**
1CR-N1-L4-01-01	0-1	ug/kg	< 495	< 495	< 495	< 495	< 495	< 495	< 495	--
1CR-N1-L4-02-01	0-1	ug/kg	< 985	< 985	< 985	< 985	**2,850**	< 985	< 985	**2,850**
1CR-N4-L7-01-01	0-1	ug/kg	< 478	< 478	< 478	< 478	< 478	< 478	< 478	--
1CR-N4-L7-02-01	0-1	ug/kg	< 478	< 478	< 478	< 478	**2,030**	< 478	< 478	**2,030**
1CR-NW-STAIR-01-01	0-1	ug/kg	< 9,520	< 9,520	< 9,520	< 9,520	**30,000**	< 9,520	< 9,520	**30,000**
1CR-O10-N13-01-01	0-1	ug/kg	< 49,000	< 49,000	< 49,000	< 49,000	**497,000**	< 49,000	< 49,000	**497,000**
1CR-O10-N13-02-01	0-1	ug/kg	< 474,000	< 474,000	< 474,000	< 474,000	**4,140,000**	< 474,000	< 474,000	**4,140,000**
1CR-OO13-SS19-01-01	0-1	ug/kg	< 478	< 478	< 478	< 478	**5,010**	< 478	< 478	**5,010**
1CR-OO4-SS8-01-01	0-1	ug/kg	< 2,360	< 2,360	< 2,360	< 2,360	**17,000**	< 2,360	< 2,360	**17,000**
1CR-OO4-SS8-02-01	0-1	ug/kg	< 4,850	< 4,850	< 4,850	< 4,850	**97,700**	< 4,850	< 4,850	**97,700**
1CR-OO4-SS8-02-02	1-2	ug/kg	< 478	< 478	< 478	< 478	**629**	< 478	< 478	**629**
1CR-OO4-SS8-02-1/2	0-1/2	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	**25,900**	< 4,760	< 4,760	**25,900**
1CR-OO8-QQ13-01-01	0-1	ug/kg	< 4,710	< 4,710	< 4,710	< 4,710	**29,000**	< 4,710	< 4,710	**29,000**
1CR-OO8-QQ13-02-01	0-1	ug/kg	< 4,930	< 4,930	< 4,930	< 4,930	**70,300**	< 4,930	< 4,930	**70,300**
1CR-P10-O13-01-01	0-1	ug/kg	< 9,900	< 9,900	< 9,900	< 9,900	**136,000**	< 9,900	< 9,900	**136,000**
1CR-P10-O13-02-01	0-1	ug/kg	< 24,000	< 24,000	< 24,000	< 24,000	**233,000**	< 24,000	< 24,000	**233,000**
1CR-P1-N4-01-01	0-1	ug/kg	< 471	< 471	< 471	< 471	< 471	< 471	< 471	--
1CR-P1-N4-02-01	0-1	ug/kg	< 490	< 490	< 490	< 490	**749**	< 490	< 490	**749**
1CR-P4-N7-01-01	0-1	ug/kg	< 975	< 975	< 975	< 975	**1,280**	< 975	< 975	**1,280**
1CR-P4-N7-02-01	0-1	ug/kg	< 488	< 488	< 488	< 488	**617**	< 488	< 488	**617**
1CR-P4-N7-02-01 DUP	0-1	ug/kg	< 488	< 488	< 488	< 488	< 488	< 488	< 488	--
1CR-P7-M9-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**2,010**	< 476	< 476	**2,010**
1CR-P7-M9-02-01	0-1	ug/kg	< 2,480	< 2,480	< 2,480	< 2,480	**5,940**	< 2,480	< 2,480	**5,940**
1CR-P9-L10-01-01	0-1	ug/kg	< 23,900	< 23,900	< 23,900	< 23,900	**47,600**	< 23,900	< 23,900	**47,600**
1CR-P9-L10-02-01	0-1	ug/kg	< 24,300	< 24,300	< 24,300	< 24,300	**213,000**	< 24,300	< 24,300	**213,000**
1CR-QQ14-SS18-01-01	0-1	ug/kg	< 495	< 495	< 495	< 495	**1,560**	< 495	**2,310**	**3,870**
1CR-QQ4-SS7-01-01	0-1	ug/kg	< 9,570	< 9,570	< 9,570	< 9,570	**23,200**	< 9,570	< 9,570	**23,200**
1CR-QQ4-SS7-02-01	0-1	ug/kg	< 95,700	< 95,700	< 95,700	< 95,700	**430,000**	< 95,700	< 95,700	**430,000**
1CR-QQ8-SS13-01-01	0-1	ug/kg	< 474	< 474	< 474	< 474	**3,660**	< 474	< 474	**3,660**
1CR-QQ8-SS13-02-01	0-1	ug/kg	< 4,810	< 4,810	< 4,810	< 4,810	**54,400**	< 4,810	< 4,810	**54,400**
1CR-QQ8-SS13-02-02	1-2	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	**51,300**	< 4,760	< 4,760	**51,300**
1CR-QQ8-SS13-02-1/2	0-1/2	ug/kg	< 4,780	< 4,780	< 4,780	< 4,780	**50,900**	< 4,780	< 4,780	**50,900**
1CR-SE-STAIR-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**4,570**	< 476	< 476	**4,570**

Notes:

PCB - Polychlorinated biphenyls

ug/kg - microgram per kilogram

Dup - Duplicate

< - constituent not detected above the indicated value

Bold - indicates a detection

Analysis by EPA Method 8082

Table 13 Results of Concrete Samples for Polychlorinated Biphenyl Analysis, Pump Room Floor, Carter Carburetor, St. Louis, Missouri

Polychlorinated Biphenyl (PCB) Aroclors			PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
Sample ID	Depth Range (inches)	Units								
0CR-F4-E5-01-01	0-1	ug/kg	**1,800**	< 980	< 980	< 980	**3,660**	< 980	**8,070**	**13,530**
0CR-F4-E5-01-02	1-2	ug/kg	< 478	< 478	< 478	< 478	< 478	< 478	< 478	--
0CR-F4-E5-01-1/2	0-1/2	ug/kg	< 4,810	< 4,810	< 4,810	< 4,810	< 4,810	< 4,810	**90,800**	**90,800**
0CR-F5-E6-01-01	0-1	ug/kg	< 478	< 478	< 478	< 478	**2,100**	< 478	< 478	**2,100**
0CR-F7-E8-01-01	0-1	ug/kg	< 495	< 495	< 495	< 495	**1,800**	< 495	< 495	**1,800**
0CR-F8-E9-01-01	0-1	ug/kg	< 493	< 493	< 493	< 493	**1,940**	< 493	**1,280**	**3,220**
0CR-F9-E10-01-01	0-1	ug/kg	< 9,850	< 9,850	< 9,850	< 9,850	**15,300**	< 9,850	< 9,850	**15,300**
0CR-F9-E10-01-01-Dup	0-1	ug/kg	< 9,660	< 9,660	< 9,660	< 9,660	**12,800**	< 9,660	< 9,660	**12,800**
0CR-G8-F9-01-01	0-1	ug/kg	< 495	< 495	< 495	< 495	**3,200**	< 495	< 495	**3,200**
0CR-G8-F9-02-01	0-1	ug/kg	< 490	< 490	< 490	< 490	**1,010**	< 490	< 490	**1,010**
0CR-H6-G7-01-01	0-1	ug/kg	< 9,660	< 9660	< 9660	< 9660	**15,300**	< 9660	**14,800**	**30,100**
0CR-H7-G8-01-01	0-1	ug/kg	< 961	< 961	< 961	< 961	**7,350**	< 961	< 961	**7,350**
0CR-H9-G10-01-01	0-1	ug/kg	< 9,710	< 9,710	< 9,710	< 9,710	**18,900**	< 9,710	< 9,710	**18,900**

Notes:

PCB - Polychlorinated biphenyls

ug/kg - microgram per kilogram

Dup - Duplicate

< - constituent not detected above the indicated value

Bold - indicates a detection

Analysis by EPA Method 8082

Table 14 Results of Concrete Core Samples for Polychlorinated Biphenyl Analysis, Second Floor, Carter Carburetor, St. Louis, Missouri

Polychlorinated Biphenyl (PCB) Aroclors			PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
Sample ID	Depth Range (inches)	Units								
2CR-AA5-DD9-01-01	0-1	ug/kg	< 2,380	< 2,380	< 2,380	< 2,380	**10,600**	< 2,380	< 2,380	**10,600**
2CR-BB1-EE4-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**2,010**	< 481	< 481	**2,010**
2CR-BB9-FF13-01-01	0-1	ug/kg	< 488	< 488	< 488	< 488	**4,110**	< 488	< 488	**4,110**
2CR-C1-BB5-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**5,610**	< 481	< 481	**5,610**
2CR-D5-A9-01-01	0-1	ug/kg	< 493	< 493	< 493	< 493	< 493	< 493	< 493	--
2CR-D9-BB13-01-01	0-1	ug/kg	< 490	< 490	< 490	< 490	**1,580**	< 490	< 490	**1,580**
2CR-EE1-JJ5-01-01	0-1	ug/kg	< 483	< 483	< 483	< 483	**1,510**	< 483	< 483	**1,510**
2CR-EE5-HH9-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**3,490**	< 481	< 481	**3,490**
2CR-EE5-HH9-01-01Dup	0-1	ug/kg	< 483	< 483	< 483	< 483	**3,990**	< 483	< 483	**3,990**
2CR-FF9-KK13-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**4,070**	< 476	< 476	**4,070**
2CR-G1-C5-01-01	0-1	ug/kg	< 490	< 490	< 490	< 490	< 490	< 490	< 490	--
2CR-H10-D13-01-01	0-1	ug/kg	< 485	< 485	< 485	< 485	**7,540**	< 485	< 485	**7,540**
2CR-H4-E6-01-01	0-1	ug/kg	< 471	< 471	< 471	< 471	< 471	< 471	< 471	--
2CR-H6-E10-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	< 476	< 476	< 476	--
2CR-HH13-NN15-01-01	0-1	ug/kg	< 478	< 478	< 478	< 478	**736**	< 478	< 478	**736**
2CR-HH15-LL19-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**830**	< 481	< 481	**830**
2CR-J1-G4-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	< 476	< 476	< 476	--
2CR-JJ4-NN9-01-01	0-1	ug/kg	< 485	< 485	< 485	< 485	**4,630**	< 485	< 485	**4,630**
2CR-KK9-OO13-01-01	0-1	ug/kg	< 488	< 488	< 488	< 488	**2,950**	< 488	< 488	**2,950**
2CR-L9-H13-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**6,850**	< 476	< 476	**6,850**
2CR-LL15-OO19-01-01	0-1	ug/kg	< 483	< 483	< 483	< 483	< 483	< 483	< 483	--
2CR-LL2-OO5-01-01	0-1	ug/kg	< 493	< 493	< 493	< 493	**5,310**	< 493	< 493	**5,310**
2CR-M1-J4-01-01	0-1	ug/kg	< 490	< 490	< 490	< 490	**789**	< 490	< 490	**789**
2CR-M4-J7-01-01	0-1	ug/kg	< 493	< 493	< 493	< 493	< 493	< 493	< 493	--
2CR-NN13-QQ15-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**1,210**	< 481	< 481	**1,210**
2CR-OO15-QQ19-01-01	0-1	ug/kg	< 478	< 478	< 478	< 478	< 478	< 478	< 478	--
2CR-OO2-SS5-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**944**	< 476	< 476	**944**
2CR-OO5-SS9-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**9,520**	< 481	< 481	**9,520**
2CR-OO9-SS13-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**4,100**	< 481	< 481	**4,100**
2CR-P1-M4-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	< 481	< 481	< 481	--
2CR-P4-N9-01-01	0-1	ug/kg	< 495	< 495	< 495	< 495	< 495	< 495	< 495	--
2CR-P9-L13-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**1,510**	< 481	< 481	**1,510**
2CR-QQ14-SS19-01-01	0-1	ug/kg	< 488	< 488	< 488	< 488	< 488	< 488	< 488	--

Notes:

PCB - Polychlorinated biphenyls

ug/kg - microgram per kilogram

Dup - Duplicate

< - constituent not detected above the indicated value

Bold - indicates a detection

Analysis by EPA Method 8082

Table 15 Results of Concrete Core Samples for Polychlorinated Biphenyl Analysis, Third Floor, Carter Carburetor, St. Louis, Missouri

Polychlorinated Biphenyl (PCB) Aroclors			PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
Sample ID	Depth Range (inches)	Units								
3CR-A1-DD4-01-01	0-1	ug/kg	< 4,930	< 4,930	< 4,930	< 4,930	**37,800**	< 4,930	< 4,930	**37,800**
3CR-A1-DD4-01-02	1-2	ug/kg	< 4,900	< 4,900	< 4,900	< 4,900	**19,300**	< 4,900	< 4,900	**19,300**
3CR-A1-DD4-01-1/2	0-1/2	ug/kg	< 4,880	< 4,880	< 4,880	< 4,880	**20,400**	< 4,880	< 4,880	**20,400**
3CR-A1-DD4-02-01	0-1	ug/kg	< 2,400	< 2,400	< 2,400	< 2,400	**20,400**	< 2,400	< 2,400	**20,400**
3CR-AA10-DD13-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**2,660**	< 476	< 476	**2,660**
3CR-AA4-DD7-01-01	0-1	ug/kg	< 478	< 478	< 478	< 478	**9,660**	< 478	< 478	**9,660**
3CR-AA7-DD10-01-01	0-1	ug/kg	< 9,850	< 9,850	< 9,850	< 9,850	< 9,850	**137,000**	< 9,850	**137,000**
3CR-D10-AA13-01-01	0-1	ug/kg	< 2,360	< 2,360	< 2,360	< 2,360	**24,000**	< 2,360	< 2,360	**24,000**
3CR-D1-A4-01-01	0-1	ug/kg	< 485	< 485	< 485	< 485	**7,630**	< 485	< 485	**7,630**
3CR-D1-A4-02-01	0-1	ug/kg	< 488	< 488	< 488	< 488	**4,430**	< 488	< 488	**4,430**
3CR-D1-A4-02-01 Dup	0-1	ug/kg	< 478	< 478	< 478	< 478	**4,070**	< 478	< 478	**4,070**
3CR-D4-A7-01-01	0-1	ug/kg	< 474	< 474	< 474	< 474	**6,750**	< 474	< 474	**6,750**
3CR-D7-A10-01-01	0-1	ug/kg	< 2,380	< 2,380	< 2,380	< 2,380	**10,200**	< 2,380	< 2,380	**10,200**
3CR-DD10-GG13-01-01	0-1	ug/kg	< 490	< 490	< 490	< 490	**4,450**	< 490	< 490	**4,450**
3CR-DD1-HH4-01-01	0-1	ug/kg	< 495	< 495	< 495	< 495	**2,270**	< 495	< 495	**2,270**
3CR-DD1-HH4-02-01	0-1	ug/kg	< 474	< 474	< 474	< 474	**6,570**	< 474	< 474	**6,570**
3CR-EE4-HH7-01-01	0-1	ug/kg	< 471	< 471	< 471	< 471	< 471	< 471	< 471	--
3CR-EE7-HH10-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**1,130**	< 481	< 481	**1,130**
3CR-G1-D4-01-01	0-1	ug/kg	< 471	< 471	< 471	< 471	**5,180**	< 471	< 471	**5,180**
3CR-G1-D4-02-01	0-1	ug/kg	< 4,900	< 4,900	< 4,900	< 4,900	**43,200**	< 4900	< 4,900	**43,200**
3CR-GG10-LL13-01-01	0-1	ug/kg	< 2,450	< 2,450	< 2,450	< 2,450	**48,100**	< 2450	< 2,450	**48,100**
3CR-GG10-LL13-01-02	1-2	ug/kg	< 474	< 474	< 474	< 474	**1,870**	< 474	< 474	**1,870**
3CR-GG10-LL13-01-1/2	0-1/2	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	**39,800**	< 4,760	< 4,760	**39,800**
3CR-H4-E7-01-01	0-1	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	**35,200**	< 4,950	< 4,950	**35,200**
3CR-H7-E9-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**3,390**	< 476	< 476	**3,390**
3CR-H9-D13-01-01	0-1	ug/kg	< 2,390	< 2,390	< 2,390	< 2,390	**14,800**	< 2,390	< 2,390	**14,800**
3CR-HH4-NN7-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**3,130**	< 476	< 476	**3,130**
3CR-HH4-NN7-02-01	0-1	ug/kg	< 9,430	< 9,430	< 9,430	< 9,430	**89,700**	< 9,430	< 9,430	**89,700**
3CR-J1-G4-01-01	0-1	ug/kg	< 488	< 488	< 488	< 488	**5,880**	< 488	< 488	**5,880**
3CR-J1-G4-02-01	0-1	ug/kg	< 4,740	< 4,740	< 4,740	< 4,740	**56,700**	< 4,740	< 4,740	**56,700**
3CR-J1-G4-02-02	1-2	ug/kg	< 4,930	< 4,930	< 4,930	< 4,930	**24,100**	< 4,930	< 4,930	**24,100**
3CR-J1-G4-02-1/2	0-1/2	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	**35,900**	< 4,760	< 4,760	**35,900**
3CR-KK7-NN10-01-01	0-1	ug/kg	< 2,480	< 2,480	< 2,480	< 2,480	**18,000**	< 2,480	< 2,480	**18,000**
3CR-KK7-NN10-01-02	1-2	ug/kg	< 476	< 476	< 476	< 476	**844**	< 476	< 476	**844**
3CR-KK7-NN10-01-1/2	0-1/2	ug/kg	< 4,710	< 4,710	< 4,710	< 4,710	**28,700**	< 4,710	< 4,710	**28,700**
3CR-KK7-NN10-02-01	0-1	ug/kg	< 2,440	< 2,440	< 2,440	< 2,440	**22,300**	< 2,440	< 2,440	**22,300**
3CR-L9-H13-01-01	0-1	ug/kg	< 4,710	< 4,710	< 4,710	< 4,710	**29,100**	< 4,710	< 4,710	**29,100**
3CR-LL10-OO13-01-01	0-1	ug/kg	< 2,370	< 2,370	< 2,370	< 2,370	**14,900**	< 2,370	< 2,370	**14,900**
3CR-M1-J4-01-01	0-1	ug/kg	< 19,400	< 19,400	< 19,400	< 19,400	**226,000**	< 19,400	< 19,400	**226,000**
3CR-M1-J4-02-01	0-1	ug/kg	< 4,930	< 4,930	< 4,930	< 4,930	**32,300**	< 4,930	< 4,930	**32,300**
3CR-M4-J7-01-01	0-1	ug/kg	< 471	< 471	< 471	< 471	**6,590**	< 471	**3,340**	**9,930**
3CR-MM3-SS5-01-01	0-1	ug/kg	< 19,300	< 19,300	< 19,300	< 19,300	**230,000**	< 19,300	< 19,300	**230,000**
3CR-MM3-SS5-02-01	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**19,500**	< 4,830	< 4,830	**19,500**
3CR-N9-L13-01-01	0-1	ug/kg	< 9,900	< 9,900	< 9,900	< 9,900	**168,000**	< 9,900	< 9,900	**168,000**
3CR-OO5-SS9-01-01	0-1	ug/kg	< 9,800	< 9,800	< 9,800	< 9,800	**167,000**	< 9,800	< 9,800	**167,000**
3CR-OO5-SS9-02-01	0-1	ug/kg	< 493	< 493	< 493	< 493	**7,240**	< 493	< 493	**7,240**
3CR-OO9-SS13-01-01	0-1	ug/kg	< 493	< 493	< 493	< 493	**7,350**	< 493	< 493	**7,350**
3CR-P10-N13-01-01	0-1	ug/kg	< 2,400	< 2,400	< 2,400	< 2,400	**24,400**	< 2,400	< 2,400	**24,400**
3CR-P10-N13-01-01-Dup	0-1	ug/kg	< 2,400	< 2,400	< 2,400	< 2,400	**25,300**	< 2,400	< 2,400	**25,300**
3CR-P10-N13-01-02	1-2	ug/kg	< 4,740	< 4,740	< 4,740	< 4,740	**22,900**	< 4,740	< 4,740	**22,900**
3CR-P10-N13-01-02 Dup	1-2	ug/kg	< 4,740	< 4,740	< 4,740	< 4,740	**20,700**	< 4,740	< 4,740	**20,700**
3CR-P10-N13-01-1/2	0-1/2	ug/kg	< 4,850	< 4,850	< 4,850	< 4,850	**19,400**	< 4,850	< 4,850	**19,400**
3CR-P10-N13-01-1/2 Dup	0-1/2	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	**20,400**	< 4,760	< 4,760	**20,400**
3CR-P1-M4-01-01	0-1	ug/kg	< 474	< 474	< 474	< 474	**7,280**	< 474	< 474	**7,280**
3CR-P1-M4-02-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**4,250**	< 476	< 476	**4,250**
3CR-P4-M7-01-01	0-1	ug/kg	< 488	< 488	< 488	< 488	**9,300**	< 488	< 488	**9,300**
3CR-P7-N10-01-01	0-1	ug/kg	< 2,410	< 2,410	< 2,410	< 2,410	**28,300**	< 2,410	**21,200**	**49,500**
3CR-P7-N10-01-02	1-2	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	**9,310**	< 4,950	< 4,950	**9,310**
3CR-P7-N10-01-1/2	0-1/2	ug/kg	< 4,850	< 4,850	< 4,850	< 4,850	**53,900**	< 4,850	**52,600**	**106,500**

Notes:

PCB - Polychlorinated biphenyls
ug/kg - microgram per kilogram
Dup - Duplicate

< - constituent not detected above the indicated value
Bold - indicates a detection
Analysis by EPA Method 8082

Table 16 Results of Concrete Core Samples for Polychlorinated Biphenyl Analysis, Fourth Floor, Carter Carburetor, St. Louis, Missouri

Polychlorinated Biphenyl (PCB) Aroclors			PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
Sample ID	Depth Range (inches)	Units								
4CR-A2-DD5-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**1,030**	< 476	< 476	**1,030**
4CR-AA10-DD13-01-01	0-1	ug/kg	< 495	< 495	< 495	< 495	**1,010**	< 495	< 495	**1,010**
4CR-AA5-DD10-01-01	0-1	ug/kg	< 483	< 483	< 483	< 483	**6,950**	< 483	< 483	**6,950**
4CR-D8-AA13-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**1,150**	< 481	< 481	**1,150**
4CR-DD10-HH13-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	< 476	< 476	< 476	--
4CR-DD2-HH5-01-01	0-1	ug/kg	< 488	< 488	< 488	< 488	< 488	< 488	< 488	--
4CR-E2-A8-01-01	0-1	ug/kg	< 97,500	< 97,500	< 97,500	< 97,500	**1,740,000**	< 97,500	< 97,500	**1,740,000**
4CR-EE5-HH10-01-01	0-1	ug/kg	< 483	< 483	< 483	< 483	**881**	< 483	< 483	**881**
4CR-H2-E7-01-01	0-1	ug/kg	< 483	< 483	< 483	< 483	< 483	**1,510**	< 483	**1,510**
4CR-H2-E7-01-01-Dup	0-1	ug/kg	< 488	< 488	< 488	< 488	< 488	**1,530**	< 488	**1,530**
4CR-H7-D13-01-01	0-1	ug/kg	< 485	< 485	< 485	< 485	< 485	< 485	< 485	--
4CR-HH10-NN13-01-01	0-1	ug/kg	< 476	< 476	< 476	< 476	**2,410**	< 476	< 476	**2,410**
4CR-HH4-NN7-01-01	0-1	ug/kg	< 483	< 483	< 483	< 483	**3,100**	< 483	< 483	**3,100**
4CR-KK7-NN10-01-01	0-1	ug/kg	< 490	< 490	< 490	< 490	< 490	< 490	< 490	--
4CR-MM3-SS6-01-01	0-1	ug/kg	< 478	< 478	< 478	< 478	**4,040**	< 478	< 478	**4,040**
4CR-NN10-SS13-01-01	0-1	ug/kg	< 483	< 483	< 483	< 483	< 483	< 483	< 483	--
4CR-NN10-SS13-01-01-Dup	0-1	ug/kg	< 481	< 481	< 481	< 481	< 481	< 481	< 481	--
4CR-OO6-SS10-01-01	0-1	ug/kg	< 493	< 493	< 493	< 493	< 493	**790**	< 493	**790**

Notes:

PCB - Polychlorinated biphenyls

ug/kg - microgram per kilogram

Dup - Duplicate

< - constituent not detected above the indicated value

Bold - indicates a detection

Analysis by EPA Method 8082

Table 17 All Results of Brick/Block Chip Samples for Polychlorinat iphenyl Analysis, Carter Carburetor, St. Louis, Missouri

Area	Sample ID	Depth Range (inches)	Units	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
				Polychlorinated Biphenyl (PCB) Aroclors							
First Floor	1BC-A5-AA5-01-E	0-1	ug/kg	< 478	< 478	< 478	< 478	**822**	< 478	< 478	**822**
	1BC-AA13-BB13-01-W	0-1	ug/kg	< 4,780	< 4,780	< 4,780	< 4,780	**8,470**	< 4,780	< 4,780	**8,470**
	1BC-DD5-EE5-01-E	0-1	ug/kg	< 4,780	< 4,780	< 4,780	< 4,780	**7,800**	< 4,780	< 4,780	**7,800**
	1BC-E10-E11-01-S	0-1	ug/kg	< 4,880	< 4,880	< 4,880	< 4,880	**56,300**	< 4,880	< 4,880	**56,300**
	1BC-E12-E13-01-N	0-1	ug/kg	< 481	< 481	< 481	< 481	**3,550**	< 481	< 481	**3,550**
	1BC-F13-E13-01-W	0-1	ug/kg	< 485	< 485	< 485	< 485	**1,210**	< 485	**1,410**	**2,620**
	1BC-H10-G10-01-W	0-1	ug/kg	< 4,850	< 4,850	< 4,850	< 4,850	**12,600**	< 4,850	< 4,850	**12,600**
	1BC-HH6-HH7-01-N	0-1	ug/kg	< 483	< 483	< 483	< 483	**3,110**	< 483	< 483	**3,110**
	1BC-J13-H13-01-W	0-1	ug/kg	< 4,850	< 4,850	< 4,850	< 4,850	**13,600**	< 4,850	< 4,850	**13,600**
	1BC-JJ4-KK4-01-E	0-1	ug/kg	< 485	< 485	< 485	< 485	**4,580**	< 485	< 485	**4,580**
	1BC-JJ4-KK4-01-E Dup	0-1	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	**13,300**	< 4,950	< 4,950	**13,300**
	1BC-K9-J9-01-E	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**23,400**	< 4,830	< 4,830	**23,400**
	1BC-M7-L7-01-E	0-1	ug/kg	< 483	< 483	< 483	< 483	**1,430**	< 483	< 483	**1,430**
	1BC-N13-M13-01-W	0-1	ug/kg	< 4,740	< 4,740	< 4,740	< 4,740	**35,500**	< 4,740	< 4,740	**35,500**
	1BC-N7-M7-01-E	0-1	ug/kg	< 488	< 488	< 488	< 488	**3,150**	< 488	< 488	**3,150**
	1BC-N7-M7-01-E Dup	0-1	ug/kg	< 4,930	< 4,930	< 4,930	< 4,930	**6,400**	< 4,930	< 4,930	**6,400**
	1BC-NN4-OO4-01-W	0-1	ug/kg	< 4,930	< 4,930	< 4,930	< 4,930	**8,950**	< 4,930	< 4,930	**8,950**
	1BC-NN8-OO8-01-E	0-1	ug/kg	< 493	< 493	< 493	< 493	**2,860**	< 493	< 493	**2,860**
	1BC-O9-N9-01-E	0-1	ug/kg	< 4,880	< 4,880	< 4,880	< 4,880	**14,400**	< 4,880	< 4,880	**14,400**
	1BC-P13-O13-01-W	0-1	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	**37,400**	< 4,760	< 4,760	**37,400**
	1BC-PP4-QQ4-01-E	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**72,800**	< 4,830	< 4,830	**72,800**
	1BC-PP5-PP6-01-S	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**13,100**	< 4,830	< 4,830	**13,100**
	1BC-PP6-PP7-01-S	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**10,200**	< 4,830	< 4,830	**10,200**
	1BC-QQ4-QQ5-01-S	0-1	ug/kg	< 48,500	< 48,500	< 48,500	< 48,500	**350,000**	< 48,500	< 48,500	**350,000**
	1BC-QQ4-SS4-01-E	0-1	ug/kg	< 4,900	< 4,900	< 4,900	< 4,900	**9,930**	< 4,900	< 4,900	**9,930**
	1BC-SS12-SS13-01-N	0-1	ug/kg	< 4,830	< 4,830	< 4,830	< 4,830	**8,530**	< 4,830	< 4,830	**8,530**
Second Floor	2BC-AA4-AA5-01-S	0-1	ug/kg	< 476	< 476	< 476	< 476	< 476	< 476	< 476	--
	2BC-DD4-DD5-01-N	0-1	ug/kg	< 495	< 495	< 495	< 495	< 495	< 495	< 495	--
	2BC-F13-E13-01-W	0-1	ug/kg	< 471	< 471	< 471	< 471	**2,820**	< 471	< 471	**2,820**
	2BC-H9-H10-01-S	0-1	ug/kg	< 483	< 483	< 483	< 483	**1,530**	< 483	< 483	**1,530**
	2BC-SS8-SS9-01-N	0-1	ug/kg	< 481	< 481	< 481	< 481	**2,010**	< 481	< 481	**2,010**
Third Floor	3BC-A4-AA4-01-W	0-1	ug/kg	< 476	< 476	< 476	< 476	< 476	< 476	< 476	--
	3BC-B13-A13-01-W	0-1	ug/kg	< 476	< 476	< 476	< 476	**907**	< 476	< 476	**907**
	3BC-H4-H5-01-S	0-1	ug/kg	< 481	< 481	< 481	< 481	**1,270**	< 481	< 481	**1,270**
	3BC-H4-H5-01-S Dup	0-1	ug/kg	< 471	< 471	< 471	< 471	**1,410**	< 471	< 471	**1,410**
	3BC-JJ13-KK13-01-W	0-1	ug/kg	< 476	< 476	< 476	< 476	**2,170**	< 476	< 476	**2,170**
	3BC-MM3-NN3-01-E	0-1	ug/kg	< 4,710	< 4,710	< 4,710	< 4,710	**11,600**	< 4,710	< 4,710	**11,600**
	3BC-N7-N8-01-N	0-1	ug/kg	< 490	< 490	< 490	< 490	**2,030**	< 490	< 490	**2,030**
	3BC-N9-M9-01-E	0-1	ug/kg	< 476	< 476	< 476	< 476	**4,120**	< 476	< 476	**4,120**
	3BC-NN6-NN7-01-N	0-1	ug/kg	< 961	< 961	< 961	< 961	**4,880**	< 961	< 961	**4,880**
	3BC-OO6-OO7-01-S	0-1	ug/kg	< 495	< 495	< 495	< 495	**1,740**	< 495	< 495	**1,740**

Notes:

PCB - Polychlorinated biphenyls

ug/kg - microgram per kilogram

Dup - Duplicate

< - constituent not detected above the indicated value

Bold - indicates a detection

Analysis by EPA Method 8082

Table 18 All Results of Wipe Samples for Polychlorinated Biphenyl Analysis, Carter Carburetor, St. Louis, Missouri

