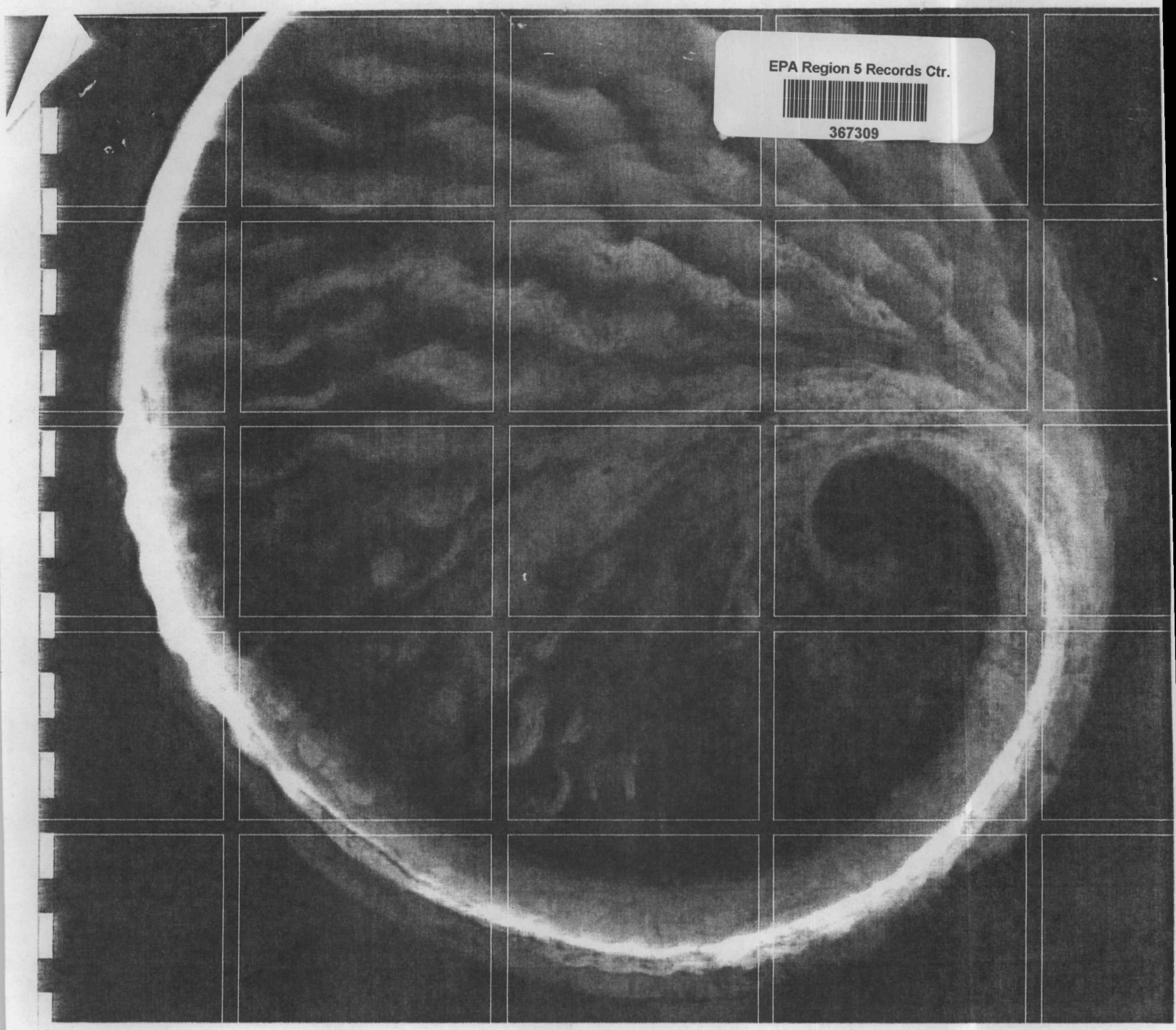

EPA Region 5 Records Ctr.
367309

Rogers Cartage Site
Shallow Soil Investigation

3300 Mississippi Avenue
Cahokia, Illinois 62206

June 12, 2008

ERM Project W.O. 0080214

Delivering sustainable solutions in a more competitive world

ERM

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1.0 *INTRODUCTION AND BACKGROUND*

This report has been prepared for ConocoPhillips Pipe Line Company (CPPL) by Environmental Resources Management (ERM) for a shallow soil investigation completed at the former Rogers Cartage Site (the Site). The Site is located on the southern portion of the CPPL East St. Louis Terminal in Cahokia, Illinois.

The CPPL East St. Louis Terminal (the Terminal) is located at 3300 Mississippi Avenue in Cahokia, Illinois, west of Illinois Route 3. The Terminal is bordered by railroad lines on the east and west sides of the property. Cargill Road borders the southern edge of the property, while Hog Haven Road borders the northern property boundary. The Site is located on the southern portion of the Terminal, and is bordered by Cargill Road to the south, and an unnamed access road to the east, having the south gate at its southern terminus.

The Terminal is currently used for petroleum-related pipeline terminal activities. A site location map is included as Figure 1.

The southern portion of the Terminal property was leased to Rogers Cartage Company in the 1950's and 1960's and has not been used or occupied since approximately 1970 or 1971. Rogers Cartage reportedly hauled hazardous substances, including polychlorinated biphenyl (PCB) wastes, to disposal facilities and washed out trucks on the leased Site. Wastewater from washout activities was reportedly discharged into lagoons and drainage features adjacent to the washout area.

Previous soil investigations have been completed at the Site by CPPL and others. The results of these investigations have identified concentrations of PCBs in shallow soil above the PCB remediation waste clean-up standards of twenty-five (25) milligrams per kilogram (mg/kg) contained in Title 40, Part 761 of the Code of Federal Regulations (40 CFR 761).

A previous shallow soil investigation for PCBs in shallow soil was conducted by CPPL at the Site in February 2005 to help identify the locations of PCBs in soil above applicable remediation waste clean-up standards. The February 2005 investigation was completed in response to elevated levels of PCBs that had been historically detected south of Cargill Road, coupled with the March 2004 investigation performed on the Terminal by Pharmacia.

1.1 *LIMITATIONS AND EXCEPTIONS*

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, scope of work, budget, and schedule.

The services provided by ERM during this project have been rendered in a manner consistent with the level of skill and care ordinarily exercised by members of the profession currently practicing under similar conditions. It is ERM's intent that the conclusions and recommendations stated herein are intended as guidance and not necessarily a firm course of action except where explicitly stated as such. The findings and conclusions presented herein apply to the environmental conditions existing at the time ERM's services were conducted.

1.2 *HEALTH AND SAFETY PLAN*

During investigation activities, ERM personnel performed work in accordance with a project health and safety plan (HASP) developed for the Site, dated January 18, 2008. An audit was conducted during field activities by representatives of both ConocoPhillips (COP) and ERM to evaluate the effectiveness of the site-specific HASP and if the HASP was implemented effectively. Findings from the audit activities were included in the HASP as a HASP addendum, dated March 2008.

2.0 *BOUNDARY SURVEY ACTIVITIES*

A boundary survey was completed for the purpose of excluding the southeastern portion of the Terminal property from the Illinois Environmental Protection Agency (IEPA) Site Remediation Program (SRP). The survey was conducted by Madison County Surveyors, an Illinois registered land surveying company, utilizing Global Positioning System (GPS) technology. As shown in Figure 2, the investigation area is roughly rectangular shaped, consisting of approximately 2.73 acres, and borders a drainage ditch that parallels the southwest side of the CPPL facility and Cargill Road.

The requested removal of this approximate 2.73 acre parcel of land from the Illinois SRP was acknowledged in writing by the IEPA on October 19, 2005. Additional telephone conversations by COP during February 2006 confirmed that the IEPA considered this parcel out of the SRP and under the jurisdiction of the United States Environmental Protection Agency (USEPA) Region V. The USEPA Region V has requested a letter from IEPA acknowledging that this parcel has been removed from the SRP; however, to our knowledge IEPA has not formally responded to that request.