Area	Sample ID	Polychlorinated Biphenyl (PCB) Aroclors Units	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
Pump Room	0WP-E4-E5-01-S	ug/100 cm^2	< 2	< 2	< 2	< 2	22.6	< 2	33	55.6
	0WP-F10-E10-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	12.6	< 1	< 1	12.6
	0WP-H4-H5-01-S	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	1.4	1.4
First Floor	1WP-A13-AA13-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	2.2	< 1	1	3.2
	1WP-AA13-BB13-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	1WP-DD4-DD5-01-N	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	1WP-E11-D11-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	1.8	< 1	1.2	3
	1WP-EE4-FF4-01-E	ug/100 cm^2	< 1	< 1	< 1	< 1	4.6	< 1	< 1	4.6
	1WP-ELV01-01-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	4.3	< 1	< 1	4.3
	1WP-ELV02-01-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	5.5	< 1	< 1	5.5
	1WP-ELV02-01-01-01 Dup	ug/100 cm^2	< 1	< 1	< 1	< 1	5.7	< 1	< 1	5.7
	1WP-ELV03-01-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	3.8	< 1	< 1	3.8
	1WP-ELV04-01-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	2	< 1	< 1	2
	1WP-ELV05-01-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	10.3	< 1	< 1	10.3
	1WP-ELV06-01-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	3	< 1	< 1	3
	1WP-FF6-GG6-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	3.4	< 1	< 1	3.4
	1WP-HVAC-A5-AA6-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	7.2	< 1	5	12.2
	1WP-HVAC-H3-G4-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	4.3	< 1	2.4	6.7
	1WP-HVAC-J3-H4-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	5.2	< 1	< 1	5.2
	1WP-J7-H7-01-E	ug/100 cm^2	< 2	< 2	< 2	< 2	25.1	< 2	< 2	25.1
	1WP-K8-J8-01-W	ug/100 cm^2	< 20	< 20	< 20	< 20	256	< 20	86.7	342.7
	1WP-KK9-LL9-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	10.7	< 1	< 1	10.7
	1WP-MM8-NN8-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	1WP-NN13-OO13-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	4.5	< 1	< 1	4.5
	1WP-OO2-PP2-01-E	ug/100 cm^2	< 1	< 1	< 1	< 1	8.2	< 1	< 1	8.2
Second Floor	2WP-A12-AA12-01-E	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	2WP-EE9-EE10-01-S	ug/100 cm^2	< 1	< 1	< 1	< 1	3.4	< 1	< 1	3.4
	2WP-ELV01-02-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	2WP-ELV01-02-01-02 Dup	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	2WP-ELV02-02-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	2WP-ELV03-02-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	2WP-ELV04-02-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	1.1	< 1	< 1	1.1
	2WP-ELV05-02-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	1.6	< 1	< 1	1.6
	2WP-KK13-LL13-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	2WP-L9-K9-01-E	ug/100 cm^2	< 1	< 1	< 1	< 1	2.7	< 1	< 1	2.7
	2WP-SS12-SS13-01-N	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	1.6	1.6
Third Floor	3WP-AA1-BB1-01-E	ug/100 cm^2	< 1	< 1	< 1	< 1	4.8	< 1	< 1	4.8
	3WP-D5-D6-01-S	ug/100 cm^2	< 1	< 1	< 1	< 1	1.7	< 1	< 1	1.7
	3WP-D5-D6-01-S Dup	ug/100 cm^2	< 1	< 1	< 1	< 1	2.4	< 1	< 1	2.4
	3WP-E5-E6-01-N	ug/100 cm^2	< 1	< 1	< 1	< 1	4	< 1	1.6	5.6
	3WP-ELV01-03-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	1.5	< 1	< 1	1.5
	3WP-ELV02-03-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	1	< 1	< 1	1
	3WP-ELV03-03-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	1.6	< 1	< 1	1.6
	3WP-ELV04-03-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	3WP-G13-F13-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	3WP-J4-JS-01-N	ug/100 cm^2	< 1	< 1	< 1	< 1	2.3	< 1	< 1	2.3
	3WP-J9-H9-01-E	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	3WP-JJ10-KK10-01-S	ug/100 cm^2	< 1	< 1	< 1	< 1	1.3	< 1	< 1	1.3
	3WP-L7-K7-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	1.8	< 1	< 1	1.8
	3WP-MM3-NN3-01-E	ug/100 cm^2	< 1	< 1	< 1	< 1	4.5	< 1	< 1	4.5
	3WP-NN13-OO13-01-W	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	3WP-P10-P11-01-S	ug/100 cm^2	< 1	< 1	< 1	< 1	2.3	< 1	< 1	2.3

Table 18 All Results of Wipe Samples for Polychlorinated Biphenyl Analysis, Carter Carburetor, St. Louis, Missouri

Area	Sample ID	Polychlorinated Biphenyl (PCB) Aroclors Units	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
Fourth Floor	4WP-ELV01-04-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	**2.2**	< 1	< 1	**2.2**
	4WP-ELV02-04-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	**2.8**	< 1	< 1	**2.8**
	4WP-ELV03-04-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	**4.7**	< 1	< 1	**4.7**
	4WP-HVAC-L7-K8-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
Stairwells	5WP-ST01-12-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST01-23-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST01-34-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST02-12-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST02-23-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	**7.1**	< 1	< 1	**7.1**
	5WP-ST02-34-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST03-12-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST03-23-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST03-34-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST04-12-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST04-23-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST05-12-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	**3.8**	< 1	< 1	**3.8**
	5WP-ST05-23-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	**7.5**	< 1	**3.9**	**11.4**
	5WP-ST05-34-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST06-12-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST06-23-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--
	5WP-ST06-34-01-01	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--

Notes:

PCB - Polychlorinated biphenyls

ug/kg - microgram per kilogram

Dup - Duplicate

< - constituent not detected above the indicated value

Bold - indicates a detection

Analysis by EPA Method 8082

Table 19 Results of Sewer Sediment Samples for Polychlorinated Biphenyl Analysis, First Floor, Carter Carburetor, St. Louis, Missouri

Polychlorinated Biphenyl (PCB) Aroclors		PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB
Sample ID	Units								
1SW-D11-01-01	ug/kg	< 1,540,000	< 1,540,000	< 1,540,000	< 1,540,000	**1,840,000**	< 1,540,000	**50,100,000**	**51,940,000**
1SW-HH5-01-01	ug/kg	< 9,740	< 9,740	< 9,740	< 9,740	**53,600**	< 9,740	**111,000**	**164,600**
1SW-K7-01-01	ug/kg	< 6,330	< 6,330	< 6,330	< 6,330	**264,000**	< 6,330	**86,200**	**350,200**
1SW-NN5-01-01	ug/kg	< 4,790	< 4,790	< 4,790	< 4,790	**38,700**	< 4,790	< 4,790	**38,700**
1SW-NN5-01-01 Dup	ug/kg	< 5,210	< 5,210	< 5,210	< 5,210	**30,500**	< 5,210	< 5,210	**30,500**

Notes:

PCB - Polychlorinated biphenyls

ug/kg - microgram per kilogram

Dup - Duplicate

< - constituent not detected above the indicated value

Bold - indicates a detection

Analysis by EPA Method 8082

Table 20 Results of Relative Percent Difference of Concrete Sample Field Duplicates for Polychlorinated Biphenyl Analysis, Carter Carburetor, St. Louis, Missouri

				Polychlorinated Biphenyl (PCB) Aroclors								
Sample Type	Sample ID	Depth Range (Inches)	Units	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCB	Relative Percent Difference
Surface Soil	1SS-E8-D9-01-01	1	ug/kg	< 42.8	< 42.8	< 42.8	< 42.8	< 42.8	< 42.8	< 42.8	--	
	1SS-E8-D9-01-01-Dup	1	ug/kg	< 42.4	< 42.4	< 42.4	< 42.4	< 42.4	< 42.4	< 42.4	--	--
	1SS-JJ8-KK9-01-01	1	ug/kg	< 38.7	< 38.7	< 38.7	< 38.7	**132**	< 38.7	< 38.7	**132**	
	1SS-JJ8-KK9-01-01 Dup	1	ug/kg	< 46.5	< 46.5	< 46.5	< 46.5	**58.6**	< 46.5	< 46.5	**58.6**	77.0%
Concrete	0CR-F9-E10-01-01	0-1	ug/kg	< 9,850	< 9,850	< 9,850	< 9,850	**15,300**	< 9,850	< 9,850	**15,300**	
	0CR-F9-E10-01-01-Dup	0-1	ug/kg	< 9,660	< 9,660	< 9,660	< 9,660	**12,800**	< 9,660	< 9,660	**12,800**	17.8%
	1CR-B10-A13-01-01	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	**242,000**	< 48,300	< 48,300	**242,000**	
	1CR-B10-A13-01-01-Dup	0-1	ug/kg	< 48,300	< 48,300	< 48,300	< 48,300	**272,000**	< 48,300	< 48,300	**272,000**	11.7%
	1CR-C6-B9-01-01	0-1	ug/kg	< 9,660	< 9,660	< 9,660	< 9,660	**146,000**	< 9,660	< 9,660	**146,000**	
	1CR-C6-B9-01-01-Dup	0-1	ug/kg	< 9,800	< 9,800	< 9,800	< 9,800	**129,000**	< 9,800	< 9,800	**129,000**	12.4%
	1CR-D1-AA4-01-01	0-1	ug/kg	< 2,430	< 2,430	< 2,430	< 2,430	**17,600**	< 2,430	< 2,430	**17,600**	
	1CR-D1-AA4-01-01 Dup	0-1	ug/kg	< 2,360	< 2,360	< 2,360	< 2,360	**13,800**	< 2,360	< 2,360	**13,800**	24.2%
	1CR-DD9-GG10-01-1/2	0-1/2	ug/kg	< 4,780	< 4,780	< 4,780	< 4,780	**20,900**	< 4,780	< 4,780	**20,900**	
	1CR-DD9-GG10-01-1/2 Dup	0-1/2	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	**19,400**	< 4,950	< 4,950	**19,400**	7.4%
	1CR-F10-E13-02-01	0-1	ug/kg	< 47,800	< 47,800	< 47,800	< 47,800	**328,000**	< 47,800	< 47,800	**328,000**	
	1CR-F10-E13-02-01-Dup	0-1	ug/kg	< 48,800	< 48,800	< 48,800	< 48,800	**380,000**	< 48,800	< 48,800	**380,000**	14.7%
	1CR-GG9-LL13-01-01	0-1	ug/kg	< 24,100	< 24,100	< 24,100	< 24,100	**63,300**	< 24,100	< 24,100	**63,300**	
	1CR-GG9-LL13-01-01-Dup	0-1	ug/kg	< 24,500	< 24,500	< 24,500	< 24,500	**61,100**	< 24,500	< 24,500	**61,100**	3.5%
	1CR-M7-L9-02-01	0-1	ug/kg	< 24,500	< 24,500	< 24,500	< 24,500	**51,000**	< 24,500	< 24,500	**51,000**	
	1CR-M7-L9-02-01-Dup	0-1	ug/kg	< 24,500	< 24,500	< 24,500	< 24,500	**48,900**	< 24,500	< 24,500	**48,900**	4.2%
	1CR-P4-N7-02-01	0-1	ug/kg	< 488	< 488	< 488	< 488	**617**	< 488	< 488	**617**	
	1CR-P4-N7-02-01 DUP	0-1	ug/kg	< 488	< 488	< 488	< 488	< 488	< 488	< 488	--	200.0%
	2CR-EE5-HH9-01-01	0-1	ug/kg	< 481	< 481	< 481	< 481	**3,490**	< 481	< 481	**3,490**	
	2CR-EE5-HH9-01-01Dup	0-1	ug/kg	< 483	< 483	< 483	< 483	**3,990**	< 483	< 483	**3,990**	13.4%
	3CR-D1-A4-02-01	0-1	ug/kg	< 488	< 488	< 488	< 488	**4,430**	< 488	< 488	**4,430**	
	3CR-D1-A4-02-01 Dup	0-1	ug/kg	< 478	< 478	< 478	< 478	**4,070**	< 478	< 478	**4,070**	8.5%
	3CR-P10-N13-01-01	0-1	ug/kg	< 2,400	< 2,400	< 2,400	< 2,400	**24,400**	< 2,400	< 2,400	**24,400**	
	3CR-P10-N13-01-01-Dup	0-1	ug/kg	< 2,400	< 2,400	< 2,400	< 2,400	**25,300**	< 2,400	< 2,400	**25,300**	3.6%
	3CR-P10-N13-01-02	1-2	ug/kg	< 4,740	< 4,740	< 4,740	< 4,740	**22,900**	< 4,740	< 4,740	**22,900**	
	3CR-P10-N13-01-02 Dup	1-2	ug/kg	< 4,740	< 4,740	< 4,740	< 4,740	**20,700**	< 4,740	< 4,740	**20,700**	10.1%
	3CR-P10-N13-01-1/2	0-1/2	ug/kg	< 4,850	< 4,850	< 4,850	< 4,850	**19,400**	< 4,850	< 4,850	**19,400**	
	3CR-P10-N13-01-1/2 Dup	0-1/2	ug/kg	< 4,760	< 4,760	< 4,760	< 4,760	**20,400**	< 4,760	< 4,760	**20,400**	5.0%
	4CR-H2-E7-01-01	0-1	ug/kg	< 483	< 483	< 483	< 483	< 483	**1,510**	< 483	**1,510**	
	4CR-H2-E7-01-01-Dup	0-1	ug/kg	< 488	< 488	< 488	< 488	< 488	**1,530**	< 488	**1,530**	1.3%
	4CR-NN10-SS13-01-01	0-1	ug/kg	< 483	< 483	< 483	< 483	< 483	< 483	< 483	--	
	4CR-NN10-SS13-01-01-Dup	0-1	ug/kg	< 481	< 481	< 481	< 481	< 481	< 481	< 481	--	--
Brick	1BC-JJ4-KK4-01-E	0-1	ug/kg	< 485	< 485	< 485	< 485	**4,580**	< 485	< 485	**4,580**	
	1BC-JJ4-KK4-01-E Dup	0-1	ug/kg	< 4,950	< 4,950	< 4,950	< 4,950	**13,300**	< 4,950	< 4,950	**13,300**	97.5%
	1BC-N7-M7-01-E	0-1	ug/kg	< 488	< 488	< 488	< 488	**3,150**	< 488	< 488	**3,150**	
	1BC-N7-M7-01-E Dup	0-1	ug/kg	< 4,930	< 4,930	< 4,930	< 4,930	**6,400**	< 4,930	< 4,930	**6,400**	68.1%
	3BC-H4-H5-01-S	0-1	ug/kg	< 481	< 481	< 481	< 481	**1,270**	< 481	< 481	**1,270**	
	3BC-H4-H5-01-S Dup	0-1	ug/kg	< 471	< 471	< 471	< 471	**1,410**	< 471	< 471	**1,410**	10.4%
Wipes	1WP-ELV02-01-01-01	--	ug/100 cm^2	< 1	< 1	< 1	< 1	**5.5**	< 1	< 1	**5.5**	
	1WP-ELV02-01-01-01 Dup	--	ug/100 cm^2	< 1	< 1	< 1	< 1	**5.7**	< 1	< 1	**5.7**	3.6%
	2WP-ELV01-02-01-01	--	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--	
	2WP-ELV01-02-01-02 Dup	--	ug/100 cm^2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	--	--
	3WP-D5-D6-01-S	--	ug/100 cm^2	< 1	< 1	< 1	< 1	**1.7**	< 1	< 1	**1.7**	
	3WP-D5-D6-01-S Dup	--	ug/100 cm^2	< 1	< 1	< 1	< 1	**2.4**	< 1	< 1	**2.4**	34.1%
Sewer	1SW-NN5-01-01	--	ug/kg	< 4,790	< 4,790	< 4,790	< 4,790	**38,700**	< 4,790	< 4,790	**38,700**	
	1SW-NN5-01-01 Dup	--	ug/kg	< 5,210	< 5,210	< 5,210	< 5,210	**30,500**	< 5,210	< 5,210	**30,500**	23.7%

Notes:

PCB - Polychlorinated biphenyls
ug/kg - microgram per kilogram
ug/100 cm^2 - microgram per square meter
< - Constituent not detected above the indicated value
Dup - Duplicate
Bold - Indicates a detection
-- - Not applicable
Analysis by EPA Method 8082

Created by: LMS Approved by: ___
Date: 11/9/2006

Table 21 Results of Relative Percent Difference of Concrete Sample Field Duplicates for Volatile Organic Compound Analysis, Carter Carburetor, St. Louis, Missouri

Sample ID	1SS-E8-D9-01-13	1SS-E8-D9-01-13 Dup	Relative Percent Difference	1SS-JJ11-KK12-01-13	1SS-JJ11-KK12-01-13 Dup	Relative Percent Difference	1SS-JJ8-KK9-01-14	1SS-JJ8-KK9-01-14 Dup	Relative Percent Difference	TCE-03-7.5	TCE-03-7.5 Dup	Relative Percent Difference
Depth (feet)	13	13		13	13		14	14		7.5	7.5	
Units	ug/kg	ug/kg		ug/kg	ug/kg		ug/kg	ug/kg		ug/kg	ug/kg	
1,2,4-Trimethylbenzene	**3,760**	< 310	200.0%	< 6.2	< 6.3	--	**49.7**	**15.4**	105.4%	NA	NA	--
1,2-Dichloroethene (Total)	< 622	< 310	--	**26**	**51.1**	65.1%	**38.4**	< 6.4	200.0%	NA	NA	--
1,3,5-Trimethylbenzene	**11,800**	**498**	183.8%	< 6.2	< 6.3	--	< 29.7	< 6.4	--	NA	NA	--
Acetone	< 2,490	< 1,240	--	< 25	< 25.1	--	< 119	**70.9**	200.0%	NA	NA	--
Cis-1,2-Dichloroethene	< 622	< 310	--	**26**	**51.1**	65.1%	**38.4**	< 6.4	200.0%	< 3,300	< 6,180	--
Ethylbenzene	< 622	< 310	--	< 6.2	< 6.3	--	< 29.7	**19.9**	200.0%	NA	NA	--
Isopropyl Benzene	**5,110**	**1,230**	122.4%	< 6.2	< 6.3	--	**42.4**	**19.3**	74.9%	NA	NA	--
Naphthalene	**5,070**	**972**	135.7%	< 4.1	< 4.1	--	**71**	< 12.8	200.0%	NA	NA	--
N-Butylbenzene	**10,600**	**2,730**	118.1%	< 6.2	< 6.3	--	**160**	**42.8**	115.6%	NA	NA	--
N-Propylbenzene	**11,500**	**2,810**	121.5%	< 6.2	< 6.3	--	**76**	**29.8**	87.3%	NA	NA	--
P-Isopropyltoluene	**6,720**	**891**	153.2%	< 6.2	< 6.3	--	**48.5**	**13.3**	113.9%	NA	NA	--
Sec-Butylbenzene	**6,970**	**1,950**	112.6%	< 6.2	< 6.3	--	**93.9**	**34**	93.7%	NA	NA	--
Trichloroethene	< 622	< 310	--	**54.6**	**142**	88.9%	**700**	**70.6**	163.4%	**991,000**	**1,240,000**	22.3%
Trichlorofluoromethane	< 622	< 310	--	< 6.2	< 6.3	--	< 29.7	**10.4**	200.0%	NA	NA	--
Xylenes, Total	**669**	< 310	200.0%	< 6.2	< 6.3	--	**92.8**	**63.1**	38.1%	NA	NA	--

Notes:

ug/kg - microgram per kilogram

< - constituent not detected above the indicated value

NA - Not analyzed

Dup - Duplicate

Bold - indicates a detection

-- - Not applicable

Analysis by EPA Method 8260

Table 22 Results of Relative Percent Difference of Concrete Sample Field Duplicates for Semi-Volatile Organic Compound Analysis, Carter Carburetor, St. Louis, Missouri

Sample ID	1SS-E8-D9-01-13	1SS-E8-D9-01-13 Dup	Relative Percent Difference	1SS-JJ11-KK12-01-13	1SS-JJ11-KK12-01-13 Dup	Relative Percent Difference	1SS-JJ8-KK9-01-14	1SS-JJ8-KK9-01-14 Dup	Relative Percent Difference
Depth (feet)	13	13		13	13		14	14	
Units	ug/kg	ug/kg		ug/kg	ug/kg		ug/kg	ug/kg	
Anthracene	**4.4**	**6.4**	37.0%	< 4.1	< 4.1	--	< 4.2	**830**	200.0%
Benzo(a)Anthracene	**7.2**	**11**	41.8%	< 4.1	< 4.1	--	**276**	**867**	103.4%
Benzo(a)Pyrene	< 4.1	< 4.1	--	< 4.1	< 4.1	--	**226**	**591**	89.4%
Benzo(g,h,i)Perylene	< 4.1	< 4.1	--	< 4.1	< 4.1	--	**55.9**	**210**	115.9%
Benzo(k)Fluoranthene	< 4.1	< 4.1	--	< 4.1	< 4.1	--	**58.1**	< 41.4	200.0%
Chrysene	**5.8**	**12.4**	72.5%	< 4.1	< 4.1	--	**324**	**1010**	102.8%
Dibenzo(a,h)Anthracene	< 4.1	< 4.1	--	< 4.1	< 4.1	--	**20.6**	**143**	149.6%
Fluoranthene	**7.8**	**21.4**	93.2%	< 4.1	< 4.1	--	< 4.2	< 41.4	--
Indeno(1,2,3-cd)Pyrene	< 4.1	< 4.1	--	< 4.1	< 4.1	--	< 4.2	**58.3**	200.0%
Phenanthrene	**30.5**	**72.6**	81.7%	< 4.1	**4.9**	200.0%	< 4.2	**3080**	200.0%
Pyrene	**10.1**	**26.4**	89.3%	< 4.1	< 4.1	--	**642**	**2510**	118.5%

Notes:

ug/kg - microgram per kilogram

< - constituent not detected above the indicated value

Dup - Duplicate

Bold - indicates a detection

-- - Not applicable

Analysis by EPA Method 8270 by SIM

Table 23 Results of Relative Percent Difference of Concrete Sample Field Duplicates for Total RCRA Metal Analysis, Carter Carburetor, St. Louis, Missouri

Sample ID	1SS-E8-D9-01-13	1SS-E8-D9-01-13 Dup	Relative Percent Difference	1SS-JJ11-KK12-01-13	1SS-JJ11-KK12-01-13 Dup	Relative Percent Difference	1SS-JJ8-KK9-01-14	1SS-JJ8-KK9-01-14 Dup	Relative Percent Difference
Depth (feet)	13	13		13	13		14	14	
Units	mg/kg	mg/kg		mg/kg	mg/kg		mg/kg	mg/kg	
Arsenic	**4.3**	**3.6**	17.7%	**4.5**	**4.2**	6.9%	**2.9**	**4.1**	34.3%
Barium	**92.9**	**84.6**	9.4%	**94.8**	**90.3**	4.9%	**79.8**	**83.1**	4.1%
Cadmium	< 0.51	< 0.46	--	< 0.61	< 0.55	--	< 0.51	< 0.48	--
Chromium	**19.2**	**15.7**	20.1%	**16.8**	**15.9**	5.5%	**14.4**	**15.6**	8.0%
Lead	**8.4**	**8.4**	0.0%	**7.1**	**6.6**	7.3%	**6.3**	**6.5**	3.1%
Mercury	< 0.057	< 0.06	--	< 0.056	< 0.056	--	< 0.054	< 0.057	--
Selenium	< 1.5	< 1.4	--	< 1.8	< 1.6	--	< 1.5	< 1.4	--
Silver	< 0.71	< 0.65	--	< 0.86	< 0.77	--	< 0.72	< 0.67	--

Notes:

mg/kg - milligram per kilogram

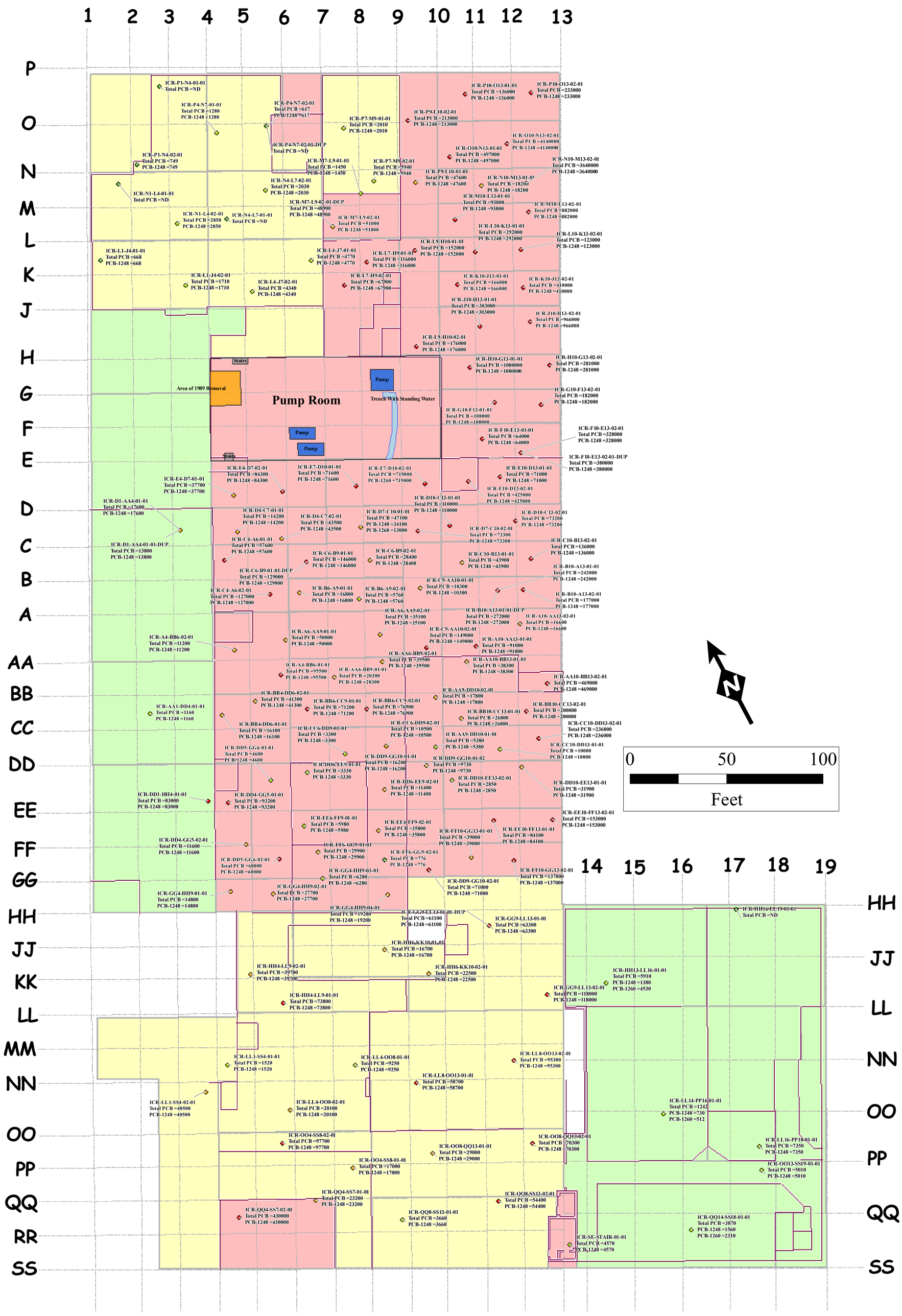
< - constituent not detected above the indicated value

Dup - Duplicate

Bold - indicates a detection

Analysis by EPA Method 6010

RCRA - Resource Conservation and Recovery Act



*Note: Brick chip samples collected surface to 1" depth.
PCB aroclors with no detections are not listed.