3.0 *SHALLOW SOIL SAMPLING*

Soil sampling activities were conducted at the Site to better define the extent of PCB impact in the shallow soil for purposes of evaluation, development, and implementation of remedial action. The guidelines contained in 40 CFR 761.61 - *PCB Remediation Waste* were used as a preliminary screening tool for comparison of site-specific data with Low Occupancy Area (LOA) cleanup levels. These guidelines state that the LOA clean-up level for PCB remediation waste is less than or equal to 25 milligrams per kilogram (mg/kg) for soil.

Investigation activities at the Site were conducted using a two-phased approach. The first phase of this approach investigated the 2.73-acre area using a 50-foot grid system to determine the magnitude and extent of PCB impact in areas that were not tested at this spacing during previous investigations at the Site. Once the horizontal and vertical extent of the PCB impact had been determined, the second phase of the investigation focused on delineation of shallow soil impacted above the 25 mg/kg LOA standard and filling data gaps identified from the first phase of sampling activities. The first phase of investigation activities were conducted from March 3rd through March 6th, 2008, while the second phase of investigation activities were conducted on March 27th, 2008.

ERM utilized a Geoprobe 4200® all terrain vehicle (ATV)-mounted, direct push technology (DPT) rig or an AMS 9600® truck-mounted, DPT rig to install borings at the Site, depending upon the location of the soil boring. The ATV-mounted DPT rig was used in areas that were not accessible by the truck-mounted DPT rig. Mr. Dan Wilkens P.G, from ERM provided oversight for the soil boring and delineation activities. Harriss Drilling Services, Inc. performed soil boring activities.

Thirty-two (32) soil borings were advanced up to ten (10) feet below ground surface (bgs), or to DPT refusal during the first phase of investigation activities. If refusal was encountered, two off-set locations were attempted before moving to the next boring location. Nine (9) soil borings were advanced during the second phase of investigation activities to help fill data gaps from the first phase of the investigation. Most of the soil borings installed during the second phase of investigation activities were advanced to 10 feet bgs, with the exception of SB-140, which was advanced to sixteen (16) feet bgs. Soil borings installed during the first

phase activities are identified as SB-100 through SB-131. Soil borings installed during the second phase of activities are identified as SB-132 through SB-140.

A four-foot long by two-inch inner-diameter Macrocore® sampler equipped with acetate liners was used to collect the soil cores from the DPT activities. All of the soil borings were continuously logged for geologic purposes. Soil was recovered from each run of the sampling device and headspace samples were screened for the presence of total volatile organic compounds (VOCs) with a photoionization detector (PID) equipped with a 10.6 eV bulb. Soil boring locations were marked with a survey flag and wooden stake for identification during surveying activities, which were conducted on April 1, 2008.

Shallow soil samples were collected every two (2) feet for PCB analysis by USEPA Method SW-8082. All soil samples were collected in laboratory supplied containers, placed on ice, and hand delivered to Test America Laboratories in Earth City, Missouri. The samples were then shipped to the Test America Laboratory in Nashville, Tennessee for analysis. All samples collected followed standard chain-of-custody (COC) procedures.

The soil boring locations at the Site are shown on Figure 2. Copies of boring logs for soil borings installed at the Site are included in Appendix A.

3.1 *DECONTAMINATION AND INVESTIGATION DERIVED WASTE*

Drilling and soil boring equipment was decontaminated by an Alconox-based wash, followed by a distilled water rinse after completion at each location. Reusable sampling equipment was also decontaminated using an Alconox-based wash, followed by a distilled water rinse. Soil cuttings, personal protective equipment (PPE), and water from soil boring and drilling activities were containerized in 55-gallon steel drums. All drums were labeled, and staged at the Terminal for future disposal or treatment.

Three (3) drums containing soil cutting and PPE were picked-up by Clean Harbors Environmental Services (Clean Harbors) on May 30, 2008 for disposal at the Lone Mountain landfill facility in Waynoka, Oklahoma.

4.0 SITE INVESTIGATION RESULTS

4.1 SITE GEOLOGY

As shown in the boring logs provided in Appendix A, the geology at the Site generally consists of brown and gray clays, silts and sands. Bedrock was not encountered during investigation activities, however DPT refusal was encountered at SB-118, SB-125, and SB-138. Observations of soil in borings installed at the Site are consistent with that of fluvial deposits in the Mississippi River valley.

4.2 SHALLOW SOIL SAMPLE RESULTS

As mentioned previously, the guidelines contained in 40 CFR 761.61 were used as a preliminary screening tool for comparison of site-specific data with LOA cleanup levels. These guidelines state that the LOA clean-up level for PCB remediation waste is less than or equal to 25 mg/kg for soil.

For each sample, the results were compared to the LOA clean-up level, which is summarized in Table 1. Analytical results that exceed the LOA clean-up level are highlighted. According to the analytical laboratory report, the results are listed by individual PCB congeners. The reported congeners include:

- PCB 1016,
- PCB 1221,
- PCB 1232,
- PCB 1242,
- PCB 1248,
- PCB 1254, and
- PCB 1260.

Generally, only PCBs 1248 and 1254 were detected in the soil samples collected from the Site, with PCB 1248 detected in the majority of the soil samples analyzed. The highest PCB concentration was detected in the sample collected from 0-2 feet bgs in SB-126, at 19,300 mg/kg (PCB 1248).

In most samples collected from soil borings at the Site, concentrations of PCBs in soil above the LOA clean-up level were detected in the upper six (6) feet of the soil boring. PCB impact above the LOA clean-up standard was detected in samples collected deeper than 6 feet bgs in soil borings SB-122, SB-127, SB-138, and SB-139.

With the exception of a soil sample collected from eight (8) to ten (10) feet bgs in SB-127, all soil samples collected from eight (8) to ten (10) feet bgs were below the LOA clean-up standard. To further investigate the impact detected from eight (8) to ten (10) feet bgs in SB-127, two additional borings (SB-139 and SB-140) were installed near SB-127. SB-140 was installed to sixteen (16) feet bgs near SB-127, and sampled every two (2) feet from ten (10) to sixteen (16) feet bgs. PCB impact above the LOA clean-up standard was not detected in the samples collected from SB-140. SB-139 was installed approximately twenty (20) feet west of SB-127, and advanced to ten (10) feet bgs, with soil samples collected every two (2) feet from the boring. PCB impact was detected above the LOA clean-up standard in samples collected from SB-139 from the ground surface to eight (8) feet bgs.

Soil samples collected from SB-138 had detections of PCBs above the LOA clean-up standard to a depth of eight (8) feet bgs. However, DPT probe refusal was also experienced at eight (8) feet bgs, and therefore deeper soil samples at SB-138 were not collected. PCB impacted soil was detected above the LOA clean-up standard in a sample collected from six (6) to eight (8) feet bgs in SB-122, however the soil sample collected from eight (8) to ten (10) feet bgs had PCB detections below the LOA clean-up standard.

Environmental Visualization System (EVS) software was used to help illustrate the PCB impact in soil above the LOA clean-up standard. Views of the model illustrating impacted soil above 25 mg/kg are shown from the south and from the west, and are presented as Figures 3 and 4, respectively.

As referenced previously, a summary of analytical detections in soil samples collected from the Site are included in Table 1. Copies of the laboratory analytical reports are provided in Appendix B.

5.0 *FINDINGS*

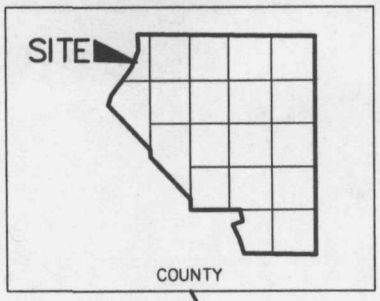
Based upon the soil investigation activities conducted at the Site, it appears that there are several sampling locations within the investigation area that exceed the LOA clean-up standard for PCBs. As mentioned previously, most PCB impact was detected in the upper six (6) feet of the soil borings installed at the Site, with a majority of PCB impact located in the first two feet of soil at the Site. Of the PCB congeners analyzed, PCB-1248 and PCB 1254 were detected the most frequently.

The impacted soils are reported to be located in areas of historically lower elevation when Rogers Cartage operated at the Site. As shown in Figures 3 and 4, PCB impacted soil above the LOA clean-up standard appears to be generally located along the southern fence line, and extends to the north toward the middle and north-northwest corner of the investigation area. Areas along the southern fence line and in the middle of the Site are still at a lower elevation than the remainder of the Site, and appear to hold surface water after rain events.

Impacted soil was detected above the LOA clean-up standard in samples collected from SB-139, which is outside of the investigation area. This impact, along with elevated PCB detections observed in samples collected from SB-126 may suggest that there is PCB impacted soil north and west of the current investigation boundary.

Generally, the horizontal and vertical extent of PCB impacted soil has been defined within the investigation boundary, with the exception of the vertical delineation at SB-138 due to DPT probe refusal; the horizontal and vertical delineation in the north-northwest corner of the Site near SB-139 and SB-126; and the horizontal delineation in the south-southwest corner of the Site near SB-137.

Since PCB impact in soil was identified outside of the current investigation boundary, additional delineation activities near the north-northwest corner and the south-southwest corner of the Site may be warranted.



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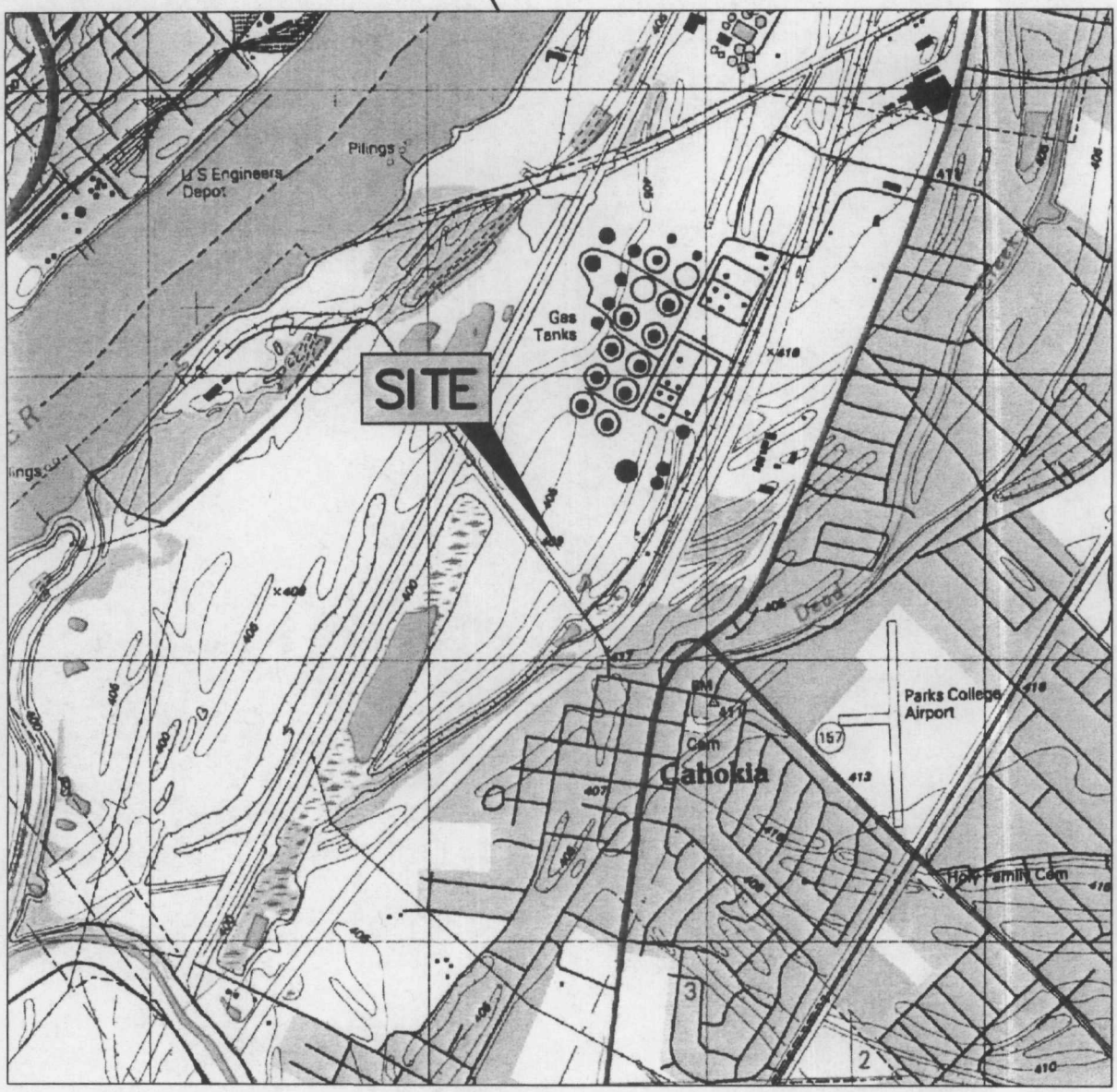
SCALE (IN FEET)



SITE LOCATION MAP

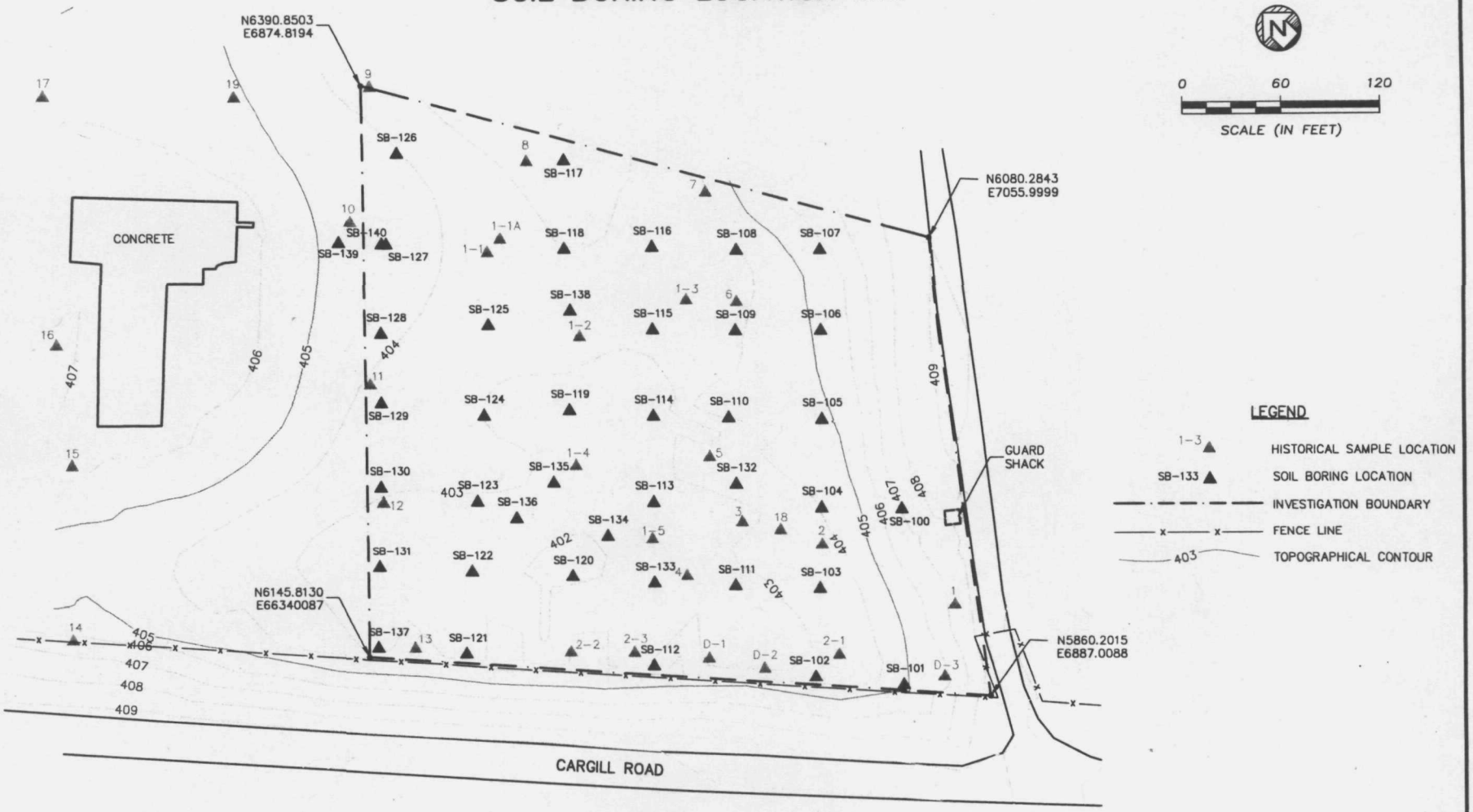
ADAPTED FROM USGS
CAHOKIA, IL-MO 1993

REVISIONS ARE TO BE MADE ON THE CADD FILE ONLY

ERM.	ROGERS CARTAGE SITE 3300 MISSISSIPPI AVENUE CAHOIA, ILLINOIS	CADD Review GML CHK'D DW-StL 0036529
Drawn By RMK 06/12/08	Environmental Resources Management	FIGURE 1