Legend

Total PCB ug/Kg

- <1,000
- 1,000 - <10,000
- 10,000 - <50,000
- >50,000

1st Floorplan

Grid Line

PCB Potential / Sample Area

- HIGH
- MEDIUM
- LOW

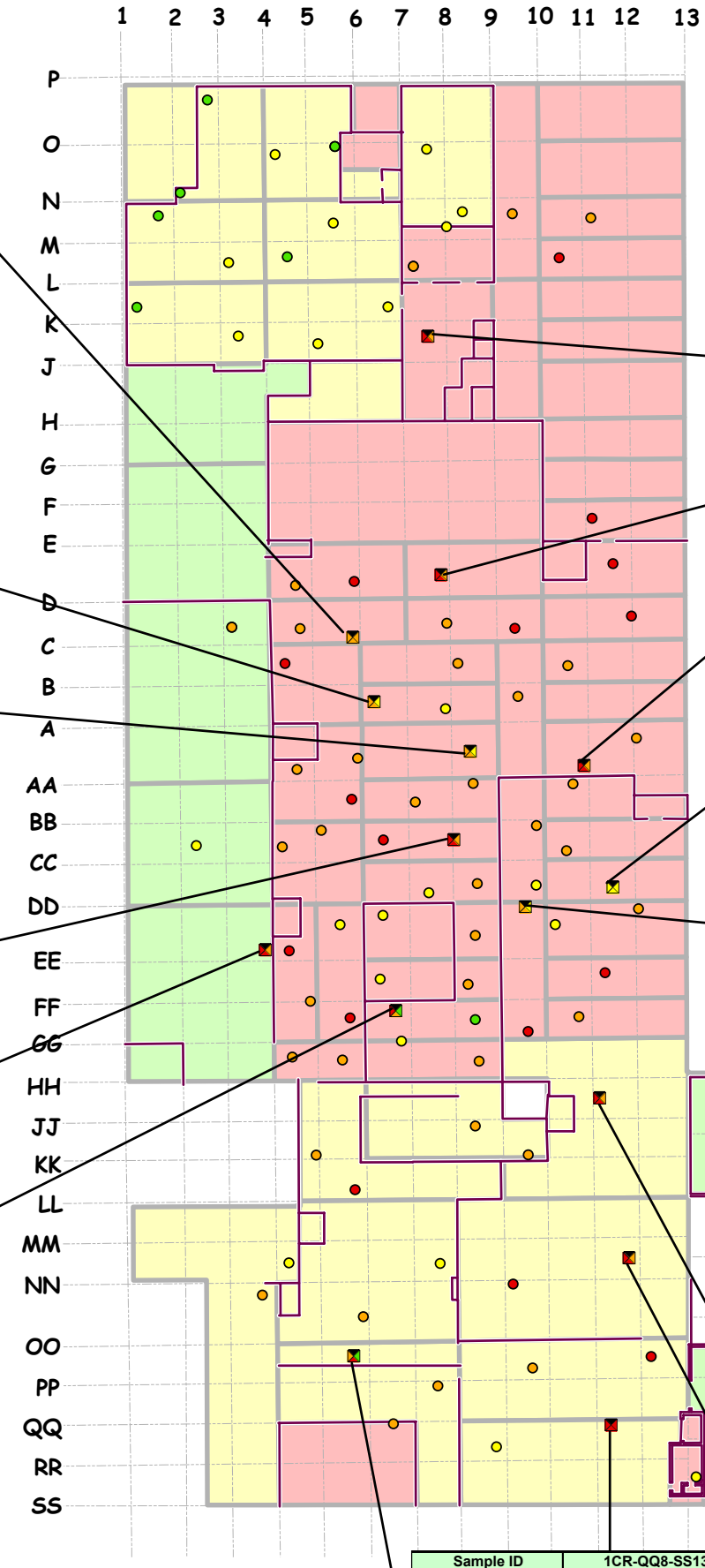
Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 1. Polychlorinated Biphenyl Laboratory Summary, 1st Floor Concrete Samples, Surface to One-Inch Depth, Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_E_Size_1st-floor-concrete-samples.mxd



Sample ID	1CR-D4-C7-02		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	26,200	84,300	12,900
Total PCB	26,200	84,300	12,900

Sample ID	1CR-L7-H9-02		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	89,100	67,900	11,700
Total PCB	89,100	67,900	11,700

Sample ID	1CR-B6-A9-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	19,600	16,800	9,180
Total PCB	19,600	16,800	9,180

Sample ID	1CR-E7-D10-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	74,200	71,600	23,200
Total PCB	74,200	71,600	23,200

Sample ID	1CR-A10-AA13-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	59,600	91,000	27,100
Total PCB	59,600	91,000	27,100

Sample ID	1CR-A6-AA9-02		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	20,200	35,100	2,900
Total PCB	20,200	35,100	2,900

Sample ID	1CR-CC10-DD13-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	17,000	10,000	1,550
Total PCB	17,000	10,000	1,550

Sample ID	1CR-BB6-CC9-02		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	53,400	76,900	46,000
Total PCB	53,400	76,900	46,000

Sample ID	1CR-DD9-GG10-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	20,900/19,400	16,200	9,730
Total PCB	20,900/19,400	16,200	9,730

Sample ID	1CR-DD1-HH4		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	72,000	83,000	43,500
Total PCB	72,000	83,000	43,500

Sample ID	1CR-FF6-GG9-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	94,900	29,900	567
Total PCB	94,900	29,900	567

Sample ID	1CR-QQ8-SS13-02		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	50,900	54,400	51,300
Total PCB	50,900	54,400	51,300

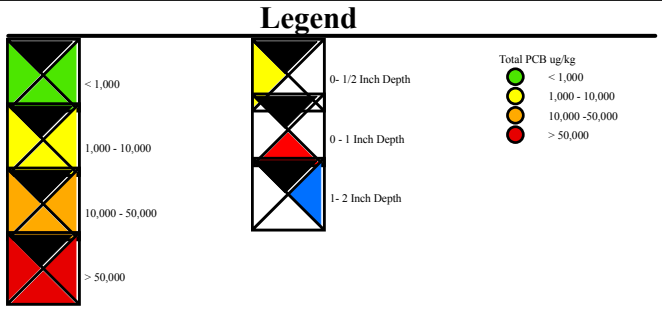
Sample ID	1CR-GG9-LL13-01		
Depth Range (in.)	0-1	1-2	0-1/2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	63,300/61,100	15,200	52,200
Total PCB	63,300/61,100	15,200	52,200

Sample ID	1CR-OO4-SS8-02		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	25,900	97,700	629
Total PCB	25,900	97,700	629

Sample ID	1CR-LL8-OO13-02		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	66,600	95,300	25,400
Total PCB	66,600	95,300	25,400

Note: PCB Aroclora with no detections are not listed

Legend



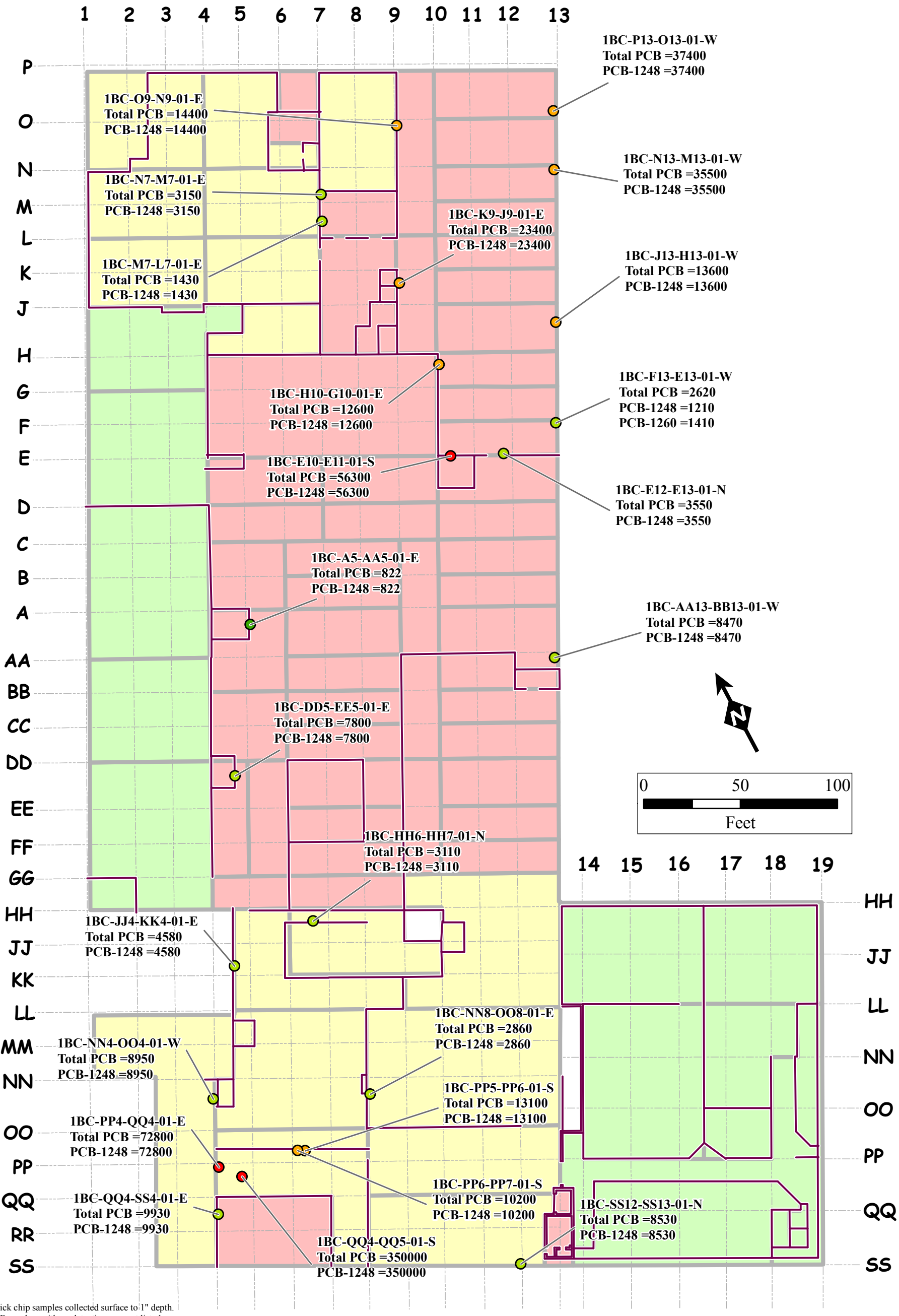
Drawn By: CCC Approved by: EMW

Checked By: BSM Date: October 26, 2006

MACTEC

Figure 2
Polychlorinated Biphenyls Detection Summary
1st Floor Concrete Samples
Depth Specific Analysis
Carter Carburetor Site,
St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061025_11x17_istfl_conc.mxd



*Note: Brick chip samples collected surface to 1" depth.
PCB aroclors with no detections are not listed.

Legend

Total PCB ug/Kg

- <1,000
- 1,000 - <10,000
- 10,000 - <50,000
- >50,000

1st Floorplan

Grid Line

PCB Potential / Sample Area

- HIGH
- MEDIUM
- LOW

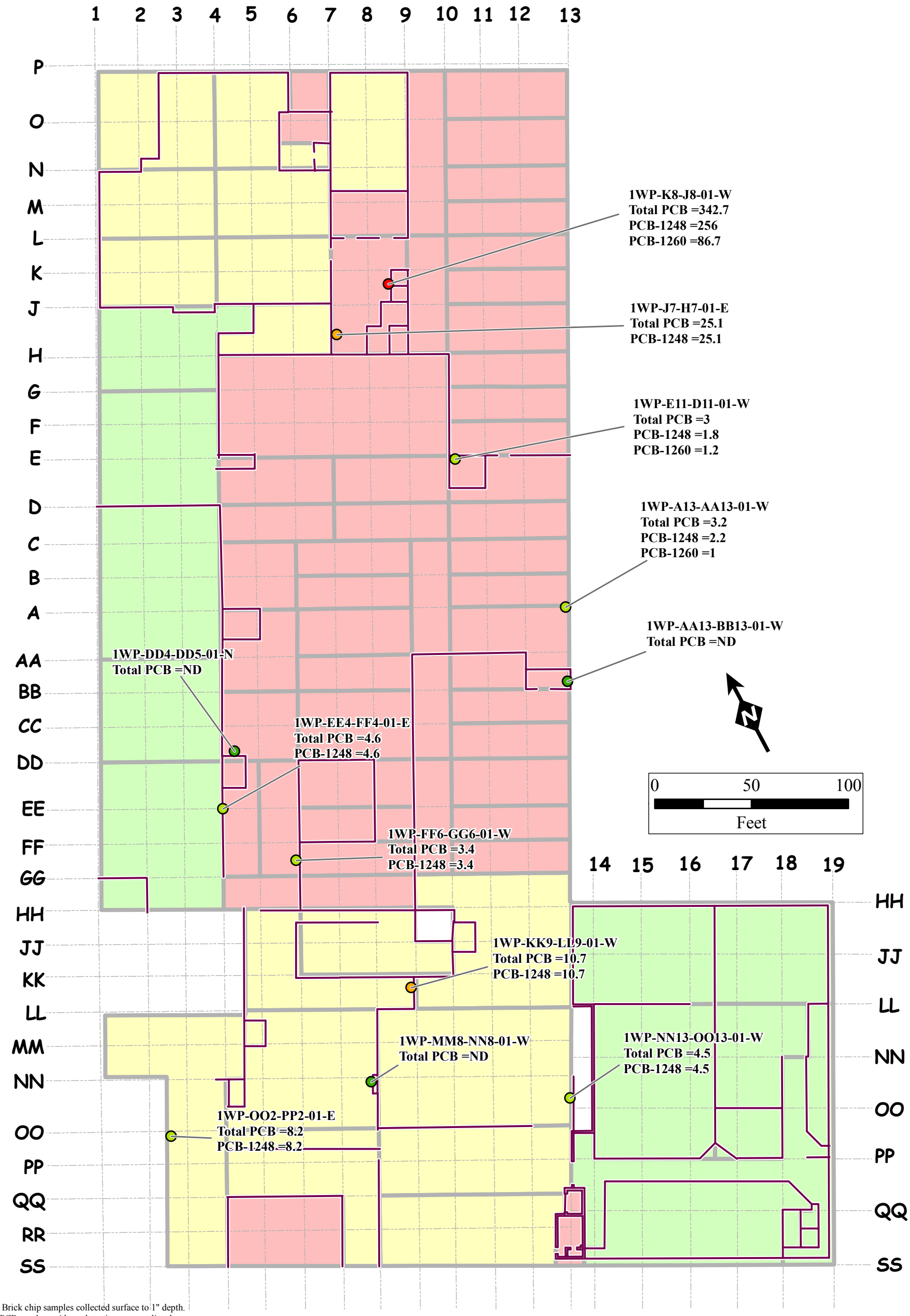
Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 3. Polychlorinated Biphenyl Laboratory Summary, 1st Floor Wall Samples, Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_11x17_1st-floor-samples.mxd



*Note: Brick chip samples collected surface to 1" depth.
PCB aroclors with no detections are not listed.

Legend

Total PCB ug/100 cm2

- 0.0 - <1.0
- 1.0 - <10.0
- 10.0 - <50.0
- >50.0

1st Floorplan

Grid Line

PCB Potential / Sample Area

- HIGH
- MEDIUM
- LOW

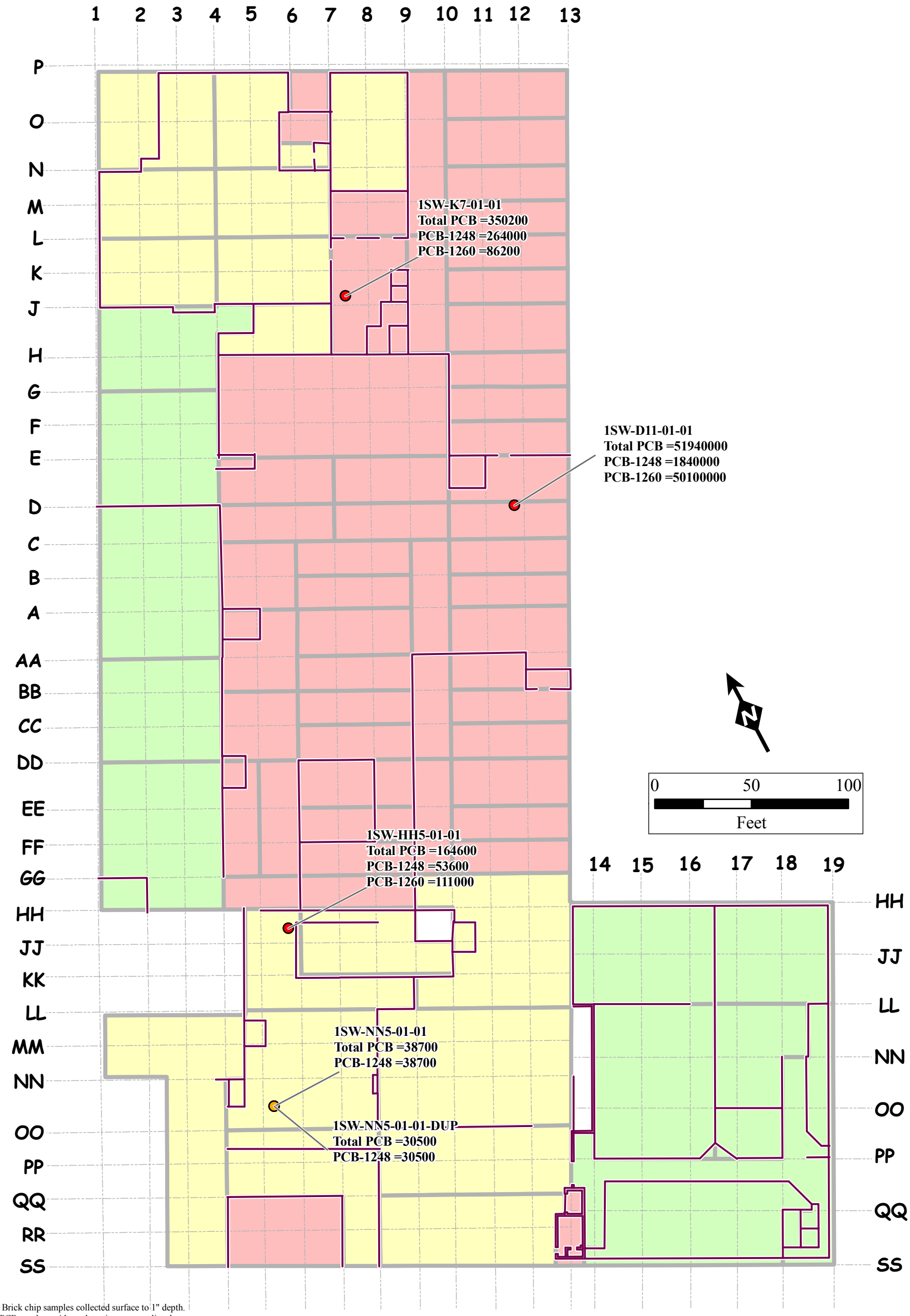
Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 4.
Polychlorinated Biphenyl Laboratory Summary
1st Floor Wipe Samples
Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_11x17_1st-floor-samples.mxd



*Note: Brick chip samples collected surface to 1" depth.
PCB aroclors with no detections are not listed.

Legend

Total PCB ug/Kg

- <1,000
- 1,000 - <10,000
- 10,000 - <50,000
- >50,000

1st Floorplan

Grid Line

PCB Potential / Sample Area

- HIGH
- MEDIUM
- LOW

Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 5.
Polychlorinated Biphenyl Laboratory Summary
1st Floor Storm Sewer Sediment Samples
Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_11x17_1st-floor-samples.mxd

Sample ID	1SS-O9-N10-01-13
Depth (ft.)	13
Units	ug/kg
1,2,4-Trimethylbenzene	< 4.9
1,2-Dichloroethene (Total)	129
1,3,5-Trimethylbenzene	< 4.9
Acetone	< 19.6
Cis-1,2-Dichloroethene	129
Ethylbenzene	< 4.9
Isopropyl Benzene	< 4.9
Methylene Chloride	< 4.9
Naphthalene	< 9.8
N-Butylbenzene	< 4.9
N-Propylbenzene	< 4.9
P-Isopropyltoluene	< 4.9
Sec-Butylbenzene	< 4.9
Tert-Butylbenzene	< 4.9
Trichloroethene	148
Xylenes, Total	< 4.9

Sample ID	1SS-O12-N13-01-12
Depth (ft.)	12
Units	ug/kg
1,2,4-Trimethylbenzene	< 5.1
1,2-Dichloroethene (Total)	10.5
1,3,5-Trimethylbenzene	< 5.1
Acetone	< 20.3
Cis-1,2-Dichloroethene	10.5
Ethylbenzene	< 5.1
Isopropyl Benzene	< 5.1
Methylene Chloride	< 5.1
Naphthalene	< 4.2
N-Butylbenzene	< 5.1
N-Propylbenzene	< 5.1
P-Isopropyltoluene	< 5.1
Sec-Butylbenzene	< 5.1
Tert-Butylbenzene	< 5.1
Trichloroethene	11.9
Xylenes, Total	< 5.1

Sample ID	1SS-J11-H12-01-13
Depth (ft.)	13
Units	ug/kg
1,2,4-Trimethylbenzene	< 5.1
1,2-Dichloroethene (Total)	< 5.1
1,3,5-Trimethylbenzene	< 5.1
Acetone	< 20.2
Cis-1,2-Dichloroethene	< 5.1
Ethylbenzene	< 5.1
Isopropyl Benzene	< 5.1
Methylene Chloride	< 5.1
Naphthalene	< 4.1
N-Butylbenzene	< 5.1
N-Propylbenzene	< 5.1
P-Isopropyltoluene	< 5.1
Sec-Butylbenzene	< 5.1
Tert-Butylbenzene	< 5.1
Trichloroethene	8.1
Xylenes, Total	< 5.1

Sample ID	1SS-H12-G13-01
Depth (ft.)	14
Units	ug/kg
1,2,4-Trimethylbenzene	< 5
1,2-Dichloroethene (Total)	< 5
1,3,5-Trimethylbenzene	< 5
Acetone	< 20.1
Cis-1,2-Dichloroethene	< 5
Ethylbenzene	< 5
Isopropyl Benzene	< 5
Methylene Chloride	< 5
Naphthalene	< 4.2
N-Butylbenzene	< 5
N-Propylbenzene	< 5
P-Isopropyltoluene	< 5
Sec-Butylbenzene	< 5
Tert-Butylbenzene	< 5
Trichloroethene	7.5
Xylenes, Total	< 5

Sample ID	1SS-G10-F11-01
Depth (ft.)	10
Units	ug/kg
1,2,4-Trimethylbenzene	< 313
1,2-Dichloroethene (Total)	< 313
1,3,5-Trimethylbenzene	< 313
Acetone	< 1,250
Cis-1,2-Dichloroethene	< 313
Ethylbenzene	< 313
Isopropyl Benzene	1,590
Methylene Chloride	< 313
Naphthalene	< 627
N-Butylbenzene	2,750
N-Propylbenzene	2,870
P-Isopropyltoluene	540
Sec-Butylbenzene	2,000
Tert-Butylbenzene	< 313
Trichloroethene	< 313
Xylenes, Total	< 313

Sample ID	1SS-M11-L12-01-13
Depth (ft.)	13
Units	ug/kg
1,2,4-Trimethylbenzene	< 5
1,2-Dichloroethene (Total)	< 5
1,3,5-Trimethylbenzene	< 5
Acetone	< 20
Cis-1,2-Dichloroethene	< 5
Ethylbenzene	< 5
Isopropyl Benzene	< 5
Methylene Chloride	< 5
Naphthalene	< 4.2
N-Butylbenzene	< 5
N-Propylbenzene	< 5
P-Isopropyltoluene	< 5
Sec-Butylbenzene	< 5
Tert-Butylbenzene	< 5
Trichloroethene	< 5
Xylenes, Total	< 5

Sample ID	1SS-L12-J13-01-13
Depth (ft.)	13
Units	ug/kg
1,2,4-Trimethylbenzene	< 5.1
1,2-Dichloroethene (Total)	< 5.1
1,3,5-Trimethylbenzene	< 5.1
Acetone	< 20.4
Cis-1,2-Dichloroethene	< 5.1
Ethylbenzene	< 5.1
Isopropyl Benzene	< 5.1
Methylene Chloride	< 5.1
Naphthalene	< 4.1
N-Butylbenzene	< 5.1
N-Propylbenzene	< 5.1
P-Isopropyltoluene	< 5.1
Sec-Butylbenzene	< 5.1
Tert-Butylbenzene	< 5.1
Trichloroethene	6.7
Xylenes, Total	< 5.1

Sample ID	1SS-E11-D12-01
Depth (ft.)	14
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.1
1,2-Dichloroethene (Total)	< 6.1
1,3,5-Trimethylbenzene	< 6.1
Acetone	< 24.6
Cis-1,2-Dichloroethene	< 6.1
Ethylbenzene	< 6.1
Isopropyl Benzene	< 6.1
Methylene Chloride	9.5
Naphthalene	< 4.1
N-Butylbenzene	< 6.1
N-Propylbenzene	< 6.1
P-Isopropyltoluene	< 6.1
Sec-Butylbenzene	< 6.1
Tert-Butylbenzene	< 6.1
Trichloroethene	< 6.1
Xylenes, Total	< 6.1

Sample ID	1SS-F12-E13-01
Depth (ft.)	14
Units	ug/kg
1,2,4-Trimethylbenzene	< 5
1,2-Dichloroethene (Total)	< 5
1,3,5-Trimethylbenzene	< 5
Acetone	< 20
Cis-1,2-Dichloroethene	< 5
Ethylbenzene	< 5
Isopropyl Benzene	< 5
Methylene Chloride	< 5
Naphthalene	< 4.1
N-Butylbenzene	< 5
N-Propylbenzene	< 5
P-Isopropyltoluene	< 5
Sec-Butylbenzene	< 5
Tert-Butylbenzene	< 5
Trichloroethene	12.9
Xylenes, Total	< 5

Sample ID	1SS-C12-B13-01
Depth (ft.)	14
Units	ug/kg
1,2,4-Trimethylbenzene	< 6
1,2-Dichloroethene (Total)	13.8
1,3,5-Trimethylbenzene	< 6
Acetone	< 24.1
Cis-1,2-Dichloroethene	13.8
Ethylbenzene	< 6
Isopropyl Benzene	20.1
Methylene Chloride	< 6
Naphthalene	< 12
N-Butylbenzene	22
N-Propylbenzene	15.6
P-Isopropyltoluene	< 6
Sec-Butylbenzene	51.4
Tert-Butylbenzene	< 6
Trichloroethene	266
Xylenes, Total	< 6

Sample ID	1SS-L5-K6-01-13
Depth (ft.)	13
Units	ug/kg
1,2,4-Trimethylbenzene	< 314
1,2-Dichloroethene (Total)	< 314
1,3,5-Trimethylbenzene	< 314
Acetone	< 1,260
Cis-1,2-Dichloroethene	< 314
Ethylbenzene	< 314
Isopropyl Benzene	577
Methylene Chloride	< 314
Naphthalene	859
N-Butylbenzene	976
N-Propylbenzene	933
P-Isopropyltoluene	378
Sec-Butylbenzene	625
Tert-Butylbenzene	< 314
Trichloroethene	< 314
Xylenes, Total	< 314

Sample ID	1SS-K9-J10-01-13
Depth (ft.)	13
Units	ug/kg
1,2,4-Trimethylbenzene	< 5
1,2-Dichloroethene (Total)	< 5
1,3,5-Trimethylbenzene	< 5
Acetone	< 20
Cis-1,2-Dichloroethene	< 5
Ethylbenzene	< 5
Isopropyl Benzene	< 5
Methylene Chloride	< 5
Naphthalene	< 10
N-Butylbenzene	< 5
N-Propylbenzene	< 5
P-Isopropyltoluene	< 5
Sec-Butylbenzene	< 5
Tert-Butylbenzene	< 5
Trichloroethene	15
Xylenes, Total	< 5

Sample ID	1SS-C9-B10-01
Depth (ft.)	14
Units	ug/kg
1,2,4-Trimethylbenzene	< 314
1,2-Dichloroethene (Total)	< 314
1,3,5-Trimethylbenzene	< 314
Acetone	< 1,260
Cis-1,2-Dichloroethene	< 314
Ethylbenzene	< 314
Isopropyl Benzene	< 314
Methylene Chloride	< 314
Naphthalene	< 628
N-Butylbenzene	463
N-Propylbenzene	< 314
P-Isopropyltoluene	< 314
Sec-Butylbenzene	381
Tert-Butylbenzene	< 314
Trichloroethene	315
Xylenes, Total	< 314

Sample ID	1SS-K3-J4-01-12
Depth (ft.)	12
Units	ug/kg
1,2,4-Trimethylbenzene	< 634
1,2-Dichloroethene (Total)	< 634
1,3,5-Trimethylbenzene	1,440
Acetone	< 2,530
Cis-1,2-Dichloroethene	< 634
Ethylbenzene	< 634
Isopropyl Benzene	5710
Methylene Chloride	< 634
Naphthalene	8,990
N-Butylbenzene	6,120
N-Propylbenzene	9,280
P-Isopropyltoluene	4,160
Sec-Butylbenzene	3,060
Tert-Butylbenzene	< 634
Trichloroethene	1,300
Xylenes, Total	< 634

Sample ID	1SS-K6-J7-01-14.5
Depth (ft.)	14.5
Units	ug/kg
1,2,4-Trimethylbenzene	< 311
1,2-Dichloroethene (Total)	< 311
1,3,5-Trimethylbenzene	689
Acetone	< 1,240
Cis-1,2-Dichloroethene	< 311
Ethylbenzene	< 311
Isopropyl Benzene	1,360
Methylene Chloride	< 311
Naphthalene	3,210
N-Butylbenzene	2,280
N-Propylbenzene	2,400
P-Isopropyltoluene	1,090
Sec-Butylbenzene	994
Tert-Butylbenzene	< 311
Trichloroethene	553
Xylenes, Total	< 311

Sample ID	1SS-E8-D9-01
Depth (ft.)	13
Units	ug/kg
1,2,4-Trimethylbenzene	3760/< 310
1,2-Dichloroethene (Total)	< 622/< 310
1,3,5-Trimethylbenzene	24
Acetone	< 2,490/< 1240
Cis-1,2-Dichloroethene	< 622
Ethylbenzene	< 622/< 310
Isopropyl Benzene	5,110/1,230
Methylene Chloride	< 622/< 310
Naphthalene	5,070/972
N-Butylbenzene	10,600/2,730
N-Propylbenzene	11,500/2,810
P-Isopropyltoluene	6,720/891
Sec-Butylbenzene	6,970/1,950
Tert-Butylbenzene	< 622/< 310
Trichloroethene	< 622/< 310
Xylenes, Total	669/< 310

Sample ID	1SS-CC12-DD13-01
Depth (ft.)	1
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.4
1,2-Dichloroethene (Total)	171
1,3,5-Trimethylbenzene	< 6.4
Acetone	< 25.4
Cis-1,2-Dichloroethene	171
Ethylbenzene	< 6.4
Isopropyl Benzene	< 6.4
Methylene Chloride	< 6.4
Naphthalene	< 4.1
N-Butylbenzene	< 6.4
N-Propylbenzene	< 6.4
P-Isopropyltoluene	< 6.4
Sec-Butylbenzene	< 6.4
Tert-Butylbenzene	< 6.4
Trichloroethene	< 6.4
Xylenes, Total	< 6.4

Sample ID	1SS-A10-AA11
Depth (ft.)	13
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.2
1,2-Dichloroethene (Total)	< 6.2
1,3,5-Trimethylbenzene	< 6.2
Acetone	< 24.9
Cis-1,2-Dichloroethene	< 6.2
Ethylbenzene	< 6.2
Isopropyl Benzene	71.9
Methylene Chloride	8.3
Naphthalene	< 4.1
N-Butylbenzene	< 6.2
N-Propylbenzene	< 6.2
P-Isopropyltoluene	< 6.2
Sec-Butylbenzene	189
Tert-Butylbenzene	45.6
Trichloroethene	60.7
Xylenes, Total	< 6.2

Sample ID	1SS-A1-AA2-01
Depth (ft.)	5
Units	ug/kg
1,2,4-Trimethylbenzene	< 5.5
1,2-Dichloroethene (Total)	5.7
1,3,5-Trimethylbenzene	< 5.5
Acetone	< 21.9
Cis-1,2-Dichloroethene	5.7
Ethylbenzene	< 5.5
Isopropyl Benzene	< 5.5
Methylene Chloride	12.6
Naphthalene	< 3.6
N-Butylbenzene	< 5.5
N-Propylbenzene	< 5.5
P-Isopropyltoluene	< 5.5
Sec-Butylbenzene	< 5.5
Tert-Butylbenzene	< 5.5
Trichloroethene	116
Xylenes, Total	< 5.5

Sample ID	1SS-E5-D6-01
Depth (ft.)	13
Units	ug/kg
1,2,4-Trimethylbenzene	< 303
1,2-Dichloroethene (Total)	< 303
1,3,5-Trimethylbenzene	< 303
Acetone	< 1,210
Cis-1,2-Dichloroethene	< 303
Ethylbenzene	< 303
Isopropyl Benzene	1,670
Methylene Chloride	< 303
Naphthalene	< 606
N-Butylbenzene	2,730
N-Propylbenzene	2,770
P-Isopropyltoluene	< 303
Sec-Butylbenzene	5,940
Tert-Butylbenzene	350
Trichloroethene	310
Xylenes, Total	< 303

Sample ID	1SS-DD8-EE9-01
Depth (ft.)	14
Units	ug/kg
1,2,4-Trimethylbenzene	8
1,2-Dichloroethene (Total)	< 6.2
1,3,5-Trimethylbenzene	< 6.2
Acetone	65.1
Cis-1,2-Dichloroethene	< 6.2
Ethylbenzene	< 6.2
Isopropyl Benzene	< 6.2
Methylene Chloride	6.5
Naphthalene	< 12.4
N-Butylbenzene	< 6.2
N-Propylbenzene	< 6.2
P-Isopropyltoluene	< 6.2
Sec-Butylbenzene	< 6.2
Tert-Butylbenzene	< 6.2
Trichloroethene	49.5
Xylenes, Total	< 6.2

Sample ID	1SS-D6-C7-01
Depth (ft.)	14.5
Units	ug/kg
1,2,4-Trimethylbenzene	< 1,250
1,2-Dichloroethene (Total)	< 1,250
1,3,5-Trimethylbenzene	< 1,250
Acetone	< 5,010
Cis-1,2-Dichloroethene	< 1,250
Ethylbenzene	< 1,250
Isopropyl Benzene	8,080
Methylene Chloride	< 1,250
Naphthalene	< 2,510
N-Butylbenzene	25,800
N-Propylbenzene	24,500
P-Isopropyltoluene	2,830
Sec-Butylbenzene	17,600
Tert-Butylbenzene	1,330
Trichloroethene	< 1,250
Xylenes, Total	< 1,250

Sample ID	1SS-FF5-GG6-01
Depth (ft.)	12
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.3
1,2-Dichloroethene (Total)	< 6.3
1,3,5-Trimethylbenzene	< 6.3
Acetone	41.3
Cis-1,2-Dichloroethene	< 6.3
Ethylbenzene	< 6.3
Isopropyl Benzene	< 6.3
Methylene Chloride	6.7
Naphthalene	< 4.2
N-Butylbenzene	< 6.3
N-Propylbenzene	< 6.3
P-Isopropyltoluene	< 6.3
Sec-Butylbenzene	< 6.3
Tert-Butylbenzene	< 6.3
Trichloroethene	10.7
Xylenes, Total	< 6.3

Sample ID	1SS-OO10-PP11-01-12
Depth (ft.)	12
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.1
1,2-Dichloroethene (Total)	58.6
1,3,5-Trimethylbenzene	< 6.1
Acetone	< 24.2
Cis-1,2-Dichloroethene	58.6
Ethylbenzene	< 6.1
Isopropyl Benzene	< 6.1
Methylene Chloride	< 6.1
Naphthalene	< 4.1
N-Butylbenzene	< 6.1
N-Propylbenzene	< 6.1
P-Isopropyltoluene	< 6.1
Sec-Butylbenzene	< 6.1
Tert-Butylbenzene	< 6.1
Trichloroethene	90.4
Xylenes, Total	< 6.1

Sample ID	1SS-JJ11-KK12-01
Depth (ft.)	13
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.2/< 6.3
1,2-Dichloroethene (Total)	26/51.1
1,3,5-Trimethylbenzene	< 6.2< 6.3
Acetone	< 25/< 25.1
Cis-1,2-Dichloroethene	26
Ethylbenzene	< 6.2/< 6.3
Isopropyl Benzene	< 6.2/< 6.3
Methylene Chloride	< 6.2/< 6.3
Naphthalene	< 4.1/< 4.1
N-Butylbenzene	< 6.2/< 6.3
N-Propylbenzene	< 6.2/< 6.3
P-Isopropyltoluene	< 6.2/< 6.3
Sec-Butylbenzene	< 6.2/< 6.3
Tert-Butylbenzene	< 6.2/< 6.3
Trichloroethene	54.6/142
Xylenes, Total	< 6.2/< 6.3

Sample ID	1SS-A7-AA8-01
Depth (ft.)	14
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.2
1,2-Dichloroethene (Total)	36.3
1,3,5-Trimethylbenzene	< 6.2
Acetone	< 24.8
Cis-1,2-Dichloroethene	36.3
Ethylbenzene	< 6.2
Isopropyl Benzene	< 6.2
Methylene Chloride	7.8
Naphthalene	< 4.1
N-Butylbenzene	< 6.2
N-Propylbenzene	< 6.2
P-Isopropyltoluene	< 6.2
Sec-Butylbenzene	< 6.2
Tert-Butylbenzene	< 6.2
Trichloroethene	107
Xylenes, Total	< 6.2

Sample ID	1SS-HH5-KK6-01
Depth (ft.)	12
Units	ug/kg
1,2,4-Trimethylbenzene	< 7.6
1,2-Dichloroethene (Total)	17.1
1,3,5-Trimethylbenzene	< 7.6
Acetone	119
Cis-1,2-Dichloroethene	17.1
Ethylbenzene	< 7.6
Isopropyl Benzene	< 7.6
Methylene Chloride	< 7.6
Naphthalene	< 5
N-Butylbenzene	< 7.6
N-Propylbenzene	< 7.6
P-Isopropyltoluene	< 7.6
Sec-Butylbenzene	< 7.6
Tert-Butylbenzene	< 7.6
Trichloroethene	286
Xylenes, Total	< 7.6

Sample ID	1SS-MM6-NN7-01-12
Depth (ft.)	12
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.2
1,2-Dichloroethene (Total)	< 6.2
1,3,5-Trimethylbenzene	< 6.2
Acetone	< 24.9
Cis-1,2-Dichloroethene	< 6.2
Ethylbenzene	< 6.2
Isopropyl Benzene	< 6.2
Methylene Chloride	< 6.2
Naphthalene	< 4.1
N-Butylbenzene	< 6.2
N-Propylbenzene	< 6.2
P-Isopropyltoluene	< 6.2
Sec-Butylbenzene	< 6.2
Tert-Butylbenzene	< 6.2
Trichloroethene	43.9
Xylenes, Total	< 6.2

Sample ID	1SS-KK7-LL8-01-14
Depth (ft.)	14
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.3
1,2-Dichloroethene (Total)	18.9
1,3,5-Trimethylbenzene	< 6.3
Acetone	< 25.2
Cis-1,2-Dichloroethene	18.9
Ethylbenzene	< 6.3
Isopropyl Benzene	< 6.3
Methylene Chloride	< 6.3
Naphthalene	< 4.2
N-Butylbenzene	< 6.3
N-Propylbenzene	< 6.3
P-Isopropyltoluene	< 6.3
Sec-Butylbenzene	< 6.3
Tert-Butylbenzene	< 6.3
Trichloroethene	50.2
Xylenes, Total	< 6.3

Sample ID	1SS-LL10-MM11-01-12
Depth (ft.)	12
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.1
1,2-Dichloroethene (Total)	105
1,3,5-Trimethylbenzene	< 6.1
Acetone	< 24.5
Cis-1,2-Dichloroethene	105
Ethylbenzene	< 6.1
Isopropyl Benzene	< 6.1
Methylene Chloride	< 6.1
Naphthalene	< 4.1
N-Butylbenzene	< 6.1
N-Propylbenzene	< 6.1
P-Isopropyltoluene	< 6.1
Sec-Butylbenzene	< 6.1
Tert-Butylbenzene	< 6.1
Trichloroethene	167
Xylenes, Total	< 6.1

Legend

- Soil Boring Location

PCB Potential / Sample Area

- HIGH
- MEDIUM
- LOW

Note: Highlight Indicated Detection

Drawn By: CCC Approved by: EMW

Checked By: BSM Date: October 26, 2006

MACTEC

Figure 6
Volatile Organic Compound Detection Summary
1st Floor Soil Samples
Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061026_11x17_1stfl_soil-VOC.mxd

Sample ID	1SS-O9-N10-01
Depth (ft.)	13
Units	ug/kg
Acenaphthene	< 4.2
Acenaphthylene	< 4.2
Anthracene	< 4.2
Benzo(a)Anthracene	5.9
Benzo(a)Pyrene	< 4.2
Benzo(b)Fluoranthene	6.7
Benzo(g,h,i)Perylene	< 4.2
Benzo(k)Fluoranthene	< 4.2
Chrysene	< 4.2
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	< 4.2
Fluorene	< 4.2
Indeno(1,2,3-cd)Pyrene	< 4.2
Phenanthrene	5.3
Pyrene	< 4.2

Sample ID	1SS-O12-N13-01
Depth (ft.)	12
Units	ug/kg
Acenaphthene	< 4.2
Acenaphthylene	< 4.2
Anthracene	< 4.2
Benzo(a)Anthracene	5.7
Benzo(a)Pyrene	< 4.2
Benzo(b)Fluoranthene	5.9
Benzo(g,h,i)Perylene	< 4.2
Benzo(k)Fluoranthene	< 4.2
Chrysene	< 4.2
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	< 4.2
Fluorene	< 4.2
Indeno(1,2,3-cd)Pyrene	< 4.2
Phenanthrene	< 4.2
Pyrene	< 4.2

Sample ID	1SS-J11-H12-01
Depth (ft.)	13
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	< 4.1
Pyrene	< 4.1

Sample ID	1SS-H12-G13-01
Depth (ft.)	14
Units	ug/kg
Acenaphthene	< 4.2
Acenaphthylene	< 4.2
Anthracene	< 4.2
Benzo(a)Anthracene	< 4.2
Benzo(a)Pyrene	< 4.2
Benzo(b)Fluoranthene	< 4.2
Benzo(g,h,i)Perylene	< 4.2
Benzo(k)Fluoranthene	< 4.2
Chrysene	< 4.2
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	< 4.2
Fluorene	< 4.2
Indeno(1,2,3-cd)Pyrene	< 4.2
Phenanthrene	4.4
Pyrene	< 4.2

Sample ID	1SS-L5-K6-01
Depth (ft.)	13
Units	ug/kg
Acenaphthene	< 4.2
Acenaphthylene	< 4.2
Anthracene	165
Benzo(a)Anthracene	< 4.2
Benzo(a)Pyrene	200
Benzo(b)Fluoranthene	< 4.2
Benzo(g,h,i)Perylene	38
Benzo(k)Fluoranthene	62.6
Chrysene	< 4.2
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	< 4.2
Fluorene	81
Indeno(1,2,3-cd)Pyrene	9.2
Phenanthrene	717
Pyrene	1370

Sample ID	1SS-M11-L12-01
Depth (ft.)	13
Units	ug/kg
Acenaphthene	< 4.2
Acenaphthylene	< 4.2
Anthracene	< 4.2
Benzo(a)Anthracene	< 4.2
Benzo(a)Pyrene	< 4.2
Benzo(b)Fluoranthene	6.7
Benzo(g,h,i)Perylene	< 4.2
Benzo(k)Fluoranthene	< 4.2
Chrysene	< 4.2
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	< 4.2
Fluorene	< 4.2
Indeno(1,2,3-cd)Pyrene	< 4.2
Phenanthrene	5.2
Pyrene	< 4.2

Sample ID	1SS-L12-J13-01
Depth (ft.)	13
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	< 4.1
Pyrene	< 4.1

Sample ID	1SS-F12-E13-01
Depth (ft.)	14
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	4.6
Pyrene	< 4.1

Sample ID	1SS-G10-F11-01
Depth (ft.)	10
Units	ug/kg
Acenaphthene	35.3
Acenaphthylene	< 4.2
Anthracene	48
Benzo(a)Anthracene	45.2
Benzo(a)Pyrene	< 4.2
Benzo(b)Fluoranthene	< 4.2
Benzo(g,h,i)Perylene	< 4.2
Benzo(k)Fluoranthene	23.6
Chrysene	59.2
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	108
Fluorene	29.1
Indeno(1,2,3-cd)Pyrene	< 4.2
Phenanthrene	170
Pyrene	112

Sample ID	1SS-K3-J4-01
Depth (ft.)	12
Units	ug/kg
Acenaphthene	< 4.2
Acenaphthylene	< 4.2
Anthracene	539
Benzo(a)Anthracene	< 4.2
Benzo(a)Pyrene	1110
Benzo(b)Fluoranthene	< 4.2
Benzo(g,h,i)Perylene	191
Benzo(k)Fluoranthene	< 4.2
Chrysene	< 4.2
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	< 4.2
Fluorene	327
Indeno(1,2,3-cd)Pyrene	39.9
Phenanthrene	6920
Pyrene	5230

Sample ID	1SS-E11-D12-01
Depth (ft.)	14
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	5.5
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	5.8
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	6.7
Pyrene	< 4.1

Sample ID	1SS-C9-B10-01
Depth (ft.)	14
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	9.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	8.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	139
Pyrene	17.5

Sample ID	1SS-K6-J7-01
Depth (ft.)	14.5
Units	ug/kg
Acenaphthene	< 41.1
Acenaphthylene	< 41.1
Anthracene	2030
Benzo(a)Anthracene	1760
Benzo(a)Pyrene	2080
Benzo(b)Fluoranthene	< 41.1
Benzo(g,h,i)Perylene	343
Benzo(k)Fluoranthene	< 41.1
Chrysene	2410
Dibenzo(a,h)Anthracene	< 41.1
Fluoranthene	< 41.1
Fluorene	1270
Indeno(1,2,3-cd)Pyrene	83.3
Phenanthrene	7690
Pyrene	6250

Sample ID	1SS-E8-D9-01-13
Depth (ft.)	13
Units	ug/kg
Acenaphthene	< 4.1/ < 4.1
Acenaphthylene	< 4.1/ < 4.1
Anthracene	4.4/6.4
Benzo(a)Anthracene	7.2/11
Benzo(a)Pyrene	< 4.1/ < 4.1
Benzo(b)Fluoranthene	< 4.1/ < 4.1
Benzo(g,h,i)Perylene	< 4.1/ < 4.1
Benzo(k)Fluoranthene	< 4.1/ < 4.1
Chrysene	5.8/12.4
Dibenzo(a,h)Anthracene	< 4.1/ < 4.1
Fluoranthene	7.8/21.4
Fluorene	< 4.1/ < 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1/ < 4.1
Phenanthrene	30.5/72.6
Pyrene	10.1/26.4

Sample ID	1SS-CC12-DD13-01
Depth (ft.)	12
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	< 4.1
Pyrene	< 4.1

Sample ID	1SS-A10-AA11-01
Depth (ft.)	13
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	< 4.1
Pyrene	< 4.1

Sample ID	1SS-A1-AA2-01
Depth (ft.)	5
Units	ug/kg
Acenaphthene	< 3.6
Acenaphthylene	< 3.6
Anthracene	< 3.6
Benzo(a)Anthracene	5.1
Benzo(a)Pyrene	< 3.6
Benzo(b)Fluoranthene	< 3.6
Benzo(g,h,i)Perylene	< 3.6
Benzo(k)Fluoranthene	< 3.6
Chrysene	< 3.6
Dibenzo(a,h)Anthracene	< 3.6
Fluoranthene	< 3.6
Fluorene	< 3.6
Indeno(1,2,3-cd)Pyrene	< 3.6
Phenanthrene	< 3.6
Pyrene	< 3.6

Sample ID	1SS-E5-D6-01
Depth (ft.)	13
Units	ug/kg
Acenaphthene	< 4
Acenaphthylene	< 4
Anthracene	< 4
Benzo(a)Anthracene	7.7
Benzo(a)Pyrene	< 4
Benzo(b)Fluoranthene	9.6
Benzo(g,h,i)Perylene	< 4
Benzo(k)Fluoranthene	< 4
Chrysene	4.1
Dibenzo(a,h)Anthracene	< 4
Fluoranthene	8.9
Fluorene	< 4
Indeno(1,2,3-cd)Pyrene	< 4
Phenanthrene	9.5
Pyrene	8.2

Sample ID	1SS-DD8-EE9-01
Depth (ft.)	14
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	17.2
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	94.7
Pyrene	< 4.1

Sample ID	1SS-D6-C7-01
Depth (ft.)	14.5
Units	ug/kg
Acenaphthene	27.9
Acenaphthylene	< 4.1
Anthracene	8.4
Benzo(a)Anthracene	12.5
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	14.7
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	10.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	24.3
Fluorene	21.7
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	60.9
Pyrene	23.3

Sample ID	1SS-FF5-GG6-01
Depth (ft.)	12
Units	ug/kg
Acenaphthene	6.4
Acenaphthylene	< 4.2
Anthracene	7
Benzo(a)Anthracene	17.5
Benzo(a)Pyrene	11.6
Benzo(b)Fluoranthene	23.2
Benzo(g,h,i)Perylene	7.1
Benzo(k)Fluoranthene	< 4.2
Chrysene	16.9
Dibenzo(a,h)Anthracene	10.2
Fluoranthene	25.8
Fluorene	12.6
Indeno(1,2,3-cd)Pyrene	6.8
Phenanthrene	29.9
Pyrene	25.9

Sample ID	1SS-KK7-LL8-01
Depth (ft.)	14
Units	ug/kg
Acenaphthene	< 4.2
Acenaphthylene	< 4.2
Anthracene	< 4.2
Benzo(a)Anthracene	< 4.2
Benzo(a)Pyrene	< 4.2
Benzo(b)Fluoranthene	< 4.2
Benzo(g,h,i)Perylene	< 4.2
Benzo(k)Fluoranthene	< 4.2
Chrysene	< 4.2
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	< 4.2
Fluorene	< 4.2
Indeno(1,2,3-cd)Pyrene	< 4.2
Phenanthrene	4.5
Pyrene	< 4.2

Sample ID	1SS-JJ8-KK9-01-14
Depth (ft.)	14
Units	ug/kg
Acenaphthene	< 4.2/< 41.4
Acenaphthylene	< 4.2/< 41.4
Anthracene	< 4.2/830
Benzo(a)Anthracene	276/867
Benzo(a)Pyrene	226/591
Benzo(b)Fluoranthene	< 4.2/< 41.4
Benzo(g,h,i)Perylene	55.9/210
Benzo(k)Fluoranthene	58.1/< 41.4
Chrysene	324/1010
Dibenzo(a,h)Anthracene	20.6/143
Fluoranthene	< 4.2/< 41.4
Fluorene	< 4.2/< 41.4
Indeno(1,2,3-cd)Pyrene	< 4.2/58.3
Phenanthrene	< 4.2/3030
Pyrene	642/2510

Sample ID	1SS-JJ11-KK12-01-13
Depth (ft.)	13
Units	ug/kg
Acenaphthene	< 4.1/< 4.1
Acenaphthylene	< 4.1/< 4.1
Anthracene	< 4.1/< 4.1
Benzo(a)Anthracene	< 4.1/< 4.1
Benzo(a)Pyrene	< 4.1/< 4.1
Benzo(b)Fluoranthene	< 4.1/< 4.1
Benzo(g,h,i)Perylene	< 4.1/< 4.1
Benzo(k)Fluoranthene	< 4.1/< 4.1
Chrysene	< 4.1/< 4.1
Dibenzo(a,h)Anthracene	< 4.1/< 4.1
Fluoranthene	< 4.1/< 4.1
Fluorene	< 4.1/< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1/< 4.1
Phenanthrene	< 4.1 /4.9
Pyrene	< 4.1/< 4.1

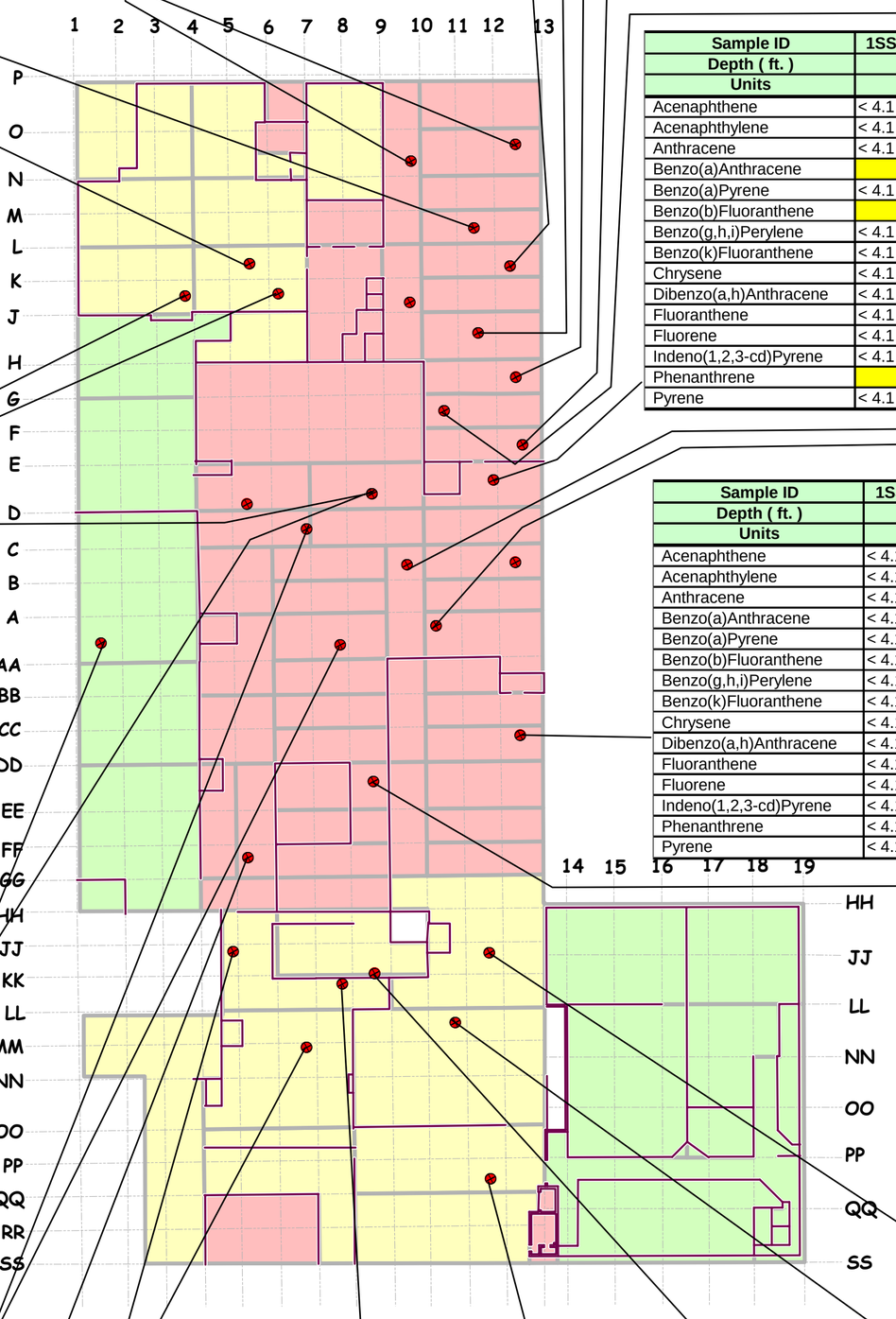
Sample ID	1SS-A7-AA8-01
Depth (ft.)	14
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	< 4.1
Pyrene	< 4.1

Sample ID	1SS-HH5-KK6-01
Depth (ft.)	12
Units	ug/kg
Acenaphthene	< 5
Acenaphthylene	< 5
Anthracene	16.7
Benzo(a)Anthracene	39.9
Benzo(a)Pyrene	24.1
Benzo(b)Fluoranthene	49.8
Benzo(g,h,i)Perylene	12.8
Benzo(k)Fluoranthene	< 5
Chrysene	33.5
Dibenzo(a,h)Anthracene	13.3
Fluoranthene	58.7
Fluorene	< 5
Indeno(1,2,3-cd)Pyrene	13.9
Phenanthrene	57
Pyrene	61.7

Sample ID	1SS-MM6-NN7-01
Depth (ft.)	12
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	7.2
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	< 4.1
Pyrene	5.4

Sample ID	1SS-OO10-PP11-01
Depth (ft.)	12
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	4.2
Pyrene	< 4.1

Sample ID	1SS-LL10-MM11-01
Depth (ft.)	12
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	< 4.1
Fluorene	< 4.1
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	< 4.1
Pyrene	< 4.1



Legend

- Soil Boring

PCB Potential / Sample Area

- HIGH
- MEDIUM
- LOW

Note: Highlight Indicates Detection

Drawn By: CCC Approved by: EMW

Checked By: BSM Date: October 26, 2006

MACTEC

Figure 7
Semi-Volatile Organic Compound Detection Summary
1st Floor Soil Samples
Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061026_11x17_1stflo_soil-SVOC.mxd

Sample ID	1SS-L5-K6-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 40
Total PCBs	--

Sample ID	1SS-09-N10-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	648
Total PCBs	648

Sample ID	1SS-O12-N13-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 40.4
Total PCBs	--

Sample ID	1SS-M11-L12-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	46.3
Total PCBs	46.3

Sample ID	1SS-K9-J10-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 38.7
Total PCBs	--

Sample ID	1SS-K6-J7-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 39.9
Total PCBs	--

Sample ID	1SS-K3-J4-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 41.8
Total PCBs	--

Sample ID	1SS-J11-H12-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	237
Total PCBs	237

Sample ID	1SS-L12-J13-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	43
Total PCBs	43

Sample ID	1SS-E5-D6-01-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 38.5
Total PCBs	--

Sample ID	1SS-H12-G13-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	193
Total PCBs	193

Sample ID	1SS-G10-F11-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	132
Total PCBs	132

Sample ID	1SS-D6-C7-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 39.9
Total PCBs	--

Sample ID	1SS-E8-D9-01
Depth (ft.)	5
Units	ug/kg
Aroclor-1248	163
Total PCBs	163

Sample ID	1SS-F12-E13-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	63.8
Total PCBs	63.8

Sample ID	1SS-C9-B10-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	3,740
Total PCBs	3,740

Sample ID	1SS-E11-D12-01-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	103
Total PCBs	103

Sample ID	1SS-A1-AA2-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 35.6
Total PCBs	--

Sample ID	1SS-A10-AA11-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 39.7
Total PCBs	--

Sample ID	1SS-C12-B13-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	72.6
Total PCBs	72.6

Sample ID	1SS-FF5-GG6-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 39.6
Total PCBs	--

Sample ID	1SS-A7-AA8-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 38.3
Total PCBs	--

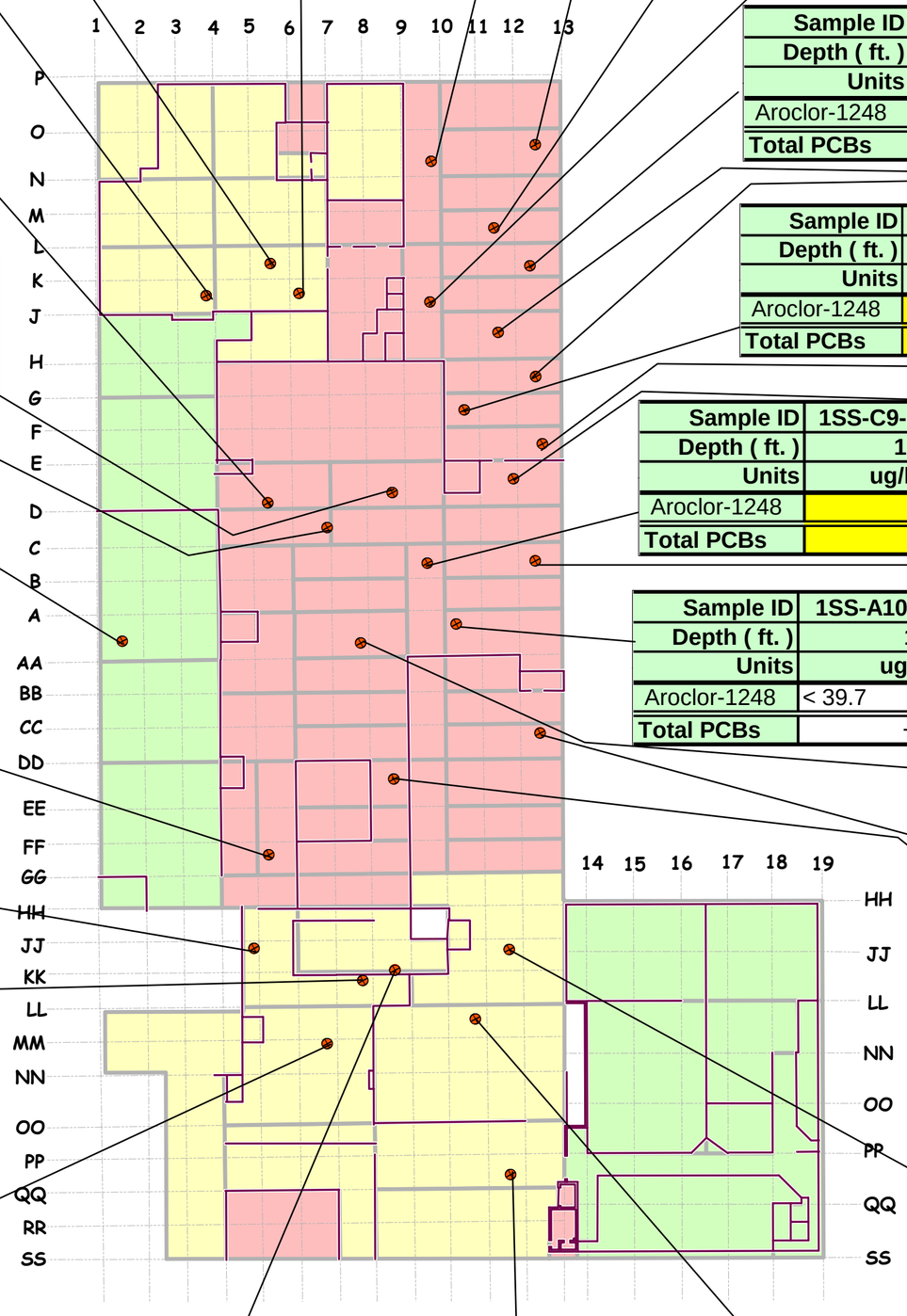
Sample ID	1SS-HH5-KK6-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 39.5
Total PCBs	--

Sample ID	1SS-DD8-EE9-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 33
Total PCBs	--

Sample ID	1SS-KK7-LL8-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 37.5
Total PCBs	--

Sample ID	1SS-JJ11-KK12-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 41.6
Total PCBs	--

Sample ID	1SS-MM6-NN7-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 38.4
Total PCBs	--



Sample ID	1SS-JJ8-KK9-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	132/58.6
Total PCBs	132/58.6

Sample ID	1SS-0010-PP11-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	71.2
Total PCBs	71.2

Sample ID	1SS-LL10-MM11-01
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	< 40.9
Total PCBs	--

Sample ID	1SS-CC12-DD13
Depth (ft.)	1
Units	ug/kg
Aroclor-1248	300
Total PCBs	300

Note: PCB Aroclors with no detections are not listed

Legend

Soil Boring Location

PCB Potential / Sample Area

HIGH

MEDIUM

LOW

Note: Highlight Indicates Detection

Drawn By: CCC Approved by: EMW

Checked By: BSM Date: October 26, 2006

MACTEC

Figure 8
Polychlorinated Biphenyls
Detection Summary
1st Floor Soil Samples
Carter Carburetor Site,
St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061025_11x17_1stfl_soil-PCB.mxd

Sample ID	1SS-L5-K6-01
Depth (ft.)	13
Units	mg/kg
Arsenic	5.2
Barium	124
Cadmium	< 0.42
Chromium	16.3
Lead	9.3
Mercury	< 0.044
Selenium	< 1.2
Silver	< 0.58

Sample ID	1SS-O9-N10-01
Depth (ft.)	13
Units	mg/kg
Arsenic	3.6
Barium	46.2
Cadmium	< 0.44
Chromium	15.5
Lead	5.8
Mercury	< 0.044
Selenium	< 1.3
Silver	< 0.61

Sample ID	1SS-O12-N13-01
Depth (ft.)	12
Units	mg/kg
Arsenic	4.4
Barium	103
Cadmium	< 0.44
Chromium	15.6
Lead	7
Mercury	< 0.044
Selenium	< 1.3
Silver	< 0.62

Sample ID	1SS-M11-L12-01
Depth (ft.)	13
Units	mg/kg
Arsenic	2.9
Barium	65.4
Cadmium	< 0.45
Chromium	15.3
Lead	7.2
Mercury	< 0.047
Selenium	< 1.4
Silver	< 0.63

Sample ID	1SS-J11-H12-01
Depth (ft.)	13
Units	mg/kg
Arsenic	3.1
Barium	67.8
Cadmium	< 0.49
Chromium	15.6
Lead	6.4
Mercury	< 0.048
Selenium	< 1.5
Silver	< 0.69

Sample ID	1SS-K6-J7-01
Depth (ft.)	14.5
Units	mg/kg
Arsenic	3.4
Barium	86.3
Cadmium	< 0.41
Chromium	15.7
Lead	8.2
Mercury	< 0.044
Selenium	< 1.2
Silver	< 0.58

Sample ID	1SS-K9-J10-01
Depth (ft.)	13
Units	mg/kg
Arsenic	4.6
Barium	103
Cadmium	< 0.36
Chromium	16.3
Lead	10.2
Mercury	0.13
Selenium	< 1.1
Silver	< 0.5

Sample ID	1SS-E8-D9-01
Depth (ft.)	13
Units	mg/kg
Arsenic	4.3/3.6
Barium	92.9/84.6
Cadmium	< 0.51/0.46
Chromium	19.2/15.7
Lead	8.4/8.4
Mercury	< 0.057/< 0.60
Selenium	< 1.5/< 1.4
Silver	< 0.71/< 0.65

Sample ID	1SS-L12-J13-01
Depth (ft.)	13
Units	mg/kg
Arsenic	4.5
Barium	109
Cadmium	< 0.5
Chromium	17.2
Lead	7.1
Mercury	< 0.045
Selenium	< 1.5
Silver	< 0.7

Sample ID	1SS-K3-J4-01
Depth (ft.)	12
Units	mg/kg
Arsenic	2.8
Barium	77.6
Cadmium	< 0.37
Chromium	15
Lead	10
Mercury	< 0.044
Selenium	< 1.1
Silver	< 0.52