SITE LOCATION MAP, 6/12/2008 4:21:58 PM, RMK - HOLLAND

SOIL BORING LOCATION MAP



Drawn By GML	ERM.	ROGERS CARTAGE SITE EAST ST. LOUIS TERMINAL 3300 MISSISSIPPI AVENUE – CAHOKIA, ILLINOIS	CHK'D DW-STC
CADD Review RMK			0080214
Date Drawn/Rev'd 4/25/08-5/28/08		Environmental Resources Management	FIGURE 2

0036529-01 SOIL BORING, GML

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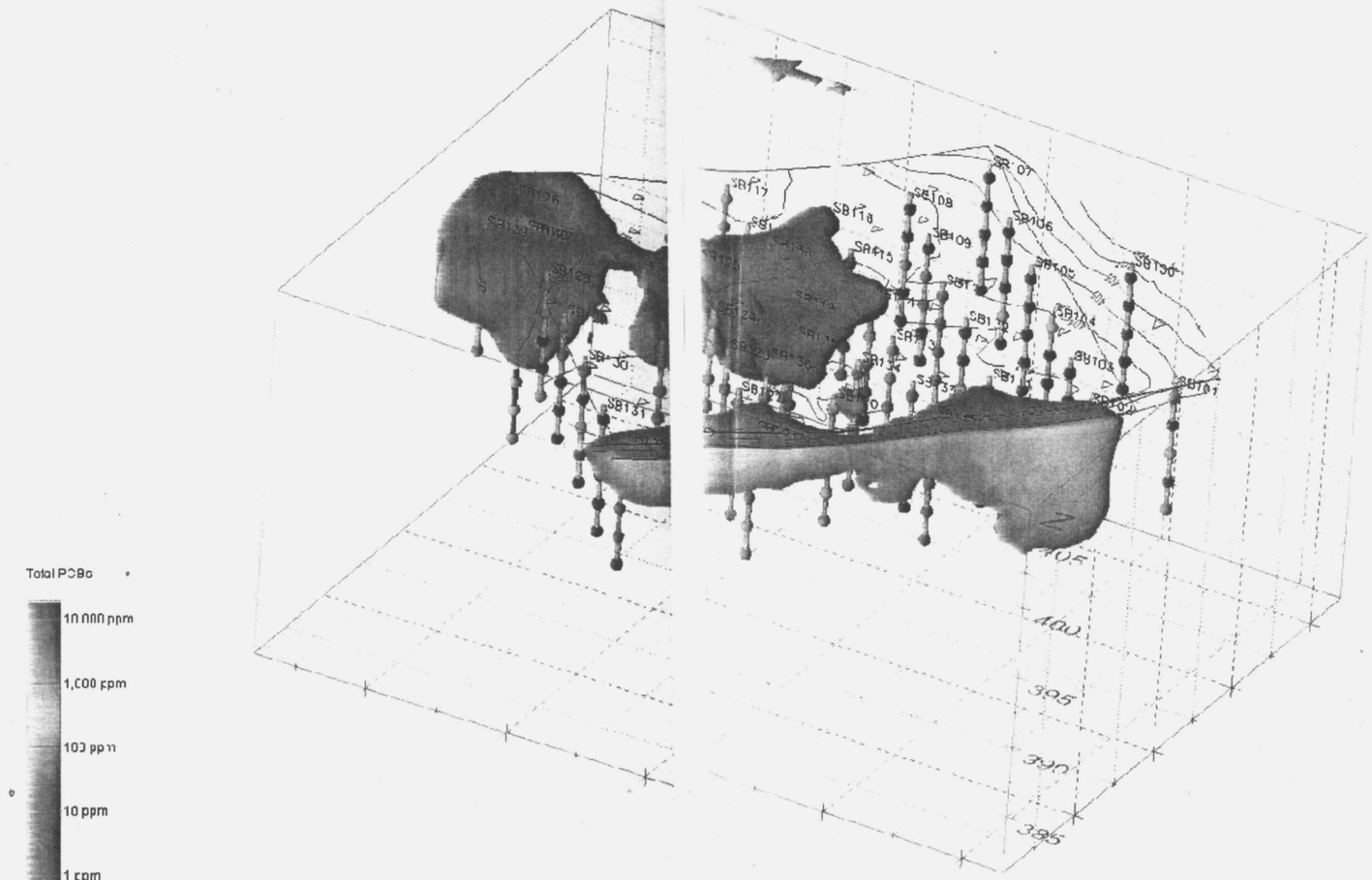
PCB IMPACT IN I SOIL ABOVE 25 PPM
EVS VIEW F FROM THE SOUTH

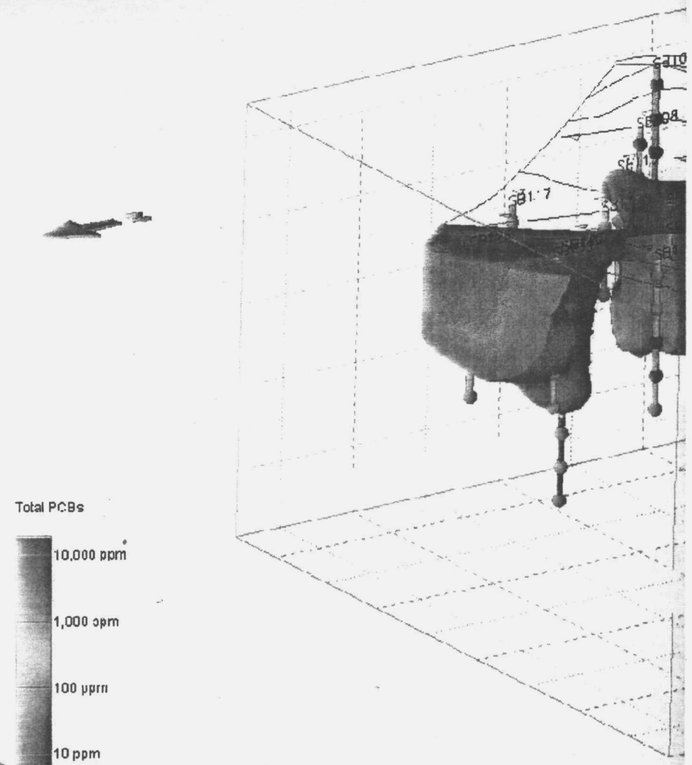


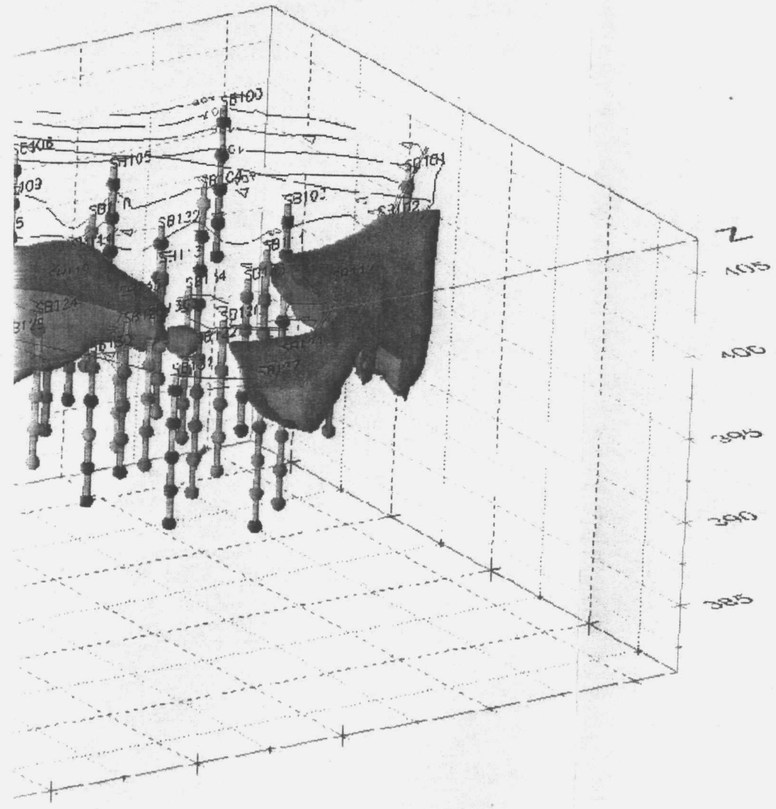
Total PCBs in Soil Greater than 25 ppm
Roger's Cartage Site in Cahokia IL

Drawn By GML	ERM	ROGERS CARTAGE SITE 3300 MISSISSIPPI AVENUE CAHOKIA, ILLINOIS	CHK'D DW-STC
CADD Review RMK			0080214
Date Drawn/Rev'd 5/30/08		Environmental Resources Management	FIGURE 3

0036529-01 PCB+25 SOUTH, 6/17/2008 10:33:01 AM, GML

PCB IMPACT IN OIL ABOVE 25 PPM
EVS VIEW FROM THE WEST





Total PCBs

- 10,000 ppm
- 1,000 ppm
- 100 ppm
- 10 ppm
- 1 ppm
- 0.1 ppm
- 0.01 ppm
- 0.001 ppm

PCBs in Soil Greater than 25 ppm
Rogers Cartage Site in Cahokia, IL

Drawn By GML	
CADD Review RMK	
Date Drawn/Rev'd 5/30/08	

ROGERS CARTAGE SITE
3300 MISSISSIPPI AVENUE
CAHOKIA, ILLINOIS

Environmental Resources Management

CHK'D DW–STC	
0080214	
FIGURE 4	

0036529-01 PCB+25 WEST, 6/17/2008 10:34:09 AM, GML

Tables

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-100				
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0347	<0.0383	<0.0415	<0.0401	<0.0394
PCB-1221	<0.0347	<0.0383	<0.0415	<0.0401	<0.0394
PCB-1232	<0.0347	<0.0383	<0.0415	<0.0401	<0.0394
PCB-1242	<0.0347	<0.0383	<0.0415	<0.0401	<0.0394
PCB-1248	<0.0347	<0.0383	<0.0415	<0.0401	<0.0394
PCB-1254	<0.0347	<0.0383	<0.0415	<0.0401	<0.0394
PCB-1260	<0.0347	<0.0383	<0.0415	<0.0401	<0.0394

	SB-101					
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0396	<0.0397	<0.0398	<0.0357	<0.0435	<0.0409
PCB-1221	<0.0396	<0.0397	<0.0398	<0.0357	<0.0435	<0.0409
PCB-1232	<0.0396	<0.0397	<0.0398	<0.0357	<0.0435	<0.0409
PCB-1242	<0.0396	<0.0397	<0.0398	<0.0357	<0.0435	<0.0409
PCB-1248	<0.0396	<0.0397	<0.0398	<0.0357	<0.0435	<0.0409
PCB-1254	**0.414**	<0.0397	**0.0713**	<0.0357	**0.0623**	**0.215**
PCB-1260	<0.0396	<0.0397	<0.0398	<0.0357	<0.0435	<0.0409

	SB-102				
	(0-2')*	(2-4')*	(4-6')*	(6-8')*	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<1.89	<1.89	<6.43	<2.21	<0.216
PCB-1221	<1.89	<1.89	<6.43	<2.21	<0.216
PCB-1232	<1.89	<1.89	<6.43	<2.21	<0.216
PCB-1242	<1.89	<1.89	<6.43	**22.2**	**2.33**
PCB-1248	**54.2**	**3.82**	**40.8**	<2.21	<0.216
PCB-1254	<1.89	<1.89	<6.43	<2.21	<0.216
PCB-1260	<1.89	<1.89	<6.43	<2.21	<0.216

* - Sample required a dillution due to the nature of the sample matrix.

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-103					
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0420	<0.0431	<0.0427	<0.0460	<0.0460	<0.0404
PCB-1221	<0.0420	<0.0431	<0.0427	<0.0460	<0.0460	<0.0404
PCB-1232	<0.0420	<0.0431	<0.0427	<0.0460	<0.0460	<0.0404
PCB-1242	<0.0420	<0.0431	<0.0427	<0.0460	<0.0460	<0.0404
PCB-1248	<0.0420	<0.0431	<0.0427	<0.0460	<0.0460	<0.0404
PCB-1254	<0.0420	<0.0431	<0.0427	<0.0460	<0.0460	<0.0404
PCB-1260	<0.0420	<0.0431	<0.0427	<0.0460	<0.0460	<0.0404

	SB-104				
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0395	<0.0435	<0.0442	<0.0359	<0.0403
PCB-1221	<0.0395	<0.0435	<0.0442	<0.0359	<0.0403
PCB-1232	<0.0395	<0.0435	<0.0442	<0.0359	<0.0403
PCB-1242	<0.0395	<0.0435	<0.0442	<0.0359	<0.0403
PCB-1248	<0.0395	<0.0435	<0.0442	<0.0359	<0.0403
PCB-1254	**0.0443**	<0.0435	<0.0442	<0.0359	<0.0403
PCB-1260	<0.0395	<0.0435	<0.0442	<0.0359	<0.0403

	SB-105					
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0405	<0.0434	<0.0406	<0.0444	<0.0406	<0.0404
PCB-1221	<0.0405	<0.0434	<0.0406	<0.0444	<0.0406	<0.0404
PCB-1232	<0.0405	<0.0434	<0.0406	<0.0444	<0.0406	<0.0404
PCB-1242	<0.0405	<0.0434	<0.0406	<0.0444	<0.0406	<0.0404
PCB-1248	<0.0405	<0.0434	<0.0406	<0.0444	<0.0406	<0.0404
PCB-1254	<0.0405	<0.0434	<0.0406	<0.0444	<0.0406	<0.0404
PCB-1260	<0.0405	<0.0434	<0.0406	<0.0444	<0.0406	<0.0404

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-106				
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0420	<0.0427	<0.0409	<0.0398	<0.0397
PCB-1221	<0.0420	<0.0427	<0.0409	<0.0398	<0.0397
PCB-1232	<0.0420	<0.0427	<0.0409	<0.0398	<0.0397
PCB-1242	<0.0420	<0.0427	<0.0409	<0.0398	<0.0397
PCB-1248	<0.0420	<0.0427	<0.0409	<0.0398	<0.0397
PCB-1254	<0.0420	<0.0427	<0.0409	**0.0558**	<0.0397
PCB-1260	<0.0420	<0.0427	<0.0409	<0.0398	<0.0397

	SB-107					
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0393	<0.0410	<0.0423	<0.0374	<0.0415	<0.0417
PCB-1221	<0.0393	<0.0410	<0.0423	<0.0374	<0.0415	<0.0417
PCB-1232	<0.0393	<0.0410	<0.0423	<0.0374	<0.0415	<0.0417
PCB-1242	<0.0393	<0.0410	<0.0423	<0.0374	<0.0415	<0.0417
PCB-1248	<0.0393	<0.0410	<0.0423	<0.0374	<0.0415	<0.0417
PCB-1254	<0.0393	<0.0410	<0.0423	<0.0374	<0.0415	<0.0417
PCB-1260	<0.0393	<0.0410	<0.0423	<0.0374	<0.0415	<0.0417