Sample ID	1SS-G10-F11-01
Depth (ft.)	10
Units	mg/kg
Arsenic	3.6
Barium	105
Cadmium	< 0.4
Chromium	15.5
Lead	8
Mercury	0.058
Selenium	< 1.2
Silver	< 0.56

Sample ID	1SS-F12-E13-01
Depth (ft.)	14
Units	mg/kg
Arsenic	2.9
Barium	78.8
Cadmium	< 0.42
Chromium	15.2
Lead	7.2
Mercury	< 0.047
Selenium	< 1.3
Silver	< 0.59

Sample ID	1SS-E5-D6-01-13
Depth (ft.)	13
Units	mg/kg
Arsenic	4.1
Barium	98.7
Cadmium	< 0.51
Chromium	18.4
Lead	7.5
Mercury	< 0.054
Selenium	< 1.5
Silver	< 0.71

Sample ID	1SS-E11-D12-01
Depth (ft.)	14
Units	mg/kg
Arsenic	4
Barium	83.7
Cadmium	< 0.52
Chromium	20
Lead	8.8
Mercury	< 0.057
Selenium	< 1.6
Silver	< 0.73

Sample ID	1SS-C12-B13-01
Depth (ft.)	14
Units	mg/kg
Arsenic	4.7
Barium	101
Cadmium	< 0.51
Chromium	21
Lead	10
Mercury	< 0.059
Selenium	< 1.5
Silver	< 0.72

Sample ID	1SS-D6-C7-01
Depth (ft.)	14.5
Units	mg/kg
Arsenic	6.6
Barium	91.6
Cadmium	< 0.59
Chromium	16.7
Lead	8
Mercury	< 0.059
Selenium	< 1.8
Silver	< 0.83

Sample ID	1SS-C9-B10-01
Depth (ft.)	14
Units	mg/kg
Arsenic	4.9
Barium	110
Cadmium	< 0.58
Chromium	16.5
Lead	7.4
Mercury	< 0.062
Selenium	< 1.7
Silver	< 0.81

Sample ID	1SS-A1-AA2-01
Depth (ft.)	5
Units	mg/kg
Arsenic	2.5
Barium	14.7
Cadmium	< 0.49
Chromium	6.6
Lead	2.3
Mercury	< 0.051
Selenium	< 1.5
Silver	< 0.69

Sample ID	1SS-CC12-DD13-01
Depth (ft.)	12
Units	mg/kg
Arsenic	4.4
Barium	89.7
Cadmium	< 0.46
Chromium	16.1
Lead	7
Mercury	< 0.063
Selenium	< 1.4
Silver	< 0.64

Sample ID	1SS-A7-AA8-01
Depth (ft.)	14
Units	mg/kg
Arsenic	4.5
Barium	95
Cadmium	< 0.51
Chromium	16.8
Lead	7.2
Mercury	< 0.06
Selenium	< 1.5
Silver	< 0.71

Sample ID	1SS-DD8-EE9-01
Depth (ft.)	14
Units	mg/kg
Arsenic	5
Barium	113
Cadmium	< 0.51
Chromium	17.9
Lead	7.9
Mercury	< 0.062
Selenium	< 1.5
Silver	< 0.71

Sample ID	1SS-LL10-MM11-01
Depth (ft.)	12
Units	mg/kg
Arsenic	4.5
Barium	97.5
Cadmium	< 0.56
Chromium	19.4
Lead	7.3
Mercury	< 0.056
Selenium	< 1.7
Silver	< 0.79

Sample ID	1SS-FF5-GG6-01
Depth (ft.)	12
Units	mg/kg
Arsenic	7.8
Barium	187
Cadmium	< 0.58
Chromium	19
Lead	15.8
Mercury	< 0.06
Selenium	< 1.8
Silver	< 0.82

Sample ID	1SS-HH5-KK6-01
Depth (ft.)	12
Units	mg/kg
Arsenic	9.3
Barium	134
Cadmium	< 0.66
Chromium	15.7
Lead	41.3
Mercury	0.36
Selenium	< 2
Silver	< 0.92

Sample ID	1SS-JJ11-KK12-01
Depth (ft.)	13
Units	mg/kg
Arsenic	4.5/4.2
Barium	94.8/90.3
Cadmium	< 0.61/< 0.55
Chromium	16.8/15.9
Lead	7.1/6.6
Mercury	< 0.056/< 0.056
Selenium	< 1.8/< 1.6
Silver	< 0.86/< 0.77

Sample ID	1SS-MM6-NN7-01
Depth (ft.)	12
Units	mg/kg
Arsenic	4.7
Barium	93.1
Cadmium	< 0.57
Chromium	17
Lead	7.5
Mercury	< 0.054
Selenium	< 1.7
Silver	< 0.8

Sample ID	1SS-KK7-LL8-01
Depth (ft.)	14
Units	mg/kg
Arsenic	4.8
Barium	70.1
Cadmium	< 0.52
Chromium	16.2
Lead	7.3
Mercury	< 0.056
Selenium	< 1.6
Silver	< 0.72

Sample ID	1SS-JJ8-KK9-01
Depth (ft.)	14
Units	mg/kg
Arsenic	2.9/4.1
Barium	79.8/83.1
Cadmium	< 0.51/< 0.48
Chromium	14.4/15.6
Lead	6.3/6.5
Mercury	< 0.054/< 0.057
Selenium	< 1.5/< 1.4
Silver	< 0.72/< 0.67

Sample ID	1SS-OO10-PP11-01
Depth (ft.)	12
Units	mg/kg
Arsenic	5
Barium	101
Cadmium	< 0.55
Chromium	17.9
Lead	7.5
Mercury	< 0.054
Selenium	< 1.7
Silver	< 0.77

1 2 3 4 5 6 7 8 9 10 11 12 13

P O N M L K J H G F E D C B A AA BB CC DD EE FF GG HH JJ KK LL MM NN OO PP QQ RR SS

14 15 16 17 18 19 HH JJ LL NN OO PP QQ SS

Legend

Soil Boring Location

PCB Potential / Sample Area

HIGH

MEDIUM

LOW

Note: Highlight Indicates Detection

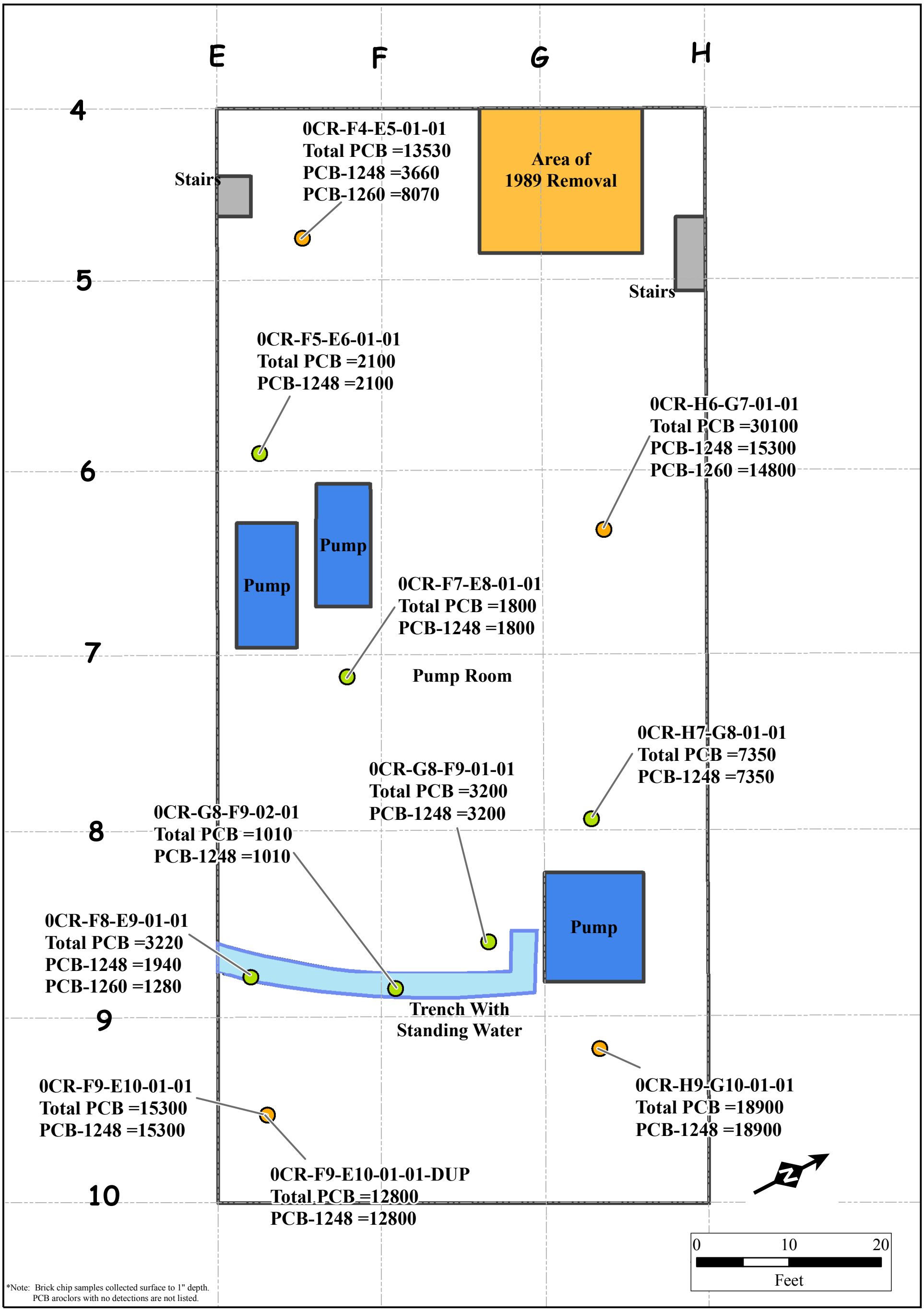
Drawn By: CCC Approved by: EMW

Checked By: BSM Date: October 26, 2006

MACTEC

Figure 9
Total Metals Detection Summary
1st Floor Soil Samples
Carter Carburetor Site,
St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061026_11x17_1srfl_soil-metals.mxd



*Note: Brick chip samples collected surface to 1" depth.
PCB aroclors with no detections are not listed.

Legend

Total PCB ug/Kg

- <1,000
- 1,000 - <10,000
- 10,000 - <50,000
- >50,000

Grid Line
Area of 1989 Removal
Pump
Pump Room
Stairs
Trench With Standing Water

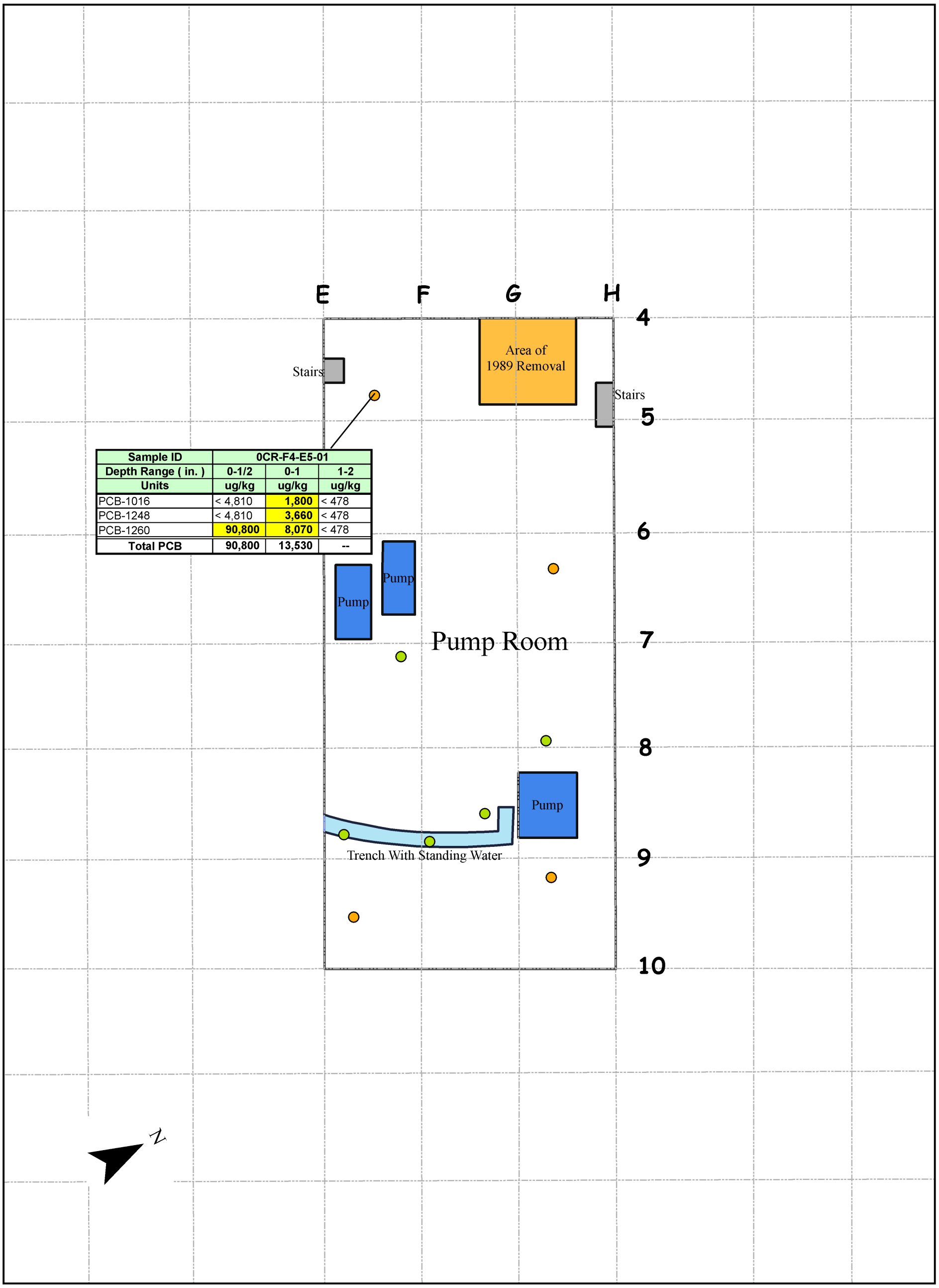
Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 10.
Polychlorinated Biphenyl Laboratory Summary, Pump Room Concrete Samples, Surface to One-Inch Depth
Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_11x17_pump-room_samples.mxd



Sample ID	0CR-F4-E5-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1016	< 4,810	**1,800**	< 478
PCB-1248	< 4,810	**3,660**	< 478
PCB-1260	**90,800**	**8,070**	< 478
Total PCB	**90,800**	**13,530**	--

Legend

Total PCB ug/kg

- < 1000
- 1,000 - 10,000
- 10,000 -50,000
- > 50,000

- Area of 1989 Removal
- Pump
- Stairs
- Trench With Standing Water

Note: Highlight Indicates Detection

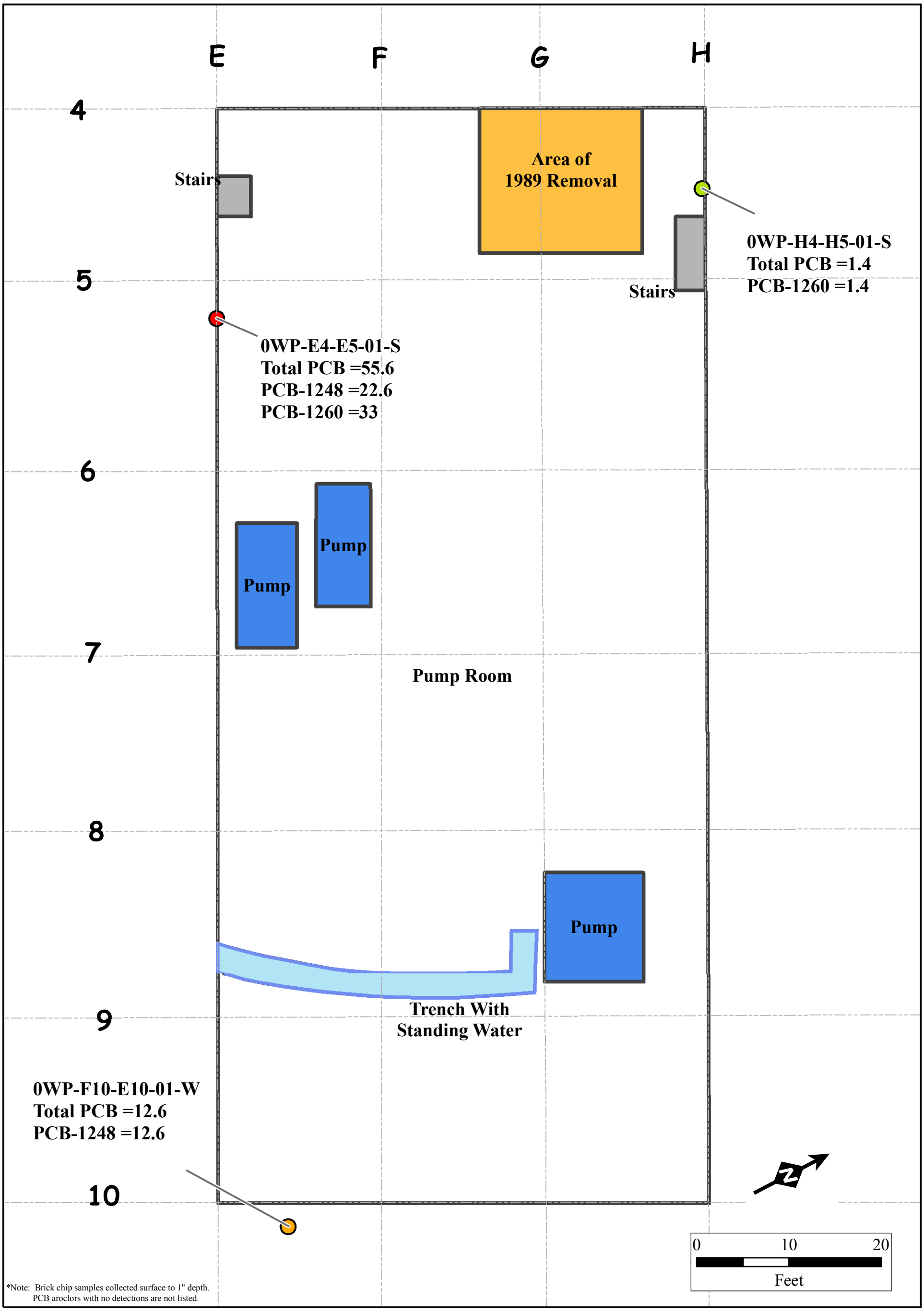
Drawn By: CCC Approved by: EDW

Checked By: BSM Date: October 26, 2006

MACTEC

Figure 11
Polychlorinated Biphenyls
Detection Summary
Pump Room Concrete Samples
Depth Specific Analysis
Carter Carburetor Site
St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061025\f061025_8x11_pump-room_conc.mxd



Legend

Total PCB ug/100 cm2

- 0.0 - 1.0
- 1.1 - 10.0
- 10.1 - 50.0
- >50.0

Grid Line

Area of 1989 Removal

Pump

Pump Room

Stairs

Trench With Standing Water

Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

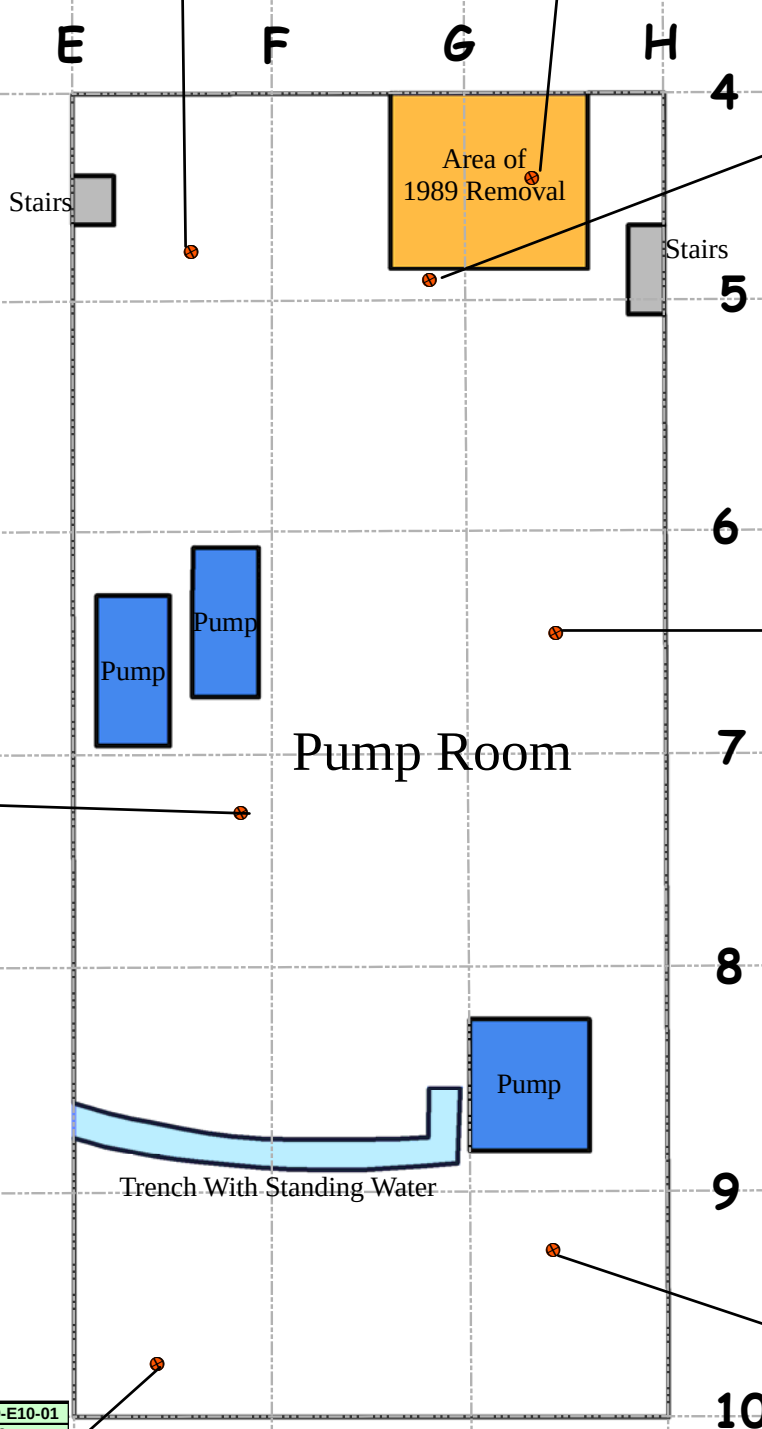
Figure 12.
Polychlorinated Biphenyl
Laboratory Summary
Pump Room Wipe Samples
Carter Carburetor Site,
St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_11x17_pump-room_samples.mxd

Sample ID	0SS-F4-E5-01			
Depth (ft.)	1	5	6.5	9
Units	ug/kg	ug/kg	ug/kg	ug/kg
1,2,4-Trimethylbenzene	< 5.1	< 5.1	**18,400**	**99,100**
1,3,5-Trimethylbenzene	< 5.1	< 5.1	**5,810**	**32,700**
Acetone	< 20.3	**35.7**	< 2,000	< 10,000
Carbon Disulfide	< 5.1	< 5.1	< 500	< 2,510
Isopropyl Benzene	< 5.1	< 5.1	**1,290**	**5,840**
Naphthalene	< 3.3	< 3.3	**2,270**	**8,600**
N-Butylbenzene	< 5.1	< 5.1	**7,400**	**29,700**
N-Propylbenzene	< 5.1	< 5.1	**4,050**	**20,600**
P-Isopropyltoluene	< 5.1	< 5.1	**2,010**	**12,300**
Sec-Butylbenzene	< 5.1	**24**	**4,360**	**17,400**
Trichloroethene	**9.2**	< 5.1	< 500	< 2,510
Xylenes, Total	< 5.1	< 5.1	**586**	**2,610**

Sample ID	0SS-H4-G5-01
Depth (ft.)	8.5
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.4
1,3,5-Trimethylbenzene	< 6.4
Acetone	< 25.7
Carbon Disulfide	< 6.4
Isopropyl Benzene	< 6.4
Naphthalene	< 12.8
N-Butylbenzene	< 6.4
N-Propylbenzene	< 6.4
P-Isopropyltoluene	< 6.4
Sec-Butylbenzene	< 6.4
Trichloroethene	< 6.4
Xylenes, Total	< 6.4

Sample ID	0SS-G4-F5-01
Depth (ft.)	8.5
Units	ug/kg
1,2,4-Trimethylbenzene	**24,400**
1,3,5-Trimethylbenzene	**7,560**
Acetone	< 12,800
Carbon Disulfide	< 3,200
Isopropyl Benzene	< 3,200
Naphthalene	< 6,410
N-Butylbenzene	**8,790**
N-Propylbenzene	**5,470**
P-Isopropyltoluene	**3,740**
Sec-Butylbenzene	**4,670**
Trichloroethene	< 3,200
Xylenes, Total	< 3,200



Sample ID	0SS-F7-E8-01
Depth (ft.)	3.5
Units	ug/kg
1,2,4-Trimethylbenzene	< 6.3
1,3,5-Trimethylbenzene	< 6.3
Acetone	< 25.1
Carbon Disulfide	**9.4**
Isopropyl Benzene	< 6.3
Naphthalene	< 4.2
N-Butylbenzene	< 6.3
N-Propylbenzene	< 6.3
P-Isopropyltoluene	< 6.3
Sec-Butylbenzene	< 6.3
Trichloroethene	< 6.3
Xylenes, Total	< 6.3

Sample ID	0SS-H6-G7-01		
Depth (ft.)	1	5	9
Units	ug/kg	ug/kg	ug/kg
1,2,4-Trimethylbenzene	< 5.1	< 4.9	< 4.9
1,3,5-Trimethylbenzene	< 5.1	< 4.9	< 4.9
Acetone	< 20.4	< 19.7	< 19.7
Carbon Disulfide	< 5.1	< 4.9	< 4.9
Isopropyl Benzene	< 5.1	< 4.9	< 4.9
Naphthalene	< 3.3	< 9.8	< 9.8
N-Butylbenzene	< 5.1	< 4.9	< 4.9
N-Propylbenzene	< 5.1	< 4.9	< 4.9
P-Isopropyltoluene	< 5.1	< 4.9	< 4.9
Sec-Butylbenzene	< 5.1	< 4.9	< 4.9
Trichloroethene	< 5.1	< 4.9	< 4.9
Xylenes, Total	< 5.1	< 4.9	< 4.9

Sample ID	0SS-H9-G10-01
Depth (ft.)	3.5
Units	ug/kg
1,2,4-Trimethylbenz	< 7.1
1,3,5-Trimethylbenz	< 7.1
Acetone	< 28.5
Carbon Disulfide	< 7.1
Isopropyl Benzene	< 7.1
Naphthalene	< 14.2
N-Butylbenzene	< 7.1
N-Propylbenzene	< 7.1
P-Isopropyltoluene	< 7.1
Sec-Butylbenzene	< 7.1
Trichloroethene	< 7.1
Xylenes, Total	< 7.1

Sample ID	0SS-F9-E10-01
Depth (ft.)	9
Units	ug/kg
1,2,4-Trimethylbenzene	**2,260**
1,3,5-Trimethylbenzene	**687**
Acetone	< 1,240
Carbon Disulfide	< 309
Isopropyl Benzene	< 309
Naphthalene	**682**
N-Butylbenzene	**487**
N-Propylbenzene	< 309
P-Isopropyltoluene	< 309
Sec-Butylbenzene	< 309
Trichloroethene	< 309
Xylenes, Total	**1,310**

N

0 10 20

Feet

Legend

- Soil Boring Location
- Area of 1989 Removal
- Pump
- Stairs
- Trench With Standing Water

Note: Highlight Indicated Detection

Drawn By: CCC Approved by: EDW

Checked By: BSM Date: October 26, 2006

MACTEC

Figure 13
Volatile Organic Compound Detection Summary
Pump Room Soil Samples
Carter Carburetor Site
St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061025\f061025_8x11_pump-room_soil_VOC.mxd

Sample ID	0SS-F4-E5-01		
Depth (ft.)	1	5	9
Units	ug/kg	ug/kg	ug/kg
Acenaphthene	< 3.3	< 3.3	< 3.3
Acenaphthylene	< 3.3	< 3.3	< 3.3
Anthracene	< 3.3	< 3.3	< 3.3
Benzo(a)Anthracene	32.9	13.2	4
Benzo(a)Pyrene	27.2	7.5	< 3.3
Benzo(b)Fluoranthene	73.3	27.4	11.8
Benzo(g,h,i)Perylene	24.1	7.3	< 3.3
Benzo(k)Fluoranthene	< 3.3	< 3.3	< 3.3
Chrysene	25.9	10.9	4.1
Dibenzo(a,h)Anthracene	7.3	< 3.3	< 3.3
Fluoranthene	41.8	22.6	5.4
Fluorene	< 3.3	< 3.3	7.5
Indeno(1,2,3-cd)Pyrene	19.3	6.1	< 3.3
Phenanthrene	23.5	12.1	7
Pyrene	45	21.5	8.4

Sample ID	0SS-H4-G5-01-8.5
Depth (ft.)	8.5
Units	ug/kg
Acenaphthene	< 4.2
Acenaphthylene	< 4.2
Anthracene	48.6
Benzo(a)Anthracene	47.2
Benzo(a)Pyrene	48.6
Benzo(b)Fluoranthene	< 4.2
Benzo(g,h,i)Perylene	14.6
Benzo(k)Fluoranthene	< 4.2
Chrysene	70.9
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	< 4.2
Fluorene	42.6
Indeno(1,2,3-cd)Pyrene	4.5
Phenanthrene	321
Pyrene	255