	SB-108				
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0421	<0.0430	<0.0430	<0.0418	<0.0420
PCB-1221	<0.0421	<0.0430	<0.0430	<0.0418	<0.0420
PCB-1232	<0.0421	<0.0430	<0.0430	<0.0418	<0.0420
PCB-1242	<0.0421	<0.0430	<0.0430	<0.0418	<0.0420
PCB-1248	<0.0421	<0.0430	**0.289**	<0.0418	<0.0420
PCB-1254	<0.0421	<0.0430	<0.0430	<0.0418	<0.0420
PCB-1260	<0.0421	<0.0430	<0.0430	<0.0418	<0.0420

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-109					
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0440	<0.0463	<0.0425	<0.0445	<0.0411	<0.0408
PCB-1221	<0.0440	<0.0463	<0.0425	<0.0445	<0.0411	<0.0408
PCB-1232	<0.0440	<0.0463	<0.0425	<0.0445	<0.0411	<0.0408
PCB-1242	<0.0440	<0.0463	<0.0425	<0.0445	<0.0411	<0.0408
PCB-1248	<0.0440	**0.175**	**0.908**	<0.0445	<0.0411	<0.0408
PCB-1254	<0.0440	<0.0463	<0.0425	<0.0445	<0.0411	<0.0408
PCB-1260	<0.0440	<0.0463	<0.0425	<0.0445	<0.0411	<0.0408

	SB-110				
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0443	<0.0434	<0.0427	<0.0420	<0.0416
PCB-1221	<0.0443	<0.0434	<0.0427	<0.0420	<0.0416
PCB-1232	<0.0443	<0.0434	<0.0427	<0.0420	<0.0416
PCB-1242	<0.0443	<0.0434	<0.0427	<0.0420	<0.0416
PCB-1248	**0.214**	**0.564**	**0.382**	**0.138**	**1.16**
PCB-1254	<0.0443	<0.0434	<0.0427	<0.0420	<0.0416
PCB-1260	<0.0443	<0.0434	<0.0427	<0.0420	<0.0416

	SB-111					
	(0-2')*	(2-4')*	(4-6')*	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<2.02	<0.217	<2.0	<0.0441	<0.0419	<0.0424
PCB-1221	<2.02	<0.217	<2.0	<0.0441	<0.0419	<0.0424
PCB-1232	<2.02	<0.217	<2.0	<0.0441	<0.0419	<0.0424
PCB-1242	<2.02	<0.217	<2.0	<0.0441	<0.0419	<0.0424
PCB-1248	**27.3**	**2.96**	**7.38**	**0.685**	<0.0419	<0.0424
PCB-1254	<2.02	<0.217	<2.0	<0.0441	<0.0419	<0.0424
PCB-1260	<2.02	<0.217	<2.0	<0.0441	<0.0419	<0.0424

* - Sample required a dillution due to the nature of the sample matrix.

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-112				
	(0-2')*	(2-4')*	(4-6')*	(6-8')*	(8-10')*
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<4.57	<2.12	<2.24	<0.216	<2.10
PCB-1221	<4.57	<2.12	<2.24	<0.216	<2.10
PCB-1232	<4.57	<2.12	<2.24	<0.216	<2.10
PCB-1242	<4.57	<2.12	<2.24	<0.216	<2.10
PCB-1248	**57.4**	**8.66**	**6.87**	**1.45**	**4.32**
PCB-1254	<4.57	<2.12	<2.24	<0.216	<2.10
PCB-1260	<4.57	<2.12	<2.24	<0.216	<2.10

* - Sample required a dillution due to the nature of the sample matrix.

	SB-113					
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0413	<0.0434	<0.0441	<0.0423	<0.0416	<0.0419
PCB-1221	<0.0413	<0.0434	<0.0441	<0.0423	<0.0416	<0.0419
PCB-1232	<0.0413	<0.0434	<0.0441	<0.0423	<0.0416	<0.0419
PCB-1242	<0.0413	<0.0434	<0.0441	<0.0423	<0.0416	<0.0419
PCB-1248	**0.752**	**0.171**	**0.175**	**0.493**	<0.0416	**0.0604**
PCB-1254	<0.0413	<0.0434	<0.0441	<0.0423	<0.0416	<0.0419
PCB-1260	<0.0413	<0.0434	<0.0441	<0.0423	<0.0416	<0.0419

	SB-114				
	(0-2')*	(2-4')	(4-6')	(6-8')*	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<42.9	<0.0455	<0.0442	<1.90	<0.0433
PCB-1221	<42.9	<0.0455	<0.0442	<1.90	<0.0433
PCB-1232	<42.9	<0.0455	<0.0442	<1.90	<0.0433
PCB-1242	<42.9	<0.0455	<0.0442	<1.90	<0.0433
PCB-1248	**450**	**0.0764**	**0.223**	**8.40**	<0.0433
PCB-1254	<42.9	<0.0455	<0.0442	<1.90	<0.0433
PCB-1260	<42.9	<0.0455	<0.0442	<1.90	<0.0433

* - Sample required a dillution due to the nature of the sample matrix.

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-115					
	(0-2')*	(2-4')	(4-6')*	(6-8')*	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<2.07	<0.0434	<46.9	<0.418	<0.0419	<0.209
PCB-1221	<2.07	<0.0434	<46.9	<0.418	<0.0419	<0.209
PCB-1232	<2.07	<0.0434	<46.9	<0.418	<0.0419	<0.209
PCB-1242	<2.07	<0.0434	<46.9	<0.418	<0.0419	<0.209
PCB-1248	**11.6**	**0.0887**	**326**	**6.17**	**0.0796**	**1.53**
PCB-1254	<2.07	<0.0434	<46.9	<0.418	<0.0419	<0.209
PCB-1260	<2.07	<0.0434	<46.9	<0.418	<0.0419	<0.209

* - Sample required a dillution due to the nature of the sample matrix.

	SB-116				
	(0-2')*	(2-4')*	(4-6')*	(6-8')*	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<40.8	<0.221	<0.208	<4.28	<0.0397
PCB-1221	<40.8	<0.221	<0.208	<4.28	<0.0397
PCB-1232	<40.8	<0.221	<0.208	<4.28	<0.0397
PCB-1242	<40.8	<0.221	<0.208	<4.28	<0.0397
PCB-1248	**234**	**0.856**	**2.01**	**23.4**	<0.0397
PCB-1254	<40.8	<0.221	<0.208	<4.28	<0.0397
PCB-1260	<40.8	<0.221	<0.208	<4.28	<0.0397

* - Sample required a dillution due to the nature of the sample matrix.

	SB-117					
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0436	<0.0466	<0.0427	<0.0430	<0.0415	<0.0424
PCB-1221	<0.0436	<0.0466	<0.0427	<0.0430	<0.0415	<0.0424
PCB-1232	<0.0436	<0.0466	<0.0427	<0.0430	<0.0415	<0.0424
PCB-1242	<0.0436	<0.0466	<0.0427	<0.0430	<0.0415	<0.0424
PCB-1248	**0.0720**	**0.161**	<0.0427	**0.140**	<0.0415	<0.0424
PCB-1254	<0.0436	<0.0466	<0.0427	<0.0430	<0.0415	<0.0424
PCB-1260	<0.0436	<0.0466	<0.0427	<0.0430	<0.0415	<0.0424

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-118		
	(0-2')*	(2-4')*	(4-6')*
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.217	<0.486	<8.83
PCB-1221	<0.217	<0.486	<8.83
PCB-1232	<0.217	<0.486	<8.83
PCB-1242	<0.217	<0.486	<8.83
PCB-1248	**1.87**	**3.26**	**18.2**
PCB-1254	<0.217	<0.486	<8.83
PCB-1260	<0.217	<0.486	<8.83

* - Sample required a dillution due to the nature of the sample matrix.

	SB-119					
	(0-2')*	(2-4')*	(4-6')*	(6-8')*	(8-10')*	(8-10') DUP*
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<8.50	<45.0	<23.4	<0.195	<0.200	<0.200
PCB-1221	<8.50	<45.0	<23.4	<0.195	<0.200	<0.200
PCB-1232	<8.50	<45.0	<23.4	<0.195	<0.200	<0.200
PCB-1242	<8.50	<45.0	<23.4	<0.195	<0.200	<0.200
PCB-1248	**44.3**	**1020**	**45.7**	**1.39**	**2.81**	**3.26**
PCB-1254	<8.50	<45.0	<23.4	<0.195	<0.200	<0.200
PCB-1260	<8.50	<45.0	<23.4	<0.195	<0.200	<0.200

* - Sample required a dillution due to the nature of the sample matrix.