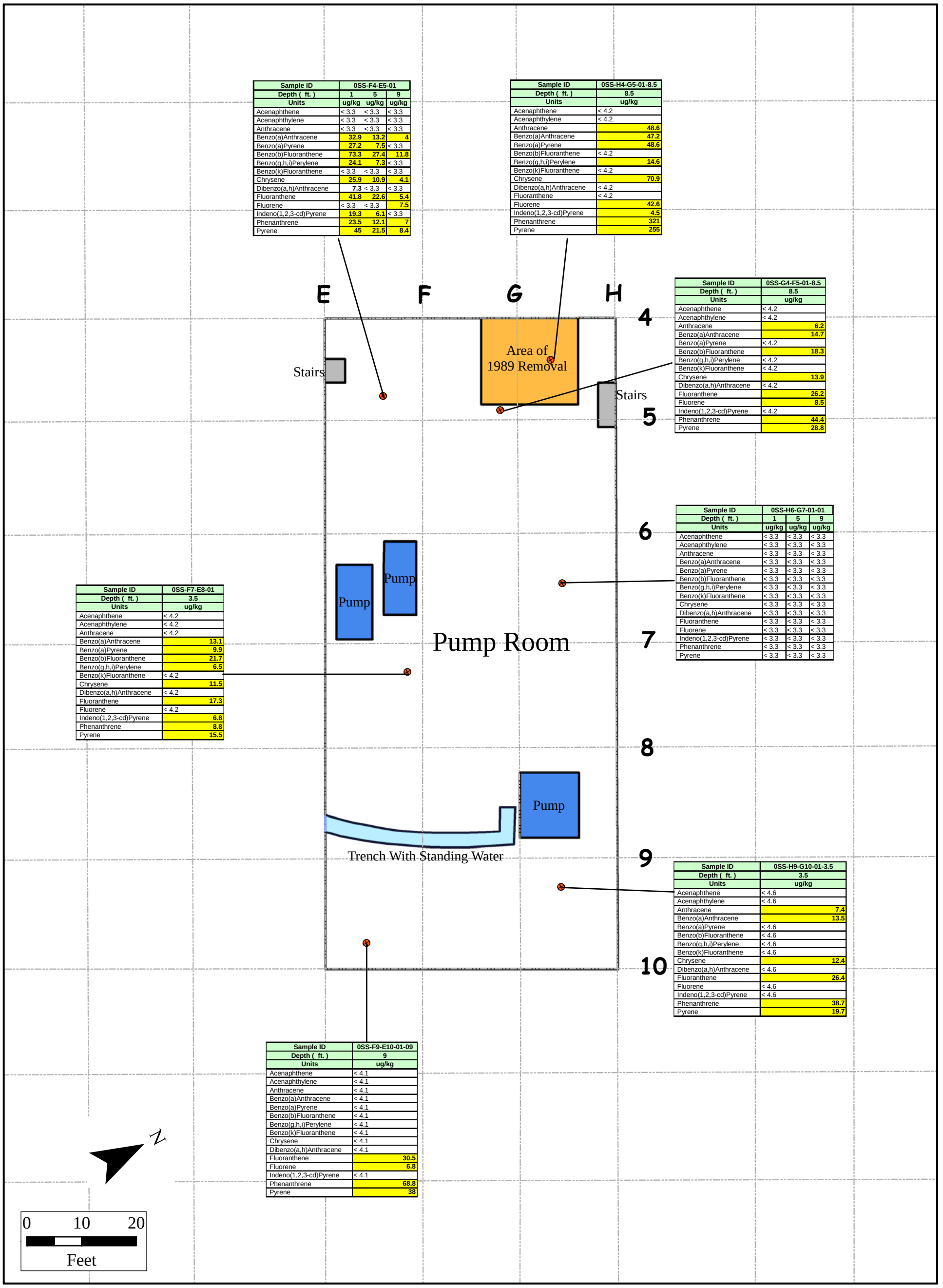
Sample ID	0SS-G4-F5-01-8.5
Depth (ft.)	8.5
Units	ug/kg
Acenaphthene	< 4.2
Acenaphthylene	< 4.2
Anthracene	6.2
Benzo(a)Anthracene	14.7
Benzo(a)Pyrene	< 4.2
Benzo(b)Fluoranthene	18.3
Benzo(g,h,i)Perylene	< 4.2
Benzo(k)Fluoranthene	< 4.2
Chrysene	13.9
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	26.2
Fluorene	8.5
Indeno(1,2,3-cd)Pyrene	< 4.2
Phenanthrene	44.4
Pyrene	28.8

Sample ID	0SS-F7-E8-01
Depth (ft.)	3.5
Units	ug/kg
Acenaphthene	< 4.2
Acenaphthylene	< 4.2
Anthracene	< 4.2
Benzo(a)Anthracene	13.1
Benzo(a)Pyrene	9.9
Benzo(b)Fluoranthene	21.7
Benzo(g,h,i)Perylene	6.5
Benzo(k)Fluoranthene	< 4.2
Chrysene	11.5
Dibenzo(a,h)Anthracene	< 4.2
Fluoranthene	17.3
Fluorene	< 4.2
Indeno(1,2,3-cd)Pyrene	6.8
Phenanthrene	8.8
Pyrene	15.5

Sample ID	0SS-H6-G7-01-01		
Depth (ft.)	1	5	9
Units	ug/kg	ug/kg	ug/kg
Acenaphthene	< 3.3	< 3.3	< 3.3
Acenaphthylene	< 3.3	< 3.3	< 3.3
Anthracene	< 3.3	< 3.3	< 3.3
Benzo(a)Anthracene	< 3.3	< 3.3	< 3.3
Benzo(a)Pyrene	< 3.3	< 3.3	< 3.3
Benzo(b)Fluoranthene	< 3.3	< 3.3	< 3.3
Benzo(g,h,i)Perylene	< 3.3	< 3.3	< 3.3
Benzo(k)Fluoranthene	< 3.3	< 3.3	< 3.3
Chrysene	< 3.3	< 3.3	< 3.3
Dibenzo(a,h)Anthracene	< 3.3	< 3.3	< 3.3
Fluoranthene	< 3.3	< 3.3	< 3.3
Fluorene	< 3.3	< 3.3	< 3.3
Indeno(1,2,3-cd)Pyrene	< 3.3	< 3.3	< 3.3
Phenanthrene	< 3.3	< 3.3	< 3.3
Pyrene	< 3.3	< 3.3	< 3.3

Sample ID	0SS-H9-G10-01-3.5
Depth (ft.)	3.5
Units	ug/kg
Acenaphthene	< 4.6
Acenaphthylene	< 4.6
Anthracene	7.4
Benzo(a)Anthracene	13.5
Benzo(a)Pyrene	< 4.6
Benzo(b)Fluoranthene	< 4.6
Benzo(g,h,i)Perylene	< 4.6
Benzo(k)Fluoranthene	< 4.6
Chrysene	12.4
Dibenzo(a,h)Anthracene	< 4.6
Fluoranthene	26.4
Fluorene	< 4.6
Indeno(1,2,3-cd)Pyrene	< 4.6
Phenanthrene	38.7
Pyrene	19.7

Sample ID	0SS-F9-E10-01-09
Depth (ft.)	9
Units	ug/kg
Acenaphthene	< 4.1
Acenaphthylene	< 4.1
Anthracene	< 4.1
Benzo(a)Anthracene	< 4.1
Benzo(a)Pyrene	< 4.1
Benzo(b)Fluoranthene	< 4.1
Benzo(g,h,i)Perylene	< 4.1
Benzo(k)Fluoranthene	< 4.1
Chrysene	< 4.1
Dibenzo(a,h)Anthracene	< 4.1
Fluoranthene	30.5
Fluorene	6.8
Indeno(1,2,3-cd)Pyrene	< 4.1
Phenanthrene	68.8
Pyrene	38



Legend

- Area of 1989 Removal
- Pump
- Stairs
- Trench With Standing Water

*Highlight Indicates Detection

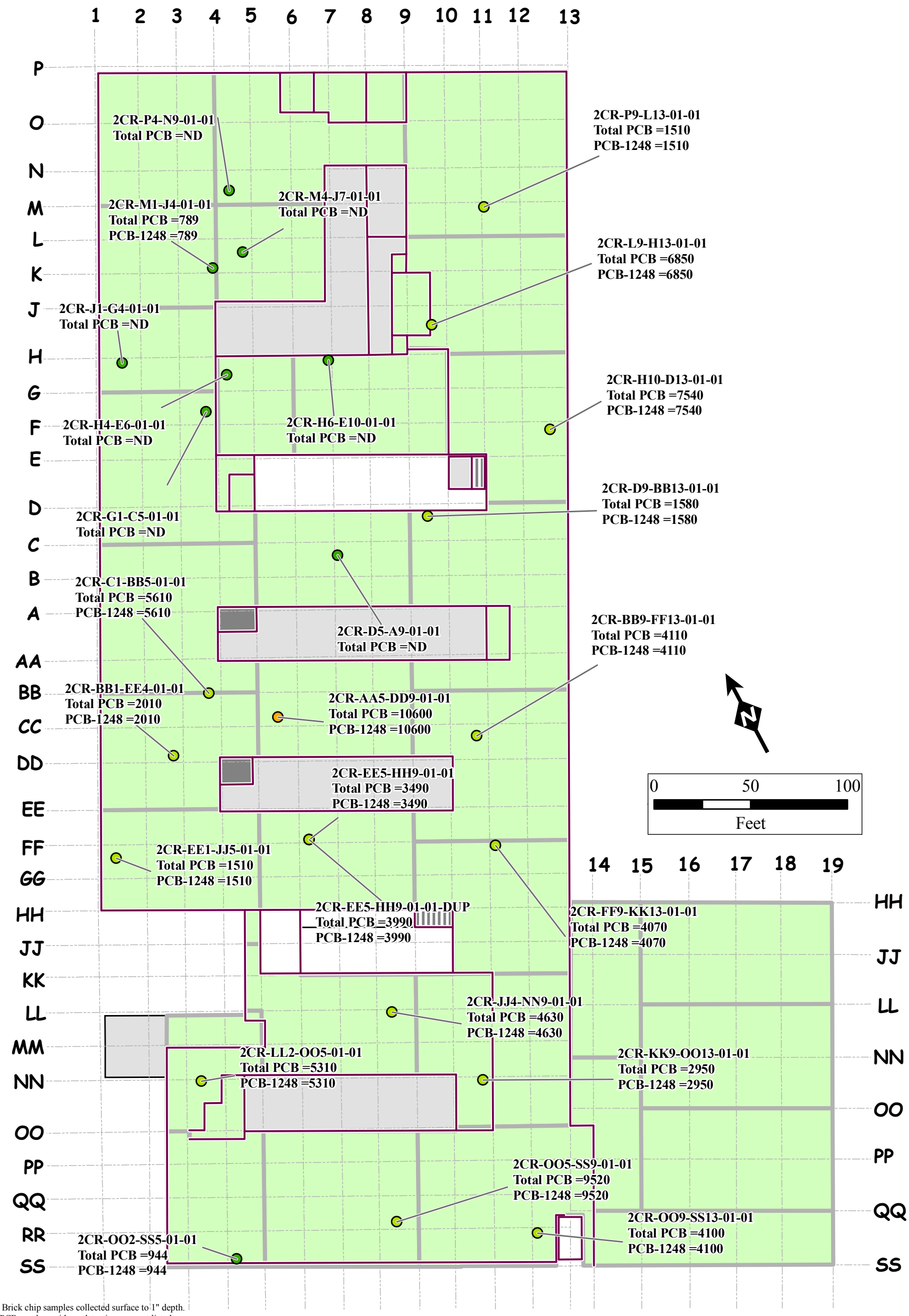
Drawn By: CCC Approved by: EDW

Checked By: BSM Date: October 26, 2006

MACTEC

Figure 14
Semi-Volatile Organic Compound Detection Summary
Pump Room Soil Samples
Carter Carburetor Site
St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061025\f061025_8x11_pump-room_pump-room_soil-SVOC.mxd



*Note: Brick chip samples collected surface to 1" depth.
PCB aroclors with no detections are not listed.

Legend

Total PCB ug/Kg
- <1,000
- 1,000 - <10,000
- 10,000 - <50,000
- >50,000

- 2nd Floorplan
- Grid Line
- 1st Floor Roof
- Elevator
- Stairs

PCB Potential / Sample Area
- HIGH
- MEDIUM
- LOW

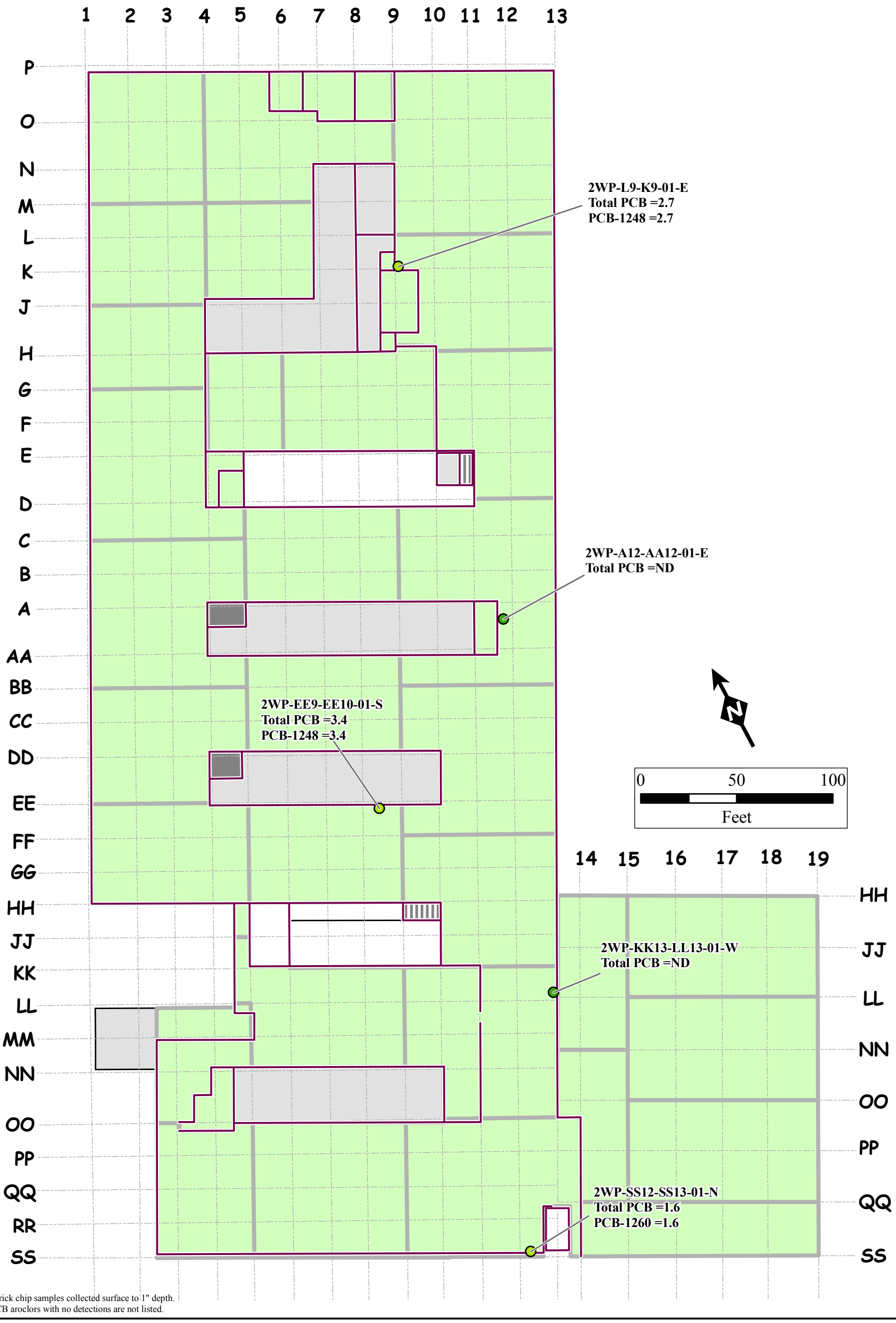
Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 15.
Polychlorinated Biphenyl Laboratory Summary, 2nd Floor Concrete Samples, Surface to One-Inch Depth
Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_11x17_2nd-floor-samples.mxd



*Note: Brick chip samples collected surface to 1" depth.
PCB aroclors with no detections are not listed.

Legend

Total PCB ug/100 cm2

- 0.0 - 1.0
- 1.1 - 10.0
- 10.1 - 50.0
- >50.0

- 2nd Floorplan
- Grid Line
- 1st Floor Roof
- Elevator
- Stairs

PCB Potential / Sample Area

- HIGH
- MEDIUM
- LOW

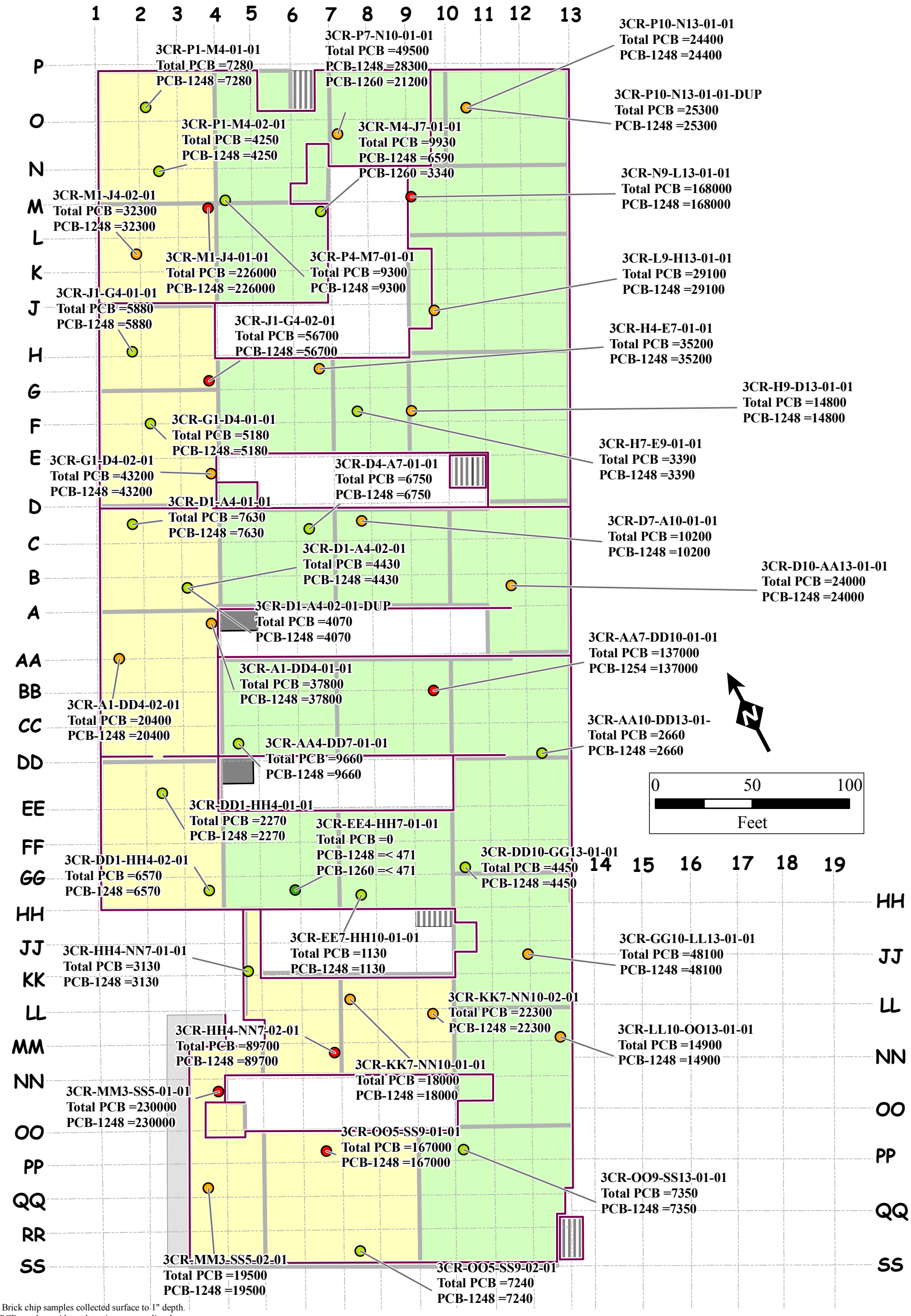
Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 16. Polychlorinated Biphenyl Laboratory Summary, 2nd Floor Wipe Samples, Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_11x17_2nd-floor-samples.mxd



*Note: Brick chip samples collected surface to 1" depth.
PCB aroclors with no detections are not listed.

Legend

Total PCB ug/Kg

- <1,000
- 1,000 - <10,000
- 10,000 - <50,000
- >50,000

- 3rd Floorplan
- Grid Line
- 2nd Floor Roof
- Elevator
- Stairs

PCB Potential / Sample Area

- HIGH
- MEDIUM
- LOW

Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 17.
Polychlorinated Biphenyl Laboratory Summary, 3rd Floor Concrete Samples, Surface to One-Inch Depth
Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_11x17_3rd-floor-samples.mxd

Sample ID	3CR-P7-N10-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	53,900	28,300	9,310
PCB-1260	52,600	21,200	< 4,950
Total PCB	106,500	49,500	9,310

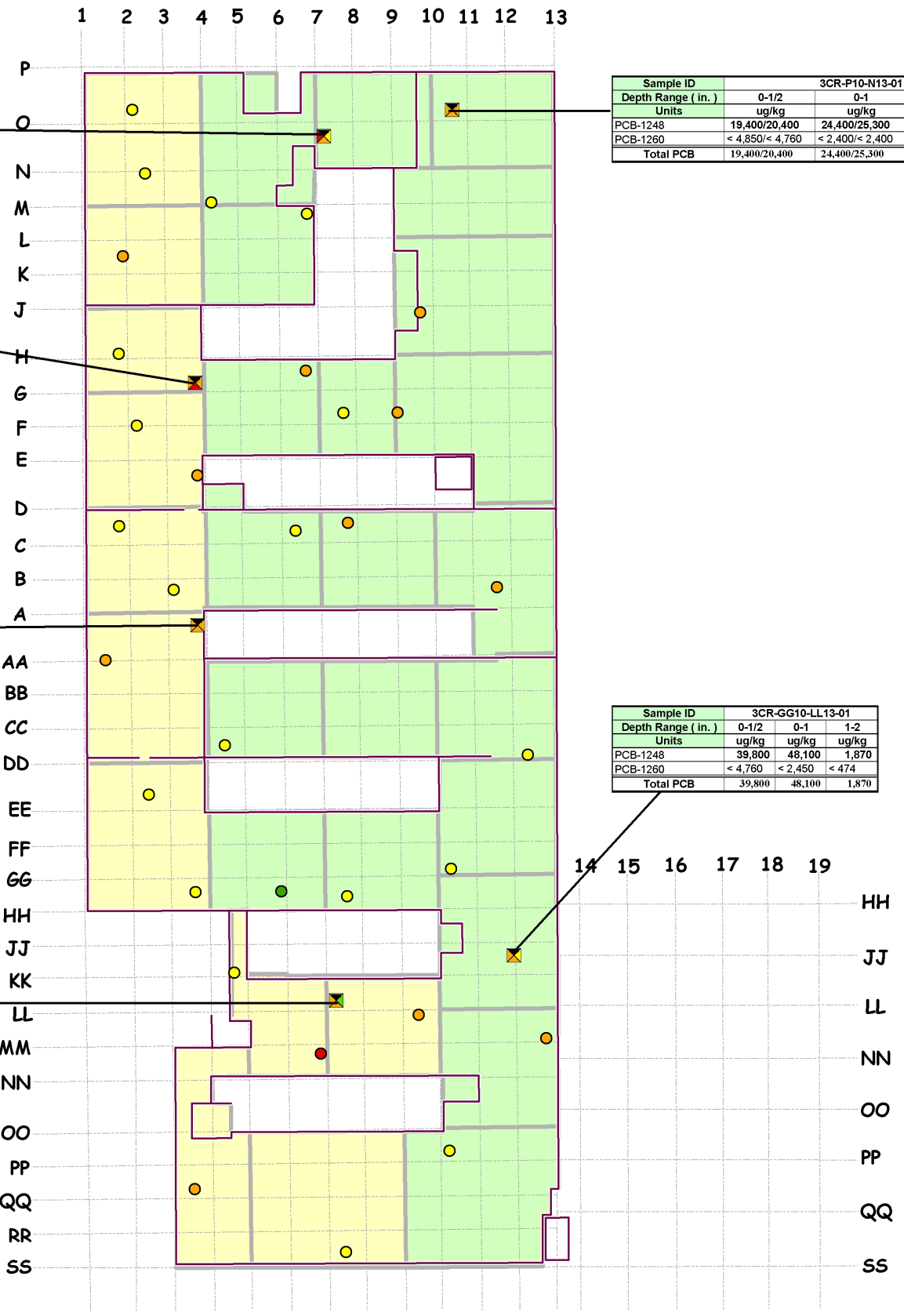
Sample ID	3CR-P10-N13-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	19,400/20,400	24,400/25,300	22,900/20,700
PCB-1260	< 4,850/< 4,760	< 2,400/< 2,400	< 4,740/< 4,740
Total PCB	19,400/20,400	24,400/25,300	22,900/20,700

Sample ID	3CR-J1-G4-02		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	35,900	56,700	24,100
PCB-1260	< 4,760	< 4,740	< 4,930
Total PCB	35,900	56,700	24,100

Sample ID	3CR-A1-DD4-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	20,400	37,800	19,300
PCB-1260	< 4,880	< 4,930	< 4,900
Total PCB	20,400	37,800	19,300

Sample ID	3CR-GG10-LL13-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	39,800	48,100	1,870
PCB-1260	< 4,760	< 2,450	< 474
Total PCB	39,800	48,100	1,870

Sample ID	3CR-KK7-NN10-01		
Depth Range (in.)	0-1/2	0-1	1-2
Units	ug/kg	ug/kg	ug/kg
PCB-1248	28,700	18,000	844
PCB-1260	< 4,710	< 2,480	< 476
Total PCB	28,700	18,000	844



Note: PCB Aroclors with no detections are not listed

0 50 100
Feet

Legend

- < 1,000
- 1,000 - 10,000
- 10,000 - 50,000
- > 50,000

0- 1/2 Inch Depth
0 - 1 Inch Depth
1- 2 Inch Depth

Total PCB ug/kg
- < 1,000
- 1,000 - 10,000
- 10,000 -50,000
- > 50,000

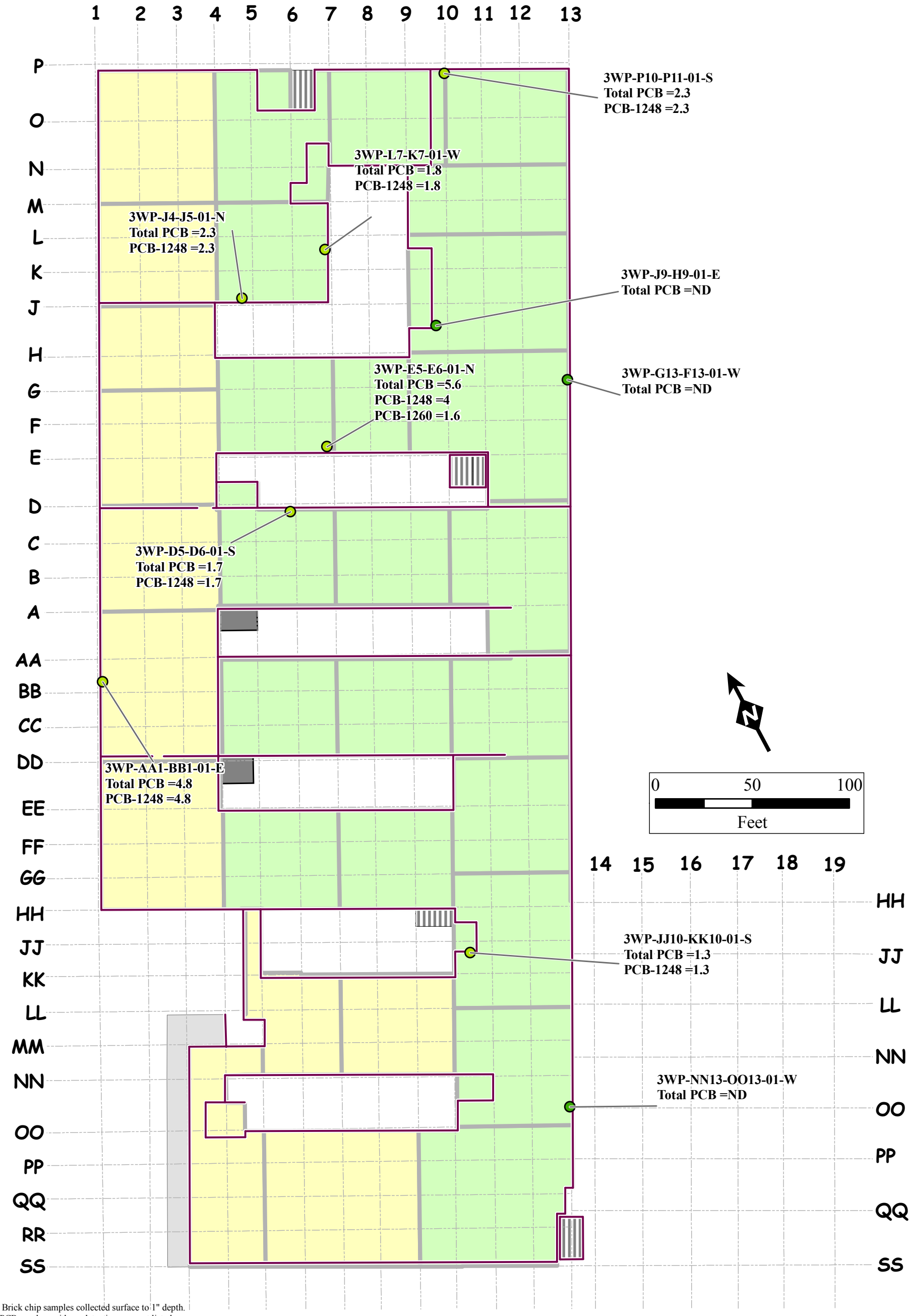
Drawn By: CCC Approved by: EMW

Checked By: BSM Date: October 26, 2006

MACTEC

Figure 18
Polychlorinated Biphenyls
Detection Summary
3rd Floor Concrete Samples
Depth Specific Analysis
Carter Carburetor Site,
St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061026_11x17_3rdfl_conc.mxd



*Note: Brick chip samples collected surface to 1" depth.
PCB aroclors with no detections are not listed.

Legend

Total PCB ug/100 cm2		PCB Potential / Sample Area
0.0 - 1.0	3rd Floorplan	HIGH
1.1 - 10.0	Grid Line	MEDIUM
10.1 - 50.0	2nd Floor Roof	LOW
>50.0	Elevator	
	Stairs	

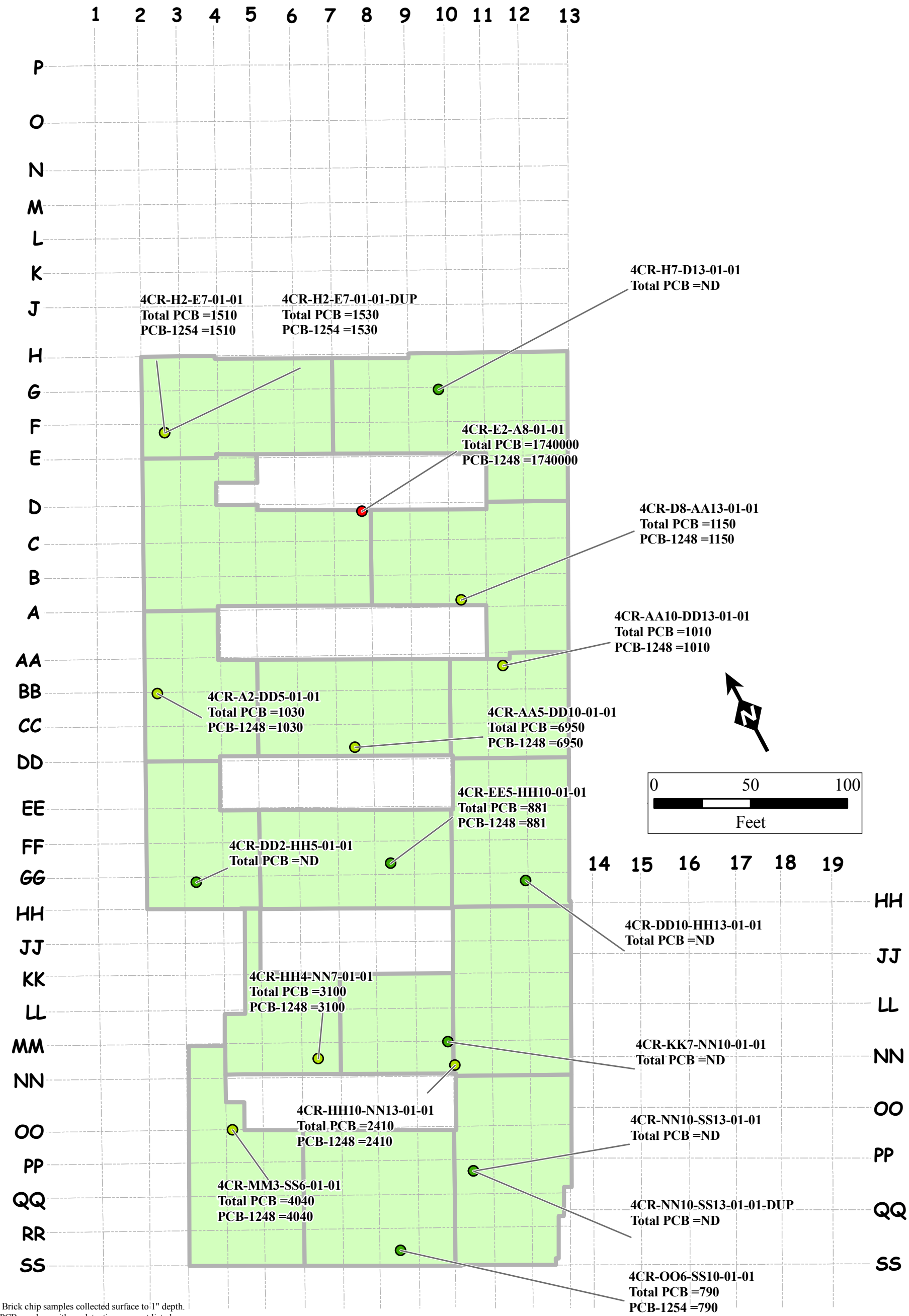
Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 19.
Polychlorinated Biphenyl Laboratory Summary, 3rd Floor Wipe Samples, Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_11x17_3rd-floor-samples.mxd



*Note: Brick chip samples collected surface to 1" depth.
PCB aroclors with no detections are not listed.