	SB-120				
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0427	<0.0447	<0.0436	<0.0410	<0.0424
PCB-1221	<0.0427	<0.0447	<0.0436	<0.0410	<0.0424
PCB-1232	<0.0427	<0.0447	<0.0436	<0.0410	<0.0424
PCB-1242	<0.0427	<0.0447	<0.0436	<0.0410	<0.0424
PCB-1248	**0.357**	**0.300**	<0.0436	**0.0492**	**0.112**
PCB-1254	<0.0427	<0.0447	**0.300**	<0.0410	<0.0424
PCB-1260	<0.0427	<0.0447	<0.0436	<0.0410	<0.0424

* - Sample required a dillution due to the nature of the sample matrix.

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-121					
	(0-2')*	(2-4')	(4-6')*	(6-8')*	(8-10')*	(8-10') DUP*
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<49.3	<0.0420	<0.239	<2.40	<2.02	<1.88
PCB-1221	<49.3	<0.0420	<0.239	<2.40	<2.02	<1.88
PCB-1232	<49.3	<0.0420	<0.239	<2.40	<2.02	<1.88
PCB-1242	<49.3	<0.0420	<0.239	<2.40	<2.02	<1.88
PCB-1248	**1030**	**0.410**	**1.81**	**12.4**	**4.16**	**3.97**
PCB-1254	<49.3	<0.0420	<0.239	<2.40	<2.02	<1.88
PCB-1260	<49.3	<0.0420	<0.239	<2.40	<2.02	<1.88

* - Sample required a dillution due to the nature of the sample matrix.

	SB-122				
	(0-2')*	(2-4')*	(4-6')*	(6-8')*	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<2.08	<4.27	<4.37	<4.23	<0.0399
PCB-1221	<2.08	<4.27	<4.37	<4.23	<0.0399
PCB-1232	<2.08	<4.27	<4.37	<4.23	<0.0399
PCB-1242	<2.08	<4.27	<4.37	<4.23	<0.0399
PCB-1248	**7.84**	**21.8**	**17.7**	**34.0**	**0.135**
PCB-1254	<2.08	<4.27	<4.37	<4.23	<0.0399
PCB-1260	<2.08	<4.27	<4.37	<4.23	<0.0399

* - Sample required a dillution due to the nature of the sample matrix.

	SB-123					
	(0-2')*	(2-4')*	(4-6')*	(6-8')*	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<2.12	<2.27	<0.432	<2.01	<0.0396	<0.0376
PCB-1221	<2.12	<2.27	<0.432	<2.01	<0.0396	<0.0376
PCB-1232	<2.12	<2.27	<0.432	<2.01	<0.0396	<0.0376
PCB-1242	<2.12	<2.27	<0.432	<2.01	<0.0396	<0.0376
PCB-1248	**11.3**	**5.33**	**2.09**	**8.02**	<0.0396	<0.0376
PCB-1254	<2.12	<2.27	<0.432	<2.01	<0.0396	<0.0376
PCB-1260	<2.12	<2.27	<0.432	<2.01	<0.0396	<0.0376

* - Sample required a dillution due to the nature of the sample matrix.

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-124				
	(0-2')	(2-4')	(4-6')	(6-8')*	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0424	<0.0422	<0.0465	<0.821	<0.0437
PCB-1221	<0.0424	<0.0422	<0.0465	<0.821	<0.0437
PCB-1232	<0.0424	<0.0422	<0.0465	<0.821	<0.0437
PCB-1242	<0.0424	<0.0422	<0.0465	<0.821	<0.0437
PCB-1248	**0.735**	**0.355**	**0.495**	**2.59**	**0.0954**
PCB-1254	<0.0424	<0.0422	<0.0465	<0.821	<0.0437
PCB-1260	<0.0424	<0.0422	<0.0465	<0.821	<0.0437

	SB-125
	(0-2')*
Parameter	*(mg/kg)*
PCB-1016	<3.55
PCB-1221	<3.55
PCB-1232	<3.55
PCB-1242	<3.55
PCB-1248	<3.55
PCB-1254	**27.2**
PCB-1260	<3.55

* - Sample required a dillution due to the nature of the sample matrix.

	SB-126					
	(0-2')*	(2-4')*	(4-6')*	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<4050	<42.7	<36.2	<0.0436	<0.0446	<0.0426
PCB-1221	<4050	<42.7	<36.2	<0.0436	<0.0446	<0.0426
PCB-1232	<4050	<42.7	<36.2	<0.0436	<0.0446	<0.0426
PCB-1242	<4050	<42.7	<36.2	<0.0436	<0.0446	<0.0426
PCB-1248	**19300**	**545**	**232**	**1.17**	**0.117**	**0.219**
PCB-1254	<4050	<42.7	<36.2	<0.0436	<0.0446	<0.0426
PCB-1260	<4050	<42.7	<36.2	<0.0436	<0.0446	<0.0426

* - Sample required a dillution due to the nature of the sample matrix.

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-127				
	(0-2')*	(2-4')*	(4-6')*	(6-8')*	(8-10')*
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<19.7	<20.1	<21.4	<21.4	<50.9
PCB-1221	<19.7	<20.1	<21.4	<21.4	<50.9
PCB-1232	<19.7	<20.1	<21.4	<21.4	<50.9
PCB-1242	<19.7	<20.1	<21.4	<21.4	<50.9
PCB-1248	<19.7	<20.1	<21.4	<21.4	**1270**
PCB-1254	**206**	**102**	**61.1**	**242**	<50.9
PCB-1260	<19.7	<20.1	<21.4	<21.4	<50.9

* - Sample required a dillution due to the nature of the sample matrix.

	SB-128					
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0412	<0.0434	<0.0450	<0.0419	<0.0414	<0.0407
PCB-1221	<0.0412	<0.0434	<0.0450	<0.0419	<0.0414	<0.0407
PCB-1232	<0.0412	<0.0434	<0.0450	<0.0419	<0.0414	<0.0407
PCB-1242	<0.0412	<0.0434	<0.0450	<0.0419	<0.0414	<0.0407
PCB-1248	**0.513**	**0.176**	<0.0450	<0.0419	<0.0414	<0.0407
PCB-1254	<0.0412	<0.0434	<0.0450	<0.0419	<0.0414	**0.132**
PCB-1260	<0.0412	<0.0434	<0.0450	<0.0419	<0.0414	<0.0407

	SB-129				
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0419	<0.0430	<0.0442	<0.0448	<0.0398
PCB-1221	<0.0419	<0.0430	<0.0442	<0.0448	<0.0398
PCB-1232	<0.0419	<0.0430	<0.0442	<0.0448	<0.0398
PCB-1242	<0.0419	<0.0430	<0.0442	<0.0448	<0.0398
PCB-1248	<0.0419	<0.0430	<0.0442	<0.0448	<0.0398
PCB-1254	**0.273**	**0.100**	<0.0442	<0.0448	<0.0398
PCB-1260	<0.0419	<0.0430	<0.0442	<0.0448	<0.0398

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-130					
	(0-2')*	(2-4')	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<2.10	<0.0425	<0.0402	<0.0400	<0.0407	<0.0391
PCB-1221	<2.10	<0.0425	<0.0402	<0.0400	<0.0407	<0.0391
PCB-1232	<2.10	<0.0425	<0.0402	<0.0400	<0.0407	<0.0391
PCB-1242	<2.10	<0.0425	<0.0402	<0.0400	<0.0407	<0.0391
PCB-1248	**11.1**	<0.0425	**0.0470**	<0.0400	<0.0407	<0.0391
PCB-1254	<2.10	<0.0425	<0.0402	<0.0400	<0.0407	<0.0391
PCB-1260	<2.10	<0.0425	<0.0402	<0.0400	<0.0407	<0.0391

* - Sample required a dillution due to the nature of the sample matrix.