Legend

Total PCB ug/Kg

- <1,000
- 1,000 - <10,000
- 10,000 - <50,000
- >50,000

Grid Line

PCB Potential / Sample Area

- HIGH
- MEDIUM
- LOW

Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 20.
Polychlorinated Biphenyl Laboratory Summary, 4th Floor Concrete Samples, Surface to One-Inch Depth
Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_11x17_4th-floor-samples.mxd

Legend

- Boring

Drawn By: BSM Approved by: EMW

Checked By: EMW Date: October 30, 2006

MACTEC

Figure 21. Former TCE AST #8, Carter Carburetor Site, St. Louis, Missouri

P:\1_Gis\3250035028\a_mxd\Figures\061024\061030_8x11_TCE-samples.mxd

APPENDIX B

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-E11-D12-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						0855		
				1	1SS-E11-D12-01-01	0905		0 - 0.5 Concrete (5") and clay.
2				2				0.5 - 3 Silty clay, medium plastic, grayish brown with reddish brown mottling, low moisture, medium stiff. Red brick and rock fragments at 1.5 ft.
			3/5					
4								3 - 9 Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium soft.
				0	1SS-E11-D12-01-05	0905		
6								
8			4.5/5	0				
10				0				9 - 15 Transitioning to gray/dark gray with increasing moisture.
12				0				
			4/5					
14				2				
				83	1SS-E11-D12-01-14	0910		Very dark gray streaking, high moisture, and soft at 14 ft.
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-E8-D9-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 13.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						0915		Description:
				2	1SS-E8-D9-01-01	0925		0 - 1 Concrete (12")
					+DUPLICATE			1 - 6.5 Silty clay, medium plastic, grayish brown to light
2								grayish brown, moderate moisture, medium soft.
			2.5/5					
4								
				6	1SS-E8-D9-01-05	0930		
					+DUPLICATE			
6				38				
								6.5 - 8 Transition in color to gray with very dark gray
								streaking.
			4.5/5					
8				373				8 - 15 Color change to dark gray with very dark gray
								streaking, increased moisture.
10				472				
12				620				
			3.5/5					
				725	1SS-E8-D9-01-013	0935		Soft and high moisture at 13 ft.
14								
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-E5-D6-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 13.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						0935		
				0	1SS-E5-D6-01-01	0945		0 - 1 Concrete (10") with clay.
								1 - 4.5 Silty clay, medium plastic, brown, moderate to
2				1				low moisture, medium stiff. Trace gravel and red
			2.5/5					brick fragments.
4								
								4.5 - 7 Color change to grayish brown/light grayish brown.
				5	1SS-E5-D6-01-05	0950		Moderate moisture.
6								
								7 - 10.5 Color change to light gray/light brownish gray.
8			4/5	6				
10				126				
								10.5 - 15 Color change to dark gray with very dark gray
				185				streaking.
12				419				
			3.5/5					
				553	1SS-E5-D6-01-13	0955		Very soft with high moisture at 13.5 ft.
14								
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-D6-C7-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						0955		
				0	1SS-D6-C7-01-01	1000		0 - 0.5 Concrete (5") and clay.
2								0.5 - 4 Silty clay, medium plastic, grayish brown, low moisture, medium stiff, gravelly throughout.
			3.5/5					Red brick at 1.5 and 4 ft.
				0				
4								4 - 7.5 Gravel and brick absent.
								Slight increase in moisture.
				0	1SS-D6-C7-01-05	1000		
6								
8			4.5/5	24				7.5 - 15 Color change to gray with very dark gray streaking. Moderate moisture, medium soft.
10				245				
12				437				
			4.5/5					
				640				
14								Dark gray at 13.5 ft.
				863	1SS-D6-C7-01-14.5	1005		High moisture and soft at 14.5 ft.
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-C9-B10-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1015		
				48	1SS-C9-B10-01-01	1025		0 - 0.5 Concrete (4") and clay.
								0.5 - 1.5 Silty clay, low plastic, gray to brownish gray, low
2				50				moisture, medium stiff. Gravelly throughout.
			4.5/5					1.5 - 8 Silty clay, medium plastic, grayish brown to light
								grayish brown, moderate moisture, medium soft.
4								
				2	1SS-C9-B10-01-05	1025		
6				9				
8			5/5	4				8 - 15 Color change to gray with trace very dark gray
								streaking.
10				6				
12								
			4.5/5	68				
								Dark gray with heavy very dark gray streaking at
14				516	1SS-C9-B10-01-14	1030		13.5 ft.
								High moisture and soft at 14.5 ft.
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-C12-B13-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1035		
				0	1SS-C12-B13-01-01	1045		0 - 0.5 Concrete (4") and clay.
2				0				0.5 - 2.5 Silty clay, low plastic, gray to light brownish gray, low moisture, medium stiff. Gravelly throughout.
			4.5/5					2.5 - 7 Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium soft.
4								
				0	1SS-C12-B13-01-05	1045		
6								
								7 - 9.5 Transition to light gray silty clay.
8			5/5	0				
10				0				9.5 - 15 Silty clay, medium plastic, gray, moderate moisture, very dark gray streaking from 11.5 ft. to bottom.
12								Soft and moist at bottom.
			4.5/5	39				
14				176	1SS-C12-B13-01-14	1050		
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-A10-AA11-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol
						1055	
				0	1SS-A10-AA11-01-01	1125	
2			3.5/5				
4				0			
				0	1SS-A10-AA11-01-05	1125	
6			4.5/5				
8				0			
10				0			
12			4.5/5	237			
				493	1SS-A10-AA11-01-13	1130	
14				173			
16							
18							
20							

Description:

0 - 1	Concrete
1 - 12.5	Silty clay, medium plastic, low to moderate moisture, medium stiff, gravelly at top.
	Increased moisture and softer with depth.
12.5 - 15	Color change to gray with very dark gray streaking.
	Very soft with high moisture at 14.5 ft.
15	Boring terminated.

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-A7-AA8-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1250		Description:
				0	1SS-A7-AA8-01-01	1300		0 - 0.5 Concrete (4"-5") over clay.
2								0.5 - 5.5 Silty clay, low plastic, grayish brown, gravelly, low moisture, medium soft to medium stiff. Very dark gray silt/gravel throughout.
			3.5/5	0				
4								
				0	1SS-A7-AA8-01-05	1305		
6								5.5 - 15 Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium soft.
8			4.5/5					
10				0				
12								
			4/5	0				
14				0	1SS-A7-AA8-01-14	1310		
								Very soft with high moisture at 14.5 ft.
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-DD8-EE9-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol
						1320	
				0	1SS-DD8-EE9-01-01	1325	
2							
			3/5				
4							
				0	1SS-DD8-EE9-01-05	1330	
6							
8			3/5				
10				0			
12				0			
			3/5				
14				0	1SS-DD8-EE9-01-14	1335	
16							
18							
20							

Description:

0 - 0.5	Concrete (4") and clay.
0.5 - 2.5	Silty clay, low plastic, brown, intermixed with gravel and concrete fragments.
2.5 - 5.5	Silty clay, medium plastic, grayish brown, intermixed gravel, moderate moisture.
5.5 - 7.5	color change to brown/dark brown.
7.5 - 15	Color change to gray with very dark gray streaking. Increased moisture. Wet at 8.5 ft. to 10 ft.
	Fiberous material (shingles or sheeting) at 10 ft. with much moisture.
	Moisture decreasing below 10 ft. to 14.5 ft.
	Soft with high moisture at 14.5 ft.
15	Boring terminated.

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-FF5-GG6-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 12.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1340		Description:
				17	1SS-FF5-GG6-01-01	1350		0 - 0.5 Concrete (4") and clay.
2								0.5 - 4.5 Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium stiff.
			4/5					
4								
				0	1SS-FF5-GG6-01-05	1350		4.5 - 10.5 Color change to gray/dark gray.
6								Gravelly with silt at 5-5.5 ft. with slag, cinders, and brick fragments.
8			3.5/5					
10				0				
								10.5 - 11 Sand, poorly sorted, medium to fine grained, dry.
								11 - 15 Return to silty clay, very dark gray streaking.
12				0	1SS-FF5-GG6-01-12	1355		
			2.5/5					Very soft with high moisture at 12.5 ft.
14								
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-A1-AA2-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/6/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 5.5 ft.
Total Depth:	12.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol
						1400	
				0	1SS-A1-AA2-01-01	1410	
2			1.5/5				
4							
				0	1SS-A1-AA2-01-05	1415	
6							
8			2/5				
10							
			<0.5/2	0			
12							
14							
16							
18							
20							

Description:

0 - 12 Concrete (4") over crushed gravel.

Wet at 5.5 ft.

Fine sand at 11.5 ft.

12 Refusal on rock.

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-OO10-PP11-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/7/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 12.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1125		Description:
				0	1SS-OO10-PP11-01-01	1130		0 - 0.5 Concrete (4") and gravel.
2								0.5 - 15 Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium soft to medium stiff.
			4.5/5					
4								
				0	1SS-OO10-PP11-01-05	1130		
6								
8			3/5	2				
10				4				
12				0	1SS-OO10-PP11-01-12	1135		Very soft with high moisture at 12.5 ft.
			2.5/5					
14								
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-HH5-KK6-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164
Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/7/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Field Location:

See Figure 6

Boring Diameter:	2 in.	Depth to Water:	~ 12.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol
						0900	
				0	1SS-HH5-KK6-01-01	0920	
2							
			--	0			
4							
				0	1SS-HH5-KK6-01-05	0920	
6							
8			--	0			
10				0			
12				0	1SS-HH5-KK6-01-12	0925	
			--				
14							
16							
18							
20							

Description:

0 - 0.5	Concrete (4") and gravel.
0.5 - 10.5	Fill, includes brown to grayish brown silty clay to clay, black silt, gravel, coal fragments, cinders, red brick. Moderate to low moisture.
10.5 - 15	Silty clay, medium plastic, gray to dark gray, moderate to high mosutre, medium soft. Very soft with high moisture at 12.5 ft.
15	Boring terminated.

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-KK7-LL8-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/7/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						0930		Description:
				0	1SS-KK7-LL8-01-01	0935		0 - 0.5 Concrete (4") and gravel.
2								0.5 - 4.5 Fill, includes black silt and gravel with cinders, trace sand, and some red brick. Low moisture.
			2.5/5					
4								
				0	1SS-KK7-LL8-01-05	0935		4.5 - 15 Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium soft.
6								
8			4.5/5					
10				0				
12				0				
			4.5/5					
14				0	1SS-KK7-LL8-01-14	0940		
								Very soft with high moisutre at 14.5 ft.
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-JJ8-KK9-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/7/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
				0	1SS-JJ8-KK9-01-01	0950		0 - 0.5 Concrete (4") and gravel.
2			2.5/5					0.5 - 2 Fill, includes brown silty clay, gravel and sand. Low moisture.
								2 - 12.5 Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium soft.
4								
				0	1SS-JJ8-KK9-01-05	0950		
6			4.5/5					
8								
10				0				
								Gravel with sand at 10.5 ft.
12			4/5	14				
								12.5 - 15 Color change to gray/dark gray with very dark gray streaking. Petroleum in clay fractures at 13.5-14.5 ft.
14				16	1SS-JJ8-KK9-01-14	0955		Very soft with high moisture at 14.5 ft.
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-MM6-NN7-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/7/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 12.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol
						1005	
				0	1SS-MM6-NN7-01-01	1010	
2							
			2/5				
4							
				0	1SS-MM6-NN7-01-05	1010	
6							
8			4/5	0			
10				0			
12				0	1SS-MM6-NN7-01-12	1015	
			--				
14							
16							
18							
20							

Description:

0 - 0.5	Concrete (4") and gravel.
0.5 - 1.5	Fill, includes black silt and gravel with cinders and coal fragments.
1.5 - 15	Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium stiff to medium soft.
	Very soft with high moisutre at 12.5 ft.
15	Boring terminated.

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-CC12-DD13-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/7/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 12.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1030		
				0	1SS-CC12-DD13-01-01	1040		0 - 0.5 Concrete (4") and gravel.
2			1.5/5					0.5 - 15 Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium stiff to medium soft.
4								
				0	1SS-CC12-DD13-01-05	1045		
6			4.5/5					
8				0				
10				0				
12			2.5/5	0	1SS-CC12-DD13-01-12	1050		Very soft with high mosture at 12.5 ft.
14								
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-JJ11-KK12-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/7/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 13.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1050		
				6	1SS-JJ11-KK12-01-01	1100		0 - 0.5 Concrete (6") and gravel.
					+DUPLICATE			0.5 - 15 Silty clay, medium plastic, grayish brown to light
2								grayish brown, moderate moisture, medium soft
			3/5					
4								
				11	1SS-JJ11-KK12-01-05	1100		
					+DUPLICATE			
6								
8			4.5/5					
10				3				
12								
			3/5					
				2	1SS-JJ11-KK12-01-13	1105		
14					+DUPLICATE			Very soft with high moisture at 13.5 ft.
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-LL10-MM11-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/7/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 12.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1105		
				0	1SS-LL10-MM11-01-01	1115		0 - 0.5 Concrete (4") and gravel.
2								0.5 - 15 Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium soft
			4/5					
4								
				0	1SS-LL10-MM11-01-05	1115		
6								
8			3.5/5	8				
10				3				
12				4	1SS-LL10-MM11-01-12	1120		
			2/5					Very soft with high moisture at 12.5 ft.
14								
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	TCE-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 21

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/8/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	4' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 10.5 ft.
Total Depth:	12.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						0945		Description:
				0				0 - 12 Fill, includes grayish brown silty clay with gravel,
								silt, wood fragments, red brick fragments, trace
2			3/4	0				coal fragments.
				0				Slag fragments at 3 ft.
4				0				
6			2.5/4	0				
8				0				
10			2/4	0	TCE-01-10	0950		
								Wet/saturated at 10.5 ft.
12								12 Boring terminated.
14								
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	TCE-02
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 21

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/8/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	4' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 10 ft.
Total Depth:	12.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1000		
				15				0 - 12 Fill, includes grayish brown silty clay, gravel, silt, red brick and coal fragments.
2			3/4	83				
				342	TCE-02-03	1020		
4				241				
6			2.5/4	86				
				144				Slag fragments at 7 ft.
8				232				
10			2.5/4					Wet/saturated at 10 ft.
12								12 Boring terminated
14								
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	TCE-03
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 21

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/8/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	4' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 10.5 ft.
Total Depth:	12.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol
						1029	
				53			
2			3/4	337			
4				335			
				605			
6			3/4	964			
8				1673	TCE-03-07.5	1045	
				261			
10			2.5/4				
12				773			
14							
16							
18							
20							

Description:

0 - 10.5	Fill, includes grayish brown to brown silty clay, silt, gravel, red brick fragments, trace coal and slag fragments.
	Wet/saturated at 10.5 ft.
10.5 - 12	Silty clay, medium plastic, grayish brown to light grayish brown, high moisture, soft.
	Solvent odor at bottom.
12	Boring terminated.

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	TCE-04
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 21

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/8/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	4' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 10.5 ft.
Total Depth:	12.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1049		Description:
				0				0 - 12 Fill, includes grayish brown silty clay, gravel, silt, red brick fragments, trace coal and slag fragments.
2			3/4	8				
4				18				
				21				
6			3/4					
				41				
8				162				
10			2/4					
				385	TCE-04-10	1105		Wet/saturated at 10.5 ft.
12								12 Boring terminated.
14								
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	TCE-05
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 21

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/8/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	4' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 11.5 ft.
Total Depth:	12.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1106		Description:
				0				0 - 12 Fill, includes grayish brown silty clay, gravel, silt, trace slag fragments, red brick fragments.
2			3/4	0				
				0				
4								Silty clay layer at 4-5.5 ft.
				0				
6			3.5/4	0				
				4				
8								
10			2.5/4	8				
				42	TCE-05-11	1120		
								Wet/saturated at 11.5 ft.
12								12 Boring terminated.
14								
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	TCE-06
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 21

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/8/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	4' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 8.5 ft.
Total Depth:	12.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1129		Description:
				14				0 - 6 Fill, includes grayish brown silty clay, gravel, silt, red brick fragments, slag fragments.
2			2.5/4	93				
				240				
				621				
4								
				443				
6			3/4	1238	TCE-06-06	1145		6 - 12 Silty clay, medium plastic, grayish brown to light grayish brown, high moisture, soft to very soft.
				230				
8								
								Wet/saturated at 8.5 ft.
10			2/4	291				
12								12 Boring terminated.
14								
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-O9-N10-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/5/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 13 ft.
Total Depth:	20.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						0945		
				2	1SS-O9-N10-01-01	0955		0 - 0.5 Concrete (4") and gravel.
								0.5 - 2 Silty clay to clay, medium to high plastic, grayish
2				1				brown grading to light olive gray, low moisture,
			4.5/5					gravelly, medium stiff to medium soft.
								2 - 2.5 Black silt, dry.
								2.5 - 4.5 Return to silty clay above.
4				1				
								4.5 - 5.5 Color change to dark olive gray with black silt and
				1	1SS-O9-N10-01-05	1000		cinders and red clay/brick fragments.
								5.5 - 20 Silty clay, medium plastic, grayish brown to light
6				3				grayish brown, moderate moisture, medium soft
								to soft.
				7				
			5/5					Very soft w/ high moisture at 13 ft.
8								
10				2				
12				6				
			4/5					
				5	1SS-O9-N10-01-13	1010		
14				1				
16								
18			2.5/5					
20								20 Boring terminated.

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-O12-N13-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/5/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 12 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1015		
				0	1SS-O12-N13-01-01	1025		0 - 0.5 Concrete (6").
								0.5 - 4.5 Silty clay, medium plastic, grayish brown
2				0				intermixed with light olive gray, low moisture,
			3/5					medium stiff, gravel intermixed.
4								
								4.5 - 5 Color change to dark gray. Silty with red brick
				0	1SS-O12-N13-01-05	1030		fragments.
								5 - 15 Silty clay, medium plastic, grayish brown to light
6								grayish brown, moderate to high moisture, medium
								soft to soft.
			4/5					
8								
10				0				
12				0	1SS-O12-N13-01-12	1030		Very soft w/ high moisture at 12'.
			3.5/5					
14								
				0				15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-M11-L12-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/5/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 13 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1035		
				0	1SS-M11-L12-01-01	1045		0 - 0.5 Concrete (4") over clay.
								0.5 - 14.5 Silty clay, medium plastic, grayish brown to light
2				0				grayish brown, low to moderate moisture near top
			--					increasing to high moisture at bottom, medium
								soft to soft.
4								
				0	1SS-M11-L12-01-05	1045		
6								
8			--					
10				0				
12								
			--					
				0	1SS-M11-L12-01-13	1050		High moisture to wet at 13'.
14								
								14.5 - 15 Color change to dark gray. Soft.
				0				15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-L12-K13-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/5/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 13 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1110		Description:
				0	1SS-L12-K13-01-01	1115		0 - 0.5 Concrete (4") and clay.
								0.5 - 3 Silty clay, medium plastic, grayish brown, low
2				0				moisture, medium stiff to medium soft.
			4/5					Gravelly at top.
								3 - 5 Color change to olive brown. Slight increase in
4								moisture.
				0	1SS-L12-K13-01-05	1115		5 - 7.5 Intermixed olive brown and grayish brown silty clay.
6								
8			4.5/5	0				7.5 - 15 Silty clay, medium plastic, olive gray, moderate moisture, medium soft.
								High moisture and soft at 13 ft.
10				0				Dark gray streaking from 13.5 ft. to bottom.
12								
			4/5					
				2	1SS-L12-K13-01-13	1120		
14								
				0				15 Boring terminated
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-G10-F11-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164
Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/5/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Field Location:

See Figure 6

Boring Diameter:	2 in.	Depth to Water:	~10.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1125		Description:
					1SS-G10-F11-01-01	1130		0 - 0.5 Concrete (4") and clay.
2								0.5 - 7 Silty clay, medium plastic, grayish brown, moderate moisture, medium soft.
			1.5/5					
4								
					1SS-G10-F11-01-05	1135		
6				0				
				262				7 - 15 Color change to dark gray/dark olive gray.
8			4.5/5	479				Rubble (brick, rock) near top.
10				654	1SS-G10-F11-01-10	1135		
								High moisture at ~10.5 ft.
12								
			4/5	745				
14								
				667				15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-F12-E13-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/5/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1140		
				0	1SS-F12-E13-01-01	1150		0 - 0.5 Concrete (4") and clay.
2								0.5 - 7.5 Silty clay to clay, medium plastic, low moisture, grayish brown, medium soft.
			3/5					
4				0				
				0	1SS-F12-E13-01-05	1150		
6								
				1				
8			4.5/5					7.5 - 15 Color change to gray/dark gray with increased moisture.
				3				
10				8				
				10				
12			4/5					
				17				
14				16	1SS-F12-E13-01-14	1155		
				560				Soft w/ high moisture at 14.5 ft.
								15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-H12-G13-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/5/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 14.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1200		Description:
				0	1SS-H12-G13-01-01	1210		0 - 0.5 Concrete (4") and clay.
2								0.5 - 3.5 Dark grayish brown silty clay with brown/dark brown silt, low plastic, dry.
			--					Cinders, glass fragments, red brick throughout.
4								3.5 - 14 Silty clay, medium plastic, grayish brown to light grayish brown, moderate moisture, medium soft.
				0	1SS-H12-G13-01-05	1210		
6								
8			--	0				
10				0				
12								
			--					Gravelly zone at 12.5 ft.
14				0	1SS-H12-G13-01-14	1215		14 - 15 Color change to gray/dark gray with increased moisture. Soft. High moisture at 14.5 ft.
				8				15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-J11-H12-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/5/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 13.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol
						1350	
				0	1SS-J11-H12-01-01	1400	
2				0			
			2.5/5				
4				0			
				0	1SS-J11-H12-01-05	1400	
6							
				0			
8			3.5/5				
10				0			
12							
			4/5	0	1SS-J11-H12-01-13	1405	
14							
				0			
16							
18							
20							

Description:

0 - 0.5	Concrete (4") and clay.
0.5 - 15	Silty clay, medium plastic, low moisture, medium soft, grayish brown to light grayish brown.
	High moisture at 13.5 ft.
15	Boring terminated.

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-K9-J10-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/5/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 13 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1410		
				0	1SS-K9-J10-01-01	1420		0 - 0.5 Concrete (4") and clay.
2								0.5 - 15 Silty clay, medium plastic, grayish brown to light grayish brown, low moisture, medium soft.
			3/5					
4				0				
				0	1SS-K9-J10-01-05	1420		
6								
8			4/5	0				
10				0				
12								
			2.5/5					
				0	1SS-K9-J10-01-13	1425		Slightly more gray with high moisure and soft at 13 ft.
14								
				0				15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-K6-J7-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date: 9/5/2006
Drilling Method:	Geoprobe	
Sampling Method:	Continuous	Sheet: 1 of 1
Sampler Size/Type:	5' SS Macrocore w/ liner	

Boring Diameter:	2 in.	Depth to Water:	~14.5
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1425		Description:
				0	1SS-K6-J7-01-01	1435		0 - 0.5 Concrete (4") with red brick and clay.
2								0.5 - 15 Silty clay, medium plastic, grayish brown to light grayish brown, medium soft, low moisture.
			2.5/5					
				0				
4								
				0	1SS-K6-J7-01-05	1435		Black streaking to 5 ft.
6								
8			4/5					Color change to gray at 8 ft.
10				0				
12				39				
			3.5/5					
14				57				
				423	1SS-K6-J7-01-14.5	1440		Dark gray streaking, high moisture, soft at 14.5 ft.
				331				15 Boring terminated.
16								
18								
20								

MACTEC

Log of Exploratory Boring

Client:	Location:	Boring #
ACF	St. Louis, MO	1SS-L5-K6-01
Project Name:	Carter Carburetor EE/CA	Project # 3250055164

Field Location:

See Figure 6

Driller Name:	Below Ground Surface	Date:
Drilling Method:	Geoprobe	9/5/2006
Sampling Method:	Continuous	Sheet:
Sampler Size/Type:	5' SS Macrocore w/ liner	1 of 1

Boring Diameter:	2 in.	Depth to Water:	~ 13.5 ft.
Total Depth:	15.0 ft.	Piezometer:	No
Logged By:	JEF	Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol
						1445	
				0	1SS-L5-K6-01-01	1455	
2			2.5/5				
4							
				0	1SS-L5-K6-01-05	1500	
6			4/5				
8				0			
10				0			
				29			
12				401			
				591	1SS-L5-K6-01-03	1510	
14							
16							
18							
20							

Description:

0 - 1	Concrete (10") and gravel.
1 - 11	Silty clay, medium plastic, grayish brown to light grayish brown, low to moderate moisture, medium soft.
11 - 15	Color change to gray/dark gray with very dark gray streaking.
	High moisture and very soft at 13.5 ft.
15	Boring terminated.

MACTEC

Log of Exploratory Boring

Client: ACF	Location: St. Louis, MO	Boring # 1SS-K3-J4-01
Project Name: Carter Carburetor EE/CA		Project # 3250055164
Field Location: See Figure 6	Driller Name: Below Ground Surface	Date: 9/5/2006
	Drilling Method: Geoprobe	
	Sampling Method: Continuous	Sheet: 1 of 1
	Sampler Size/Type: 5' SS Macrocore w/ liner	

Boring Diameter: 2 in.		Depth to Water:	~ 12.5 ft.
Total Depth: 15.0 ft.		Piezometer:	No
Logged By: JEF		Approved By:	DLB

Depth (ft)	Graphic Log	Sampler Location	Sample Recovery	Analyses/Tests: OVM Reading (ppm)	Analyses/Tests: Lab Sample ID	Time	USCS Symbol	Description
						1515		Description:
				0	1SS-K3-J4-01-01	1525		0 - 1.5 Concrete
2								1.5 - 10.5 Silty clay with gravel, medium plastic, grayish brown, low moisture, medium stiff to medium soft.
			2/5					
				0				
4								
				2	1SS-K3-J4-01-05	1530		
6								
8			3/5	0				
				43				
10				305				
								10.5 - 15 Color change to gray/dark gray with very dark gray streaking.
				603				
12				649	1SS-K3-J4-01-12	1535		
			2.5/5					High moisture and soft at 12.5 ft.
14								
								15 Boring terminated.
16								
18								
20								

APPENDIX C

Data Validation Report
Of
Carter Carburetor Site
St. Louis, Missouri

Prepared for:

United States Environmental Protection Agency
Region VII

Prepared by:

MACTEC Engineering and Consulting, Inc.
3199 Riverport Drive
St. Louis, MO 63045

SDG Number 609264
October 2006

Table of Contents

1.0 Introduction

This report summarizes the findings of the data validation of twenty-two (22) non-aqueous samples with a field duplicate sample . These samples were collected on May 26 and May 31, 2006 as part of the Site Investigation for the Engineering Evaluation and Cost Analysis (EE/CA) at the Carter Carburetor Site in St. Louis, Missouri. These samples were analyzed for Polychlorinated Biphenyls (PCBs) by United States Environmental Protection Agency (USEPA) Method 8082. The data were reviewed in accordance with the Site Specific Quality Assurance Project Plan (QAPP) and the principles presented of *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (October 1999).* The analysis methods provided additional guidance during the data validation effort.

The data were reviewed, where applicable, for compliance with analytical holding times, initial calibrations and continuing calibrations,. The data were also reviewed for compliance to accuracy limits for surrogate recoveries, laboratory control samples (LCS), matrix spike (MS) and matrix spike duplicate (MSD) recoveries. If present, matrix duplicate samples and co-located field samples were evaluated to assess compliance with precision requirements. Laboratory method blank and field blank results were reviewed for evidence of contamination and potential impacts on the project sample results. Compound identification and quantitation were evaluated in the samples that received Level IV (full) data validation.

2.0 Executive Summary

All samples were analyzed as requested in SDG PDQ13. All data met the data quality objective (DQO) of a Level IV data package. The data, as qualified, are useable for their intended purpose.

3.0 PCBs (SW846 8082)

The areas of review are listed below. A check mark (✓) indicates an area of review in which all data were acceptable without qualification, a crossed square (☒) signifies an area where issue(s) raised during the validation impacted data quality and/or usability.

- ✓ Data Completeness
- ✓ Holding Times and Preservation
- ✓ Blanks
- ✓ Calibrations
- ✓ Surrogates
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Field Duplicates
- ✓ Compound Identification and Quantitation.

3.1 Data Completeness

The data package was complete.

3.2 Holding Times and Preservation

All analytical holding times were met for this data. No preservatives were required. All samples were received at 2.1°C.

3.3 Blanks

Two (2) method blanks were extracted with the field samples and Quality Control (QC) samples. Both method blanks did not contain positive results for PCBs. Qualification of the field samples was not required.

3.4 Calibrations

The initial and continuing calibrations were acceptable. Several of the individual quantitation aroclor peaks did not meet the %RSD/%D criteria. However, when averaged with the other quantitation peaks, the %RSDs and %Ds were acceptable. No qualifications are required.

3.5 Surrogates

One sample exhibited a non compliant surrogate recovery that was attributed to dilutions. Sample 1CR-FF10-GG13-02-01 required a 1:10 dilution for the presence of Aroclor 1248 (AR1248). No qualification is required.

3.6 Matrix Spikes/Matrix Spike Duplicates

No matrix spikes were analyzed with the soil samples, since the original samples required dilutions due to the presence of PCBs. The laboratory control samples (LCS) demonstrated satisfactory recovery of target analytes during extraction workup of the QA/QC sample group.

3.7 Field Duplicates

The sample designated at the duplicate was 1CR-B10-A13-01-01. The field sample exhibited a positive result for AR1248 at 242000 µg/Kg. The field duplicate sample exhibited a positive result for AR1248 at 272000 µg/Kg. The RPD for the field duplicate pair was 11.7% which is within the 20% control limit.

3.8 Compound Identification and Quantitation

No qualifications were required.

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document
The chain-of-Custody is a LEGAL DOCUMENT. All relvant fields must be completed accurately

Page: 1 of 3

Required Client Information: Section A

Required Client Information: Section B

Required Client InFormation:

Company:	Mactec	Report To:	Gene Watson	Email Results:		Copy To:	
Address:	3199 Riverport Tech Ctr. Dr.	P. O.		Requested Due Date:			
	St. Louis MO 63043	Project Name:	Carter Carburetor	Quote Reference:			
Phone:	314-209-5900	Site Address:	1800Block Grand Ave	Project Manager	Gene Watson	Invoice To:	
Fax:	314-209-5929		St. Louis, Missouri	Project #	3250055164		
Location: (State)	Missouri	Project No:		Profile #			

ITEM NUMBER	Required Client Information: SAMPLE ID (print clearly)	Matrix ID: Water Tissue Soil (Other:) Oil CONCRETE Wipe Air	Sample Matrix	Date Collected	Time Collected	# of Containers	Preservatives: Unpreserved	H2S04	HN03	HCl	NaOH	TSP or Na2s203	Methanol	Requested Analysis: PCB'S		REMARKS / LAB ID
1	ICR-FF10-GG13-02-01		Concrete	5/26/06	1016	1								X	(2PLG)	001
2	ICR-FF10-GG13-01-01		Concrete		1017	1										002
3	ICR-EE10-FF13-01-01		Concrete		1020	1										003
4	ICR-EE10-FF13-02-01		Concrete		1023	1										004
5	ICR-DD10-EE13-01-01		Concrete		1026	1										005
6	ICR-DD10-EE13-02-01		Concrete		1028	1										006
7																
8																
9																
10																
11																
12																

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM#
Courier	NA	6/1/06	1	23

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	6/1/06	9:00	[signature] FACE	6/1/06	0915
[signature] FACE	6/1/06	1700	[signature]	6/2/06	10:10

SAMPLE CONDITION:

Temp in C	2.1
Received on ice	(Y) N
Sealed Cooler	(Y) N
Sample Intact	(Y) N

SAMPLE NOTES:

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT NAME OF SAMPLER: Paul Dawson

SIGNATURE OF SAMPLER: [signature]

DATE SIGNED: 5.26.06

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document
The chain-of-Custody is a LEGAL DOCUMENT. All relvant fields must be completed accurately

Page: 2 of 3

Required Client Information: Section A

Company:	Mactec	Report To:	Gene Watson
Address:	3199 Riverport Tech Ctr. Dr.	P. O.	
	St. Louis MO 63043	Project Name:	Carter Carburetor
Phone:	314-209-5900	Site Address:	1600 Block Grand Ave
Fax:	314-209-5929		St. Louis, Missouri
Location: (State)	Missouri	Project No:	325005516.4

Required Client Information: Section B

Email Results:	
Requested Due Date:	
Qucte Reference:	
Project Manager	Gene Watson
Project #	325005516.4
Profile #	

Required Client Information:

Copy To:	
Invoice To:	

Matrix ID: Water, Tissue, Soil, (Other: Concrete), Oil, Wipe, Air

ITEM NUMBER	SAMPLE ID (print clearly)	Sample Matrix	Date Collected	Time Collected	# of Containers	Preservatives: Unpreserved	H2S04	HN03	HCl	NaOH	TSP or Na2s203	Methanol	Requested Analysis: PCB'S	REMARKS / LAB ID
1	ICR-DD9-BB10-01-01	Concrete	5/31/06	1005	1								✓	007
2	ICR-DD9-BB10-02-01	Concrete	5/31/06	1020	1								✓	008
3	ICR-AA9-DD10-01-01	Concrete	5/31/06	1036	1								✓	009
4	ICR-AA9-DD10-02-01	Concrete	5/31/06	1047	1								✓	010
5	ICR-AA10-BB13-01-01	Concrete	5/31/06	1205	1								✓	011
6	ICR-AA10-BB13-02-01	Concrete	5/31/06	1209	1								✓	012
7	ICR-BB10-CC13-01-01	Concrete	5/31/06	1207	1								✓	013
8	ICR-BB10-CC13-02-01	Concrete	5/31/06	1212	1								✓	014
9	ICR-CC10-DD13-01-01	Concrete	5/31/06	1216	1								✓	015
10	ICR-CC10-DD13-02-01	Concrete	5/31/06	1214	1								✓	016
11	ICR-A10-AA13-01-01	Concrete	5/31/06	1335	1								✓	017
12	ICR-A10-AA13-02-01	Concrete	5/31/06	1336	1								✓	018

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM#
Courier	NA	6/1/06	1	23

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendy Wooding	6/1/06	9:00	[illegible] / PACE	6/1/06	0915
[illegible] / PACE	6/1/06	1700	[illegible]	6/2/06	10:10

SAMPLE CONDITION:

Temp in C	21
Received on ice	(Y) / N
Sealed Cooler	(Y) / N
Sample Intact	(Y) / N

SAMPLE NOTES:

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT NAME OF SAMPLER: Wendy Wooding & Chris Tedder

SIGNATURE OF SAMPLER: Wendy Wooding

DATE SIGNED: 6/1/06

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document
The chain-of-Custody is a LEGAL DOCUMENT. All relvant fields must be completed accurately

Page: 3 of 3

Required Client Information: Section A | Required Client Information: Section B | Required Client InFormation:

Company:	Mactec	Report To:	Gene Watson	Email Results:			
Address:	3199 Riverport Tech Ctr. Dr.	P. O.		Requested Due Date:		Copy To:	
	St. Louis MO 63043	Project Name:	Carter Carburetor	Quote Reference:			
Phone:	314-209-5900	Site Address:	1800 Block Grand Ave	Project Manager	Gene Watson	Invoice To:	
Fax:	314-209-5929		St. Louis, Missouri	Project #	325005516Y		
Location: (State)	Missouri	Project No:	325005516Y	Profile #			

ITEM NUMBER	Required Client Information: SAMPLE ID (print clearly)	Matrix ID: Water Tissue Soil (Other: Concrete) Oil Wipe Air	Sample Matrix	Date Collected	Time Collected	# of Containers	Preservatives: Unpreserved	H2S04	HN03	HCl	NaOH	TSP or Na2s203	Methanol	Requested Analysis: PCB'S	REMARKS / LAB ID
1	ICR-B10-A13-01-01		Concrete	5/31/06	1344	1								✓	019
2	ICR-B10-A13-02-01		Concrete	5/31/06	1345	1								✓	020
3	ICR-C10-B13-01-01		Concrete	5/31/06	1350	1								✓	021
4	ICR-C10-B13-02-01		Concrete	5/31/06	1351	1								✓	022
5	ICR-B10-A13-01-01-Dup DLB		Concrete	5/31/06	1344	1								✓	023
6															
7															
8															
9															
10															
11															
12															

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM#
Courier	NA	6/1/06	1	23

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendy Wooding / PACE	6/1/06	9:00	[illegible] / PACE	6/1/06	0915
Wendy Wooding / PACE	6/1/06	1700	[illegible]	6/2/06	10:10

SAMPLE CONDITION:

Temp in C	2.1
Received on ice	(Y) / N
Sealed Cooler	(Y) / N
Sample Intact	(Y) / N

SAMPLE NOTES:

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT NAME OF SAMPLER: Wendy Wooding & Chris Tedder

SIGNATURE OF SAMPLER: Wendy Wooding

DATE SIGNED: 6/1/06

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

SAMPLE SUMMARY

Project: Carter Carburetor
Pace Project No.: 609264

Lab ID	Sample ID	Matrix	Date Collected	Date Received
609264001	ICR-FF10-GG13-02-01	Solid	05/26/06 10:16	06/02/06 10:10
609264002	ICR-FF10-GG13-01-01	Solid	05/26/06 10:17	06/02/06 10:10
609264003	ICR-EE10-FF13-01-01	Solid	05/26/06 10:20	06/02/06 10:10
609264004	ICR-EE10-FF13-02-01	Solid	05/26/06 10:23	06/02/06 10:10
609264005	ICR-DD10-EE13-01-01	Solid	05/26/06 10:26	06/02/06 10:10
609264006	ICR-DD10-EE13-02-01	Solid	05/26/06 10:28	06/02/06 10:10
609264007	ICR-DD9-GG10-01-01	Solid	05/31/06 10:05	06/02/06 10:10
609264008	ICR-DD9-GG10-02-01	Solid	05/31/06 10:20	06/02/06 10:10
609264009	ICR-AA9-DD10-01-01	Solid	05/31/06 10:36	06/02/06 10:10
609264010	ICR-AA9-DD10-02-01	Solid	05/31/06 10:47	06/02/06 10:10
609264011	ICR-AA10-BB13-01-01	Solid	05/31/06 12:05	06/02/06 10:10
609264012	ICR-AA10-BB13-02-01	Solid	05/31/06 12:09	06/02/06 10:10
609264013	ICR-BB10-CC13-01-01	Solid	05/31/06 12:07	06/02/06 10:10
609264014	ICR-BB10-CC13-02-01	Solid	05/31/06 12:12	06/02/06 10:10
609264015	ICR-CC10-DD13-01-01	Solid	05/31/06 12:16	06/02/06 10:10
609264016	ICR-CC10-DD13-02-01	Solid	05/31/06 12:14	06/02/06 10:10
609264017	ICR-A10-AA13-01-01	Solid	05/31/06 13:35	06/02/06 10:10
609264018	ICR-A10-AA13-02-01	Solid	05/31/06 13:36	06/02/06 10:10
609264019	ICR-B10-A13-01-01	Solid	05/31/06 13:44	06/02/06 10:10
609264020	ICR-B10-A13-02-01	Solid	05/31/06 13:45	06/02/06 10:10
609264021	ICR-C10-B13-01-01	Solid	05/31/06 13:50	06/02/06 10:10
609264022	ICR-C10-B13-02-01	Solid	05/31/06 13:51	06/02/06 10:10
609264023	ICR-B10-A13-01-01-DUP	Solid	05/31/06 13:44	06/02/06 10:10

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

SAMPLE ANALYTE COUNT

Project: Carter Carburetor
Pace Project No.: 609264

Lab ID	Sample ID	Method	Analytes Reported
609264001	ICR-FF10-GG13-02-01	EPA 8082	9
609264002	ICR-FF10-GG13-01-01	EPA 8082	9
609264003	ICR-EE10-FF13-01-01	EPA 8082	9
609264004	ICR-EE10-FF13-02-01	EPA 8082	9
609264005	ICR-DD10-EE13-01-01	EPA 8082	9
609264006	ICR-DD10-EE13-02-01	EPA 8082	9
609264007	ICR-DD9-GG10-01-01	EPA 8082	9
609264008	ICR-DD9-GG10-02-01	EPA 8082	9
609264009	ICR-AA9-DD10-01-01	EPA 8082	9
609264010	ICR-AA9-DD10-02-01	EPA 8082	9
609264011	ICR-AA10-BB13-01-01	EPA 8082	9
609264012	ICR-AA10-BB13-02-01	EPA 8082	9
609264013	ICR-BB10-CC13-01-01	EPA 8082	9
609264014	ICR-BB10-CC13-02-01	EPA 8082	9
609264015	ICR-CC10-DD13-01-01	EPA 8082	9
609264016	ICR-CC10-DD13-02-01	EPA 8082	9
609264017	ICR-A10-AA13-01-01	EPA 8082	9
609264018	ICR-A10-AA13-02-01	EPA 8082	9
609264019	ICR-B10-A13-01-01	EPA 8082	9
609264020	ICR-B10-A13-02-01	EPA 8082	9
609264021	ICR-C10-B13-01-01	EPA 8082	9
609264022	ICR-C10-B13-02-01	EPA 8082	9
609264023	ICR-B10-A13-01-01-DUP	EPA 8082	9

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 6621[illegible]
Phone: (913)599-566[illegible]
Fax: (913)599-175[illegible]

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-FF10-GG13-02-01 **Lab ID: 609264001** Collected: 05/26/06 10:16 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	47800	100	06/02/06 00:00	06/06/06 07:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	47800	100	06/02/06 00:00	06/06/06 07:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	47800	100	06/02/06 00:00	06/06/06 07:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	47800	100	06/02/06 00:00	06/06/06 07:50	53469-21-9	
PCB-1248 (Aroclor 1248)	**137000**	ug/kg	47800	100	06/02/06 00:00	06/06/06 07:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	47800	100	06/02/06 00:00	06/06/06 07:50	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	47800	100	06/02/06 00:00	06/06/06 07:50	11096-82-5	
Tetrachloro-m-xylene (S)	109	%	28-134	100	06/02/06 00:00	06/06/06 07:50	877-09-8	
Decachlorobiphenyl (S)	263	%	30-141	100	06/02/06 00:00	06/06/06 07:50	2051-24-3	1e

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 6621
Phone: (913)599-566
Fax: (913)599-175

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-FF10-GG13-01-01 **Lab ID: 609264002** Collected: 05/26/06 10:17 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	4950	10	06/02/06 00:00	06/06/06 18:22	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	4950	10	06/02/06 00:00	06/06/06 18:22	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	4950	10	06/02/06 00:00	06/06/06 18:22	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	4950	10	06/02/06 00:00	06/06/06 18:22	53469-21-9	
PCB-1248 (Aroclor 1248)	**39000**	ug/kg	4950	10	06/02/06 00:00	06/06/06 18:22	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	4950	10	06/02/06 00:00	06/06/06 18:22	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	4950	10	06/02/06 00:00	06/06/06 18:22	11096-82-5	
Tetrachloro-m-xylene (S)	95	%	28-134	10	06/02/06 00:00	06/06/06 18:22	877-09-8	
Decachlorobiphenyl (S)	111	%	30-141	10	06/02/06 00:00	06/06/06 18:22	2051-24-3	

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-EE10-FF13-01-01 **Lab ID: 609264003** Collected: 05/26/06 10:20 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	48800	100	06/02/06 00:00	06/06/06 08:25	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48800	100	06/02/06 00:00	06/06/06 08:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48800	100	06/02/06 00:00	06/06/06 08:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48800	100	06/02/06 00:00	06/06/06 08:25	53469-21-9	
PCB-1248 (Aroclor 1248)	**84100**	ug/kg	48800	100	06/02/06 00:00	06/06/06 08:25	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48800	100	06/02/06 00:00	06/06/06 08:25	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48800	100	06/02/06 00:00	06/06/06 08:25	11096-82-5	
Tetrachloro-m-xylene (S)	95	%	28-134	100	06/02/06 00:00	06/06/06 08:25	877-09-8	
Decachlorobiphenyl (S)	125	%	30-141	100	06/02/06 00:00	06/06/06 08:25	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-EE10-FF13-02-01 **Lab ID: 609264004** Collected: 05/26/06 10:23 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	47400	100	06/02/06 00:00	06/06/06 08:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	47400	100	06/02/06 00:00	06/06/06 08:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	47400	100	06/02/06 00:00	06/06/06 08:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	47400	100	06/02/06 00:00	06/06/06 08:42	53469-21-9	
PCB-1248 (Aroclor 1248)	**153000**	ug/kg	47400	100	06/02/06 00:00	06/06/06 08:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	47400	100	06/02/06 00:00	06/06/06 08:42	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	47400	100	06/02/06 00:00	06/06/06 08:42	11096-82-5	
Tetrachloro-m-xylene (S)	93	%	28-134	100	06/02/06 00:00	06/06/06 08:42	877-09-8	
Decachlorobiphenyl (S)	122	%	30-141	100	06/02/06 00:00	06/06/06 08:42	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-DD10-EE13-01-01 **Lab ID: 609264005** Collected: 05/26/06 10:26 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	4900	10	06/02/06 00:00	06/06/06 18:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	4900	10	06/02/06 00:00	06/06/06 18:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	4900	10	06/02/06 00:00	06/06/06 18:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	4900	10	06/02/06 00:00	06/06/06 18:39	53469-21-9	
PCB-1248 (Aroclor 1248)	**31900**	ug/kg	4900	10	06/02/06 00:00	06/06/06 18:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	4900	10	06/02/06 00:00	06/06/06 18:39	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	4900	10	06/02/06 00:00	06/06/06 18:39	11096-82-5	
Tetrachloro-m-xylene (S)	93	%	28-134	10	06/02/06 00:00	06/06/06 18:39	877-09-8	
Decachlorobiphenyl (S)	106	%	30-141	10	06/02/06 00:00	06/06/06 18:39	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-DD10-EE13-02-01 **Lab ID: 609264006** Collected: 05/26/06 10:28 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	483	1	06/02/06 00:00	06/06/06 18:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	483	1	06/02/06 00:00	06/06/06 18:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	483	1	06/02/06 00:00	06/06/06 18:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	483	1	06/02/06 00:00	06/06/06 18:57	53469-21-9	
PCB-1248 (Aroclor 1248)	**2850**	ug/kg	483	1	06/02/06 00:00	06/06/06 18:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	483	1	06/02/06 00:00	06/06/06 18:57	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	483	1	06/02/06 00:00	06/06/06 18:57	11096-82-5	
Tetrachloro-m-xylene (S)	77	%	28-134	1	06/02/06 00:00	06/06/06 18:57	877-09-8	
Decachlorobiphenyl (S)	75	%	30-141	1	06/02/06 00:00	06/06/06 18:57	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-DD9-GG10-01-01 **Lab ID: 609264007** Collected: 05/31/06 10:05 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:14	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:14	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:14	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:14	53469-21-9	
PCB-1248 (Aroclor 1248)	**16200**	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:14	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:14	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:14	11096-82-5	
Tetrachloro-m-xylene (S)	86	%	28-134	10	06/02/06 00:00	06/06/06 19:14	877-09-8	
Decachlorobiphenyl (S)	94	%	30-141	10	06/02/06 00:00	06/06/06 19:14	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-DD9-GG10-02-01 **Lab ID: 609264008** Collected: 05/31/06 10:20 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 09:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 09:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 09:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 09:52	53469-21-9	
PCB-1248 (Aroclor 1248)	**71000**	ug/kg	48300	100	06/02/06 00:00	06/06/06 09:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 09:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 09:52	11096-82-5	
Tetrachloro-m-xylene (S)	92	%	28-134	100	06/02/06 00:00	06/06/06 09:52	877-09-8	
Decachlorobiphenyl (S)	120	%	30-141	100	06/02/06 00:00	06/06/06 09:52	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-AA9-DD10-01-01 **Lab ID: 609264009** Collected: 05/31/06 10:36 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	966	2	06/02/06 00:00	06/06/06 19:32	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	966	2	06/02/06 00:00	06/06/06 19:32	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	966	2	06/02/06 00:00	06/06/06 19:32	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	966	2	06/02/06 00:00	06/06/06 19:32	53469-21-9	
PCB-1248 (Aroclor 1248)	**5380**	ug/kg	966	2	06/02/06 00:00	06/06/06 19:32	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	966	2	06/02/06 00:00	06/06/06 19:32	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	966	2	06/02/06 00:00	06/06/06 19:32	11096-82-5	
Tetrachloro-m-xylene (S)	80	%	28-134	2	06/02/06 00:00	06/06/06 19:32	877-09-8	
Decachlorobiphenyl (S)	73	%	30-141	2	06/02/06 00:00	06/06/06 19:32	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-AA9-DD10-02-01 **Lab ID: 609264010** Collected: 05/31/06 10:47 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:49	53469-21-9	
PCB-1248 (Aroclor 1248)	**17800**	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:49	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 19:49	11096-82-5	
Tetrachloro-m-xylene (S)	88	%	28-134	10	06/02/06 00:00	06/06/06 19:49	877-09-8	
Decachlorobiphenyl (S)	99	%	30-141	10	06/02/06 00:00	06/06/06 19:49	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-AA10-BB13-01-01 **Lab ID: 609264011** Collected: 05/31/06 12:05 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:06	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:06	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:06	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:06	53469-21-9	
PCB-1248 (Aroclor 1248)	**38300**	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:06	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:06	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:06	11096-82-5	
Tetrachloro-m-xylene (S)	89	%	28-134	10	06/02/06 00:00	06/06/06 20:06	877-09-8	
Decachlorobiphenyl (S)	89	%	30-141	10	06/02/06 00:00	06/06/06 20:06	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-AA10-BB13-02-01 **Lab ID: 609264012** Collected: 05/31/06 12:09 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:11	53469-21-9	
PCB-1248 (Aroclor 1248)	**469000**	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:11	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:11	11096-82-5	
Tetrachloro-m-xylene (S)	92	%	28-134	100	06/02/06 00:00	06/06/06 12:11	877-09-8	
Decachlorobiphenyl (S)	126	%	30-141	100	06/02/06 00:00	06/06/06 12:11	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-BB10-CC13-01-01 **Lab ID: 609264013** Collected: 05/31/06 12:07 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:24	53469-21-9	
PCB-1248 (Aroclor 1248)	**26800**	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:24	11096-82-5	
Tetrachloro-m-xylene (S)	91	%	28-134	10	06/02/06 00:00	06/06/06 20:24	877-09-8	
Decachlorobiphenyl (S)	104	%	30-141	10	06/02/06 00:00	06/06/06 20:24	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-BB10-CC13-02-01 **Lab ID: 609264014** Collected: 05/31/06 12:12 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:46	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:46	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:46	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:46	53469-21-9	
PCB-1248 (Aroclor 1248)	**200000**	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:46	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:46	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 12:46	11096-82-5	
Tetrachloro-m-xylene (S)	94	%	28-134	100	06/02/06 00:00	06/06/06 12:46	877-09-8	
Decachlorobiphenyl (S)	122	%	30-141	100	06/02/06 00:00	06/06/06 12:46	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-CC10-DD13-01-01 **Lab ID: 609264015** Collected: 05/31/06 12:16 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:41	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:41	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:41	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:41	53469-21-9	
PCB-1248 (Aroclor 1248)	**10000**	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:41	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:41	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	4830	10	06/02/06 00:00	06/06/06 20:41	11096-82-5	
Tetrachloro-m-xylene (S)	93	%	28-134	10	06/02/06 00:00	06/06/06 20:41	877-09-8	
Decachlorobiphenyl (S)	98	%	30-141	10	06/02/06 00:00	06/06/06 20:41	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-CC10-DD13-02-01 **Lab ID: 609264016** Collected: 05/31/06 12:14 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:21	53469-21-9	
PCB-1248 (Aroclor 1248)	**236000**	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:21	11096-82-5	
Tetrachloro-m-xylene (S)	99	%	28-134	100	06/02/06 00:00	06/06/06 13:21	877-09-8	
Decachlorobiphenyl (S)	131	%	30-141	100	06/02/06 00:00	06/06/06 13:21	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-A10-AA13-01-01 **Lab ID: 609264017** Collected: 05/31/06 13:35 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:38	53469-21-9	
PCB-1248 (Aroclor 1248)	**91000**	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:38	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 13:38	11096-82-5	
Tetrachloro-m-xylene (S)	95	%	28-134	100	06/02/06 00:00	06/06/06 13:38	877-09-8	
Decachlorobiphenyl (S)	123	%	30-141	100	06/02/06 00:00	06/06/06 13:38	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-A10-AA13-02-01 **Lab ID: 609264018** Collected: 05/31/06 13:36 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	4830	10	06/02/06 00:00	06/07/06 13:02	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	4830	10	06/02/06 00:00	06/07/06 13:02	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	4830	10	06/02/06 00:00	06/07/06 13:02	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	4830	10	06/02/06 00:00	06/07/06 13:02	53469-21-9	
PCB-1248 (Aroclor 1248)	**16600**	ug/kg	4830	10	06/02/06 00:00	06/07/06 13:02	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	4830	10	06/02/06 00:00	06/07/06 13:02	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	4830	10	06/02/06 00:00	06/07/06 13:02	11096-82-5	
Tetrachloro-m-xylene (S)	83	%	28-134	10	06/02/06 00:00	06/07/06 13:02	877-09-8	
Decachlorobiphenyl (S)	92	%	30-141	10	06/02/06 00:00	06/07/06 13:02	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-B10-A13-01-01 **Lab ID: 609264019** Collected: 05/31/06 13:44 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:13	53469-21-9	
PCB-1248 (Aroclor 1248)	**242000**	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:13	11096-82-5	
Tetrachloro-m-xylene (S)	85	%	28-134	100	06/02/06 00:00	06/06/06 14:13	877-09-8	
Decachlorobiphenyl (S)	110	%	30-141	100	06/02/06 00:00	06/06/06 14:13	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-B10-A13-02-01 **Lab ID: 609264020** Collected: 05/31/06 13:45 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:30	53469-21-9	
PCB-1248 (Aroclor 1248)	**177000**	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:30	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:30	11096-82-5	
Tetrachloro-m-xylene (S)	87	%	28-134	100	06/02/06 00:00	06/06/06 14:30	877-09-8	
Decachlorobiphenyl (S)	133	%	30-141	100	06/02/06 00:00	06/06/06 14:30	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-C10-B13-01-01 **Lab ID: 609264021** Collected: 05/31/06 13:50 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	23800	50	06/09/06 00:00	06/09/06 17:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	23800	50	06/09/06 00:00	06/09/06 17:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	23800	50	06/09/06 00:00	06/09/06 17:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	23800	50	06/09/06 00:00	06/09/06 17:53	53469-21-9	
PCB-1248 (Aroclor 1248)	**43900**	ug/kg	23800	50	06/09/06 00:00	06/09/06 17:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	23800	50	06/09/06 00:00	06/09/06 17:53	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	23800	50	06/09/06 00:00	06/09/06 17:53	11096-82-5	
Tetrachloro-m-xylene (S)	93	%	28-134	50	06/09/06 00:00	06/09/06 17:53	877-09-8	
Decachlorobiphenyl (S)	113	%	30-141	50	06/09/06 00:00	06/09/06 17:53	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-C10-B13-02-01 **Lab ID: 609264022** Collected: 05/31/06 13:51 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	24400	50	06/09/06 00:00	06/09/06 18:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	24400	50	06/09/06 00:00	06/09/06 18:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	24400	50	06/09/06 00:00	06/09/06 18:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	24400	50	06/09/06 00:00	06/09/06 18:11	53469-21-9	
PCB-1248 (Aroclor 1248)	**136000**	ug/kg	24400	50	06/09/06 00:00	06/09/06 18:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	24400	50	06/09/06 00:00	06/09/06 18:11	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	24400	50	06/09/06 00:00	06/09/06 18:11	11096-82-5	
Tetrachloro-m-xylene (S)	91	%	28-134	50	06/09/06 00:00	06/09/06 18:11	877-09-8	
Decachlorobiphenyl (S)	124	%	30-141	50	06/09/06 00:00	06/09/06 18:11	2051-24-3	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

ANALYTICAL RESULTS

Project: Carter Carburetor
Pace Project No.: 609264

Sample: ICR-B10-A13-01-01-DUP **Lab ID: 609264023** Collected: 05/31/06 13:44 Received: 06/02/06 10:10 Matrix: Solid

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:48	53469-21-9	
PCB-1248 (Aroclor 1248)	**272000**	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:48	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48300	100	06/02/06 00:00	06/06/06 14:48	11096-82-5	
Tetrachloro-m-xylene (S)	93	%	28-134	100	06/02/06 00:00	06/06/06 14:48	877-09-8	
Decachlorobiphenyl (S)	121	%	30-141	100	06/02/06 00:00	06/06/06 14:48	2051-24-3	

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

QUALITY CONTROL DATA

Project: Carter Carburetor
Pace Project No.: 609264

QC Batch: OEXT/2949 Analysis Method: EPA 8082
QC Batch Method: EPA 3550 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 609264001, 609264002, 609264003, 609264004, 609264005, 609264006, 609264007, 609264008, 609264009, 609264010, 609264011, 609264012, 609264013, 609264014, 609264015, 609264016, 609264017, 609264018, 609264019, 609264020, 609264023

METHOD BLANK: 72908
Associated Lab Samples: 609264001, 609264002, 609264003, 609264004, 609264005, 609264006, 609264007, 609264008, 609264009, 609264010, 609264011, 609264012, 609264013, 609264014, 609264015, 609264016, 609264017, 609264018, 609264019, 609264020, 609264023

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	33.0	
PCB-1221 (Aroclor 1221)	ug/kg	ND	33.0	
PCB-1232 (Aroclor 1232)	ug/kg	ND	33.0	
PCB-1242 (Aroclor 1242)	ug/kg	ND	33.0	
PCB-1248 (Aroclor 1248)	ug/kg	ND	33.0	
PCB-1254 (Aroclor 1254)	ug/kg	ND	33.0	
PCB-1260 (Aroclor 1260)	ug/kg	ND	33.0	
Tetrachloro-m-xylene (S)	%	77	28-134	
Decachlorobiphenyl (S)	%	83	30-141	

LABORATORY CONTROL SAMPLE: 72909

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	167	131	79	68-115	M4
PCB-1260 (Aroclor 1260)	ug/kg	167	150	90	73-119	M4
Tetrachloro-m-xylene (S)	%			77	28-134	
Decachlorobiphenyl (S)	%			84	30-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

QUALITY CONTROL DATA

Project: Carter Carburetor
Pace Project No.: 609264

QC Batch: OEXT/2995
QC Batch Method: EPA 3550
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Associated Lab Samples: 609264021, 609264022

METHOD BLANK: 74708
Associated Lab Samples: 609264021, 609264022

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	33.0	
PCB-1221 (Aroclor 1221)	ug/kg	ND	33.0	
PCB-1232 (Aroclor 1232)	ug/kg	ND	33.0	
PCB-1242 (Aroclor 1242)	ug/kg	ND	33.0	
PCB-1248 (Aroclor 1248)	ug/kg	ND	33.0	
PCB-1254 (Aroclor 1254)	ug/kg	ND	33.0	
PCB-1260 (Aroclor 1260)	ug/kg	ND	33.0	
Tetrachloro-m-xylene (S)	%	79	28-134	
Decachlorobiphenyl (S)	%	92	30-141	

LABORATORY CONTROL SAMPLE: 74709

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	167	121	73	68-115	2e
PCB-1260 (Aroclor 1260)	ug/kg	167	133	80	73-119	
Tetrachloro-m-xylene (S)	%			78	28-134	
Decachlorobiphenyl (S)	%			82	30-141	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

QUALIFIERS

Project: Carter Carburetor
Pace Project No.: 609264

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

ANALYTE QUALIFIERS

M4	A matrix spike/matrix spike duplicate was not performed for this batch due to sample dilution.
1e	Surrogate recovery outside laboratory control limits due to sample dilution.
2e	The Matrix Spike and Matrix Spike Duplicate (MS/MSD) compound recovery information is not available. The randomly selected sample used for spiking purposes required a dilution due to high level of target analyte(s). The Laboratory Control Spike (LCS) demonstrates satisfactory recovery of target analytes during extraction workup of the QA/QC sample group.

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: (913)599-5665
Fax: (913)599-1759

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Carter Carburetor
Pace Project No.: 609264

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
609264001	**ICR-FF10-GG13-02-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264002	**ICR-FF10-GG13-01-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264003	**ICR-EE10-FF13-01-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264004	**ICR-EE10-FF13-02-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264005	**ICR-DD10-EE13-01-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264006	**ICR-DD10-EE13-02-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264007	**ICR-DD9-GG10-01-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264008	**ICR-DD9-GG10-02-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264009	**ICR-AA9-DD10-01-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264010	**ICR-AA9-DD10-02-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264011	**ICR-AA10-BB13-01-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264012	**ICR-AA10-BB13-02-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264013	**ICR-BB10-CC13-01-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264014	**ICR-BB10-CC13-02-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264015	**ICR-CC10-DD13-01-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264016	**ICR-CC10-DD13-02-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264017	**ICR-A10-AA13-01-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264018	**ICR-A10-AA13-02-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264019	**ICR-B10-A13-01-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264020	**ICR-B10-A13-02-01**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264023	**ICR-B10-A13-01-01-DUP**	EPA 3550	OEXT/2949	EPA 8082	GCSV/1878
609264021	**ICR-C10-B13-01-01**	EPA 3550	OEXT/2995	EPA 8082	GCSV/1903
609264022	**ICR-C10-B13-02-01**	EPA 3550	OEXT/2995	EPA 8082	GCSV/1903