	SB-131					
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0419	<0.0428	<0.0422	<0.0440	<0.0411	<0.0427
PCB-1221	<0.0419	<0.0428	<0.0422	<0.0440	<0.0411	<0.0427
PCB-1232	<0.0419	<0.0428	<0.0422	<0.0440	<0.0411	<0.0427
PCB-1242	<0.0419	<0.0428	<0.0422	<0.0440	<0.0411	<0.0427
PCB-1248	<0.0419	<0.0428	<0.0422	<0.0440	<0.0411	<0.0427
PCB-1254	<0.0419	<0.0428	<0.0422	<0.0440	<0.0411	<0.0427
PCB-1260	<0.0419	<0.0428	<0.0422	<0.0440	<0.0411	<0.0427

	SB-132				
	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0436	<0.0428	<0.0454	<0.0456	<0.0427
PCB-1221	<0.0436	<0.0428	<0.0454	<0.0456	<0.0427
PCB-1232	<0.0436	<0.0428	<0.0454	<0.0456	<0.0427
PCB-1242	<0.0436	<0.0428	<0.0454	<0.0456	<0.0427
PCB-1248	<0.0436	<0.0428	**0.0659**	<0.0456	<0.0427
PCB-1254	<0.0436	<0.0428	<0.0454	<0.0456	<0.0427
PCB-1260	<0.0436	<0.0428	<0.0454	<0.0456	<0.0427

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-133					
	(0-2')*	(2-4')	(4-6')*	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.433	<0.0428	<0.427	<0.0444	<0.0409	<0.0358
PCB-1221	<0.433	<0.0428	<0.427	<0.0444	<0.0409	<0.0358
PCB-1232	<0.433	<0.0428	<0.427	<0.0444	<0.0409	<0.0358
PCB-1242	<0.433	<0.0428	<0.427	<0.0444	<0.0409	<0.0358
PCB-1248	**3.14**	**0.890**	**1.94**	<0.0444	<0.0409	<0.0358
PCB-1254	<0.433	<0.0428	<0.427	<0.0444	<0.0409	<0.0358
PCB-1260	<0.433	<0.0428	<0.427	<0.0444	<0.0409	<0.0358

	SB-134				
	(0-2')*	(2-4')*	(4-6')*	(6-8')[M1]	(8-9')*
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.839	<4.13	<2.24	<0.0448	<2.02
PCB-1221	<0.839	<4.13	<2.24	<0.0448	<2.02
PCB-1232	<0.839	<4.13	<2.24	<0.0448	<2.02
PCB-1242	<0.839	<4.13	<2.24	<0.0448	<2.02
PCB-1248	**4.18**	**103**	**16.6**	**0.300**	**7.2**
PCB-1254	<0.839	<4.13	<2.24	<0.0448	<2.02
PCB-1260	<0.839	<4.13	<2.24	<0.0448	<2.02

* - Sample required a dillution due to the nature of the sample matrix.

[M1] - The MS and/or MSD were above acceptance limits due to sample matrix interference.

	SB-135					
	(0-2')*	(2-4')*	(4-6')	(6-8')	(8-10')[M1]	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<19.4	<4.31	<0.211	<0.0439	<0.0426	<0.0400
PCB-1221	<19.4	<4.31	<0.211	<0.0439	<0.0426	<0.0400
PCB-1232	<19.4	<4.31	<0.211	<0.0439	<0.0426	<0.0400
PCB-1242	<19.4	<4.31	<0.211	<0.0439	<0.0426	<0.0400
PCB-1248	**226**	**14.6**	**1.77**	**0.440**	**0.203**	**0.336**
PCB-1254	<19.4	<4.31	<0.211	<0.0439	<0.0426	<0.0400
PCB-1260	<19.4	<4.31	<0.211	<0.0439	<0.0426	<0.0400

* - Sample required a dillution due to the nature of the sample matrix.

[M1] - The MS and/or MSD were above acceptance limits due to sample matrix interference.

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-136				
	(0-2')*	(2-4')*	(4-6')*	(6-8')	(8-10')
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<4.15	<3.60	<4.38	<0.0400	<0.0428
PCB-1221	<4.15	<3.60	<4.38	<0.0400	<0.0428
PCB-1232	<4.15	<3.60	<4.38	<0.0400	<0.0428
PCB-1242	<4.15	<3.60	<4.38	<0.0400	<0.0428
PCB-1248	**29.1**	**22.0**	**33.1**	**1.02**	**0.155**
PCB-1254	<4.15	<3.60	<4.38	<0.0400	<0.0428
PCB-1260	<4.15	<3.60	<4.38	<0.0400	<0.0428

* - Sample required a dillution due to the nature of the sample matrix.

	SB-137					
	(0-2')*	(2-4')*	(4-6')	(6-8')	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<20.9	<4.18	<0.0459	<0.0434	<0.0449	<0.0457
PCB-1221	<20.9	<4.18	<0.0459	<0.0434	<0.0449	<0.0457
PCB-1232	<20.9	<4.18	<0.0459	<0.0434	<0.0449	<0.0457
PCB-1242	<20.9	<4.18	<0.0459	<0.0434	<0.0449	<0.0457
PCB-1248	**354**	**6.95**	**0.122**	**0.390**	<0.0449	<0.0457
PCB-1254	<20.9	<4.18	<0.0459	<0.0434	<0.0449	<0.0457
PCB-1260	<20.9	<4.18	<0.0459	<0.0434	<0.0449	<0.0457

* - Sample required a dillution due to the nature of the sample matrix.

	SB-138			
	(0-2')*	(2-4')*	(4-6')*	(6-8')*
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<20.3	<21.3	<79.5	<49.9
PCB-1221	<20.3	<21.3	<79.5	<49.9
PCB-1232	<20.3	<21.3	<79.5	<49.9
PCB-1242	<20.3	<21.3	<79.5	<49.9
PCB-1248	**342**	**335**	**1720**	**343**
PCB-1254	<20.3	<21.3	<79.5	<49.9
PCB-1260	<20.3	<21.3	<79.5	<49.9

* - Sample required a dillution due to the nature of the sample matrix.

Table 1

Soil Results
Rogers Cartage Site
Cahokia, IL

	SB-139					
	(0-2')*	(2-4')*	(4-6')*	(6-8')*	(8-10')	(8-10') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<18.6	<1.66	<249	<4.54	<0.0434	<0.0429
PCB-1221	<18.6	<1.66	<249	<4.54	<0.0434	<0.0429
PCB-1232	<18.6	<1.66	<249	<4.54	<0.0434	<0.0429
PCB-1242	<18.6	<1.66	<249	<4.54	<0.0434	<0.0429
PCB-1248	**99.1**	**26.3**	**1040**	**35.3**	**1.03**	**0.562**
PCB-1254	<18.6	<1.66	<249	<4.54	<0.0434	<0.0429
PCB-1260	<18.6	<1.66	<249	<4.54	<0.0434	<0.0429

* - Sample required a dillution due to the nature of the sample matrix.

	SB-140			
	(10-12')	(12-14')	(14-16')	(14-16') DUP
Parameter	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
PCB-1016	<0.0429	<0.0431	<0.0399	<0.0426
PCB-1221	<0.0429	<0.0431	<0.0399	<0.0426
PCB-1232	<0.0429	<0.0431	<0.0399	<0.0426
PCB-1242	<0.0429	<0.0431	<0.0399	<0.0426
PCB-1248	**0.183**	**0.0737**	<0.0399	**0.213**
PCB-1254	<0.0429	<0.0431	<0.0399	<0.0426
PCB-1260	<0.0429	<0.0431	<0.0399	<0.0426

Appendix A

Boring Logs

ERM.

BORING/WELL CONSTRUCTION LOG

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-100

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 10:15 / Time 10:30
☐ Mud Rotary	2" x 18"		
☐ Sonic	3" x 12"	☐ Other:	Date 03/03/08 / Date 03/03/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: 10' / 2"
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1020; 2-4 1023	Run 1 0.0'-4.0' Rec 3.75'			0–4		Topsoil to 6" bgs, then grades to moderate yellowish brown to pale yellowish brown (10YR 5/4 to 10 YR 6/2) silty sand. Fairily uniform, fine sand with silt. Slightly cohesive.
4–8		4-6 1030; 6-8 1032	Run 2 4.0'-8.0' Rec 4.0'			4–8		As above to 5.5' bgs, then becomes more silty and soft. Grades to a dark yellowish brown (10YR 4/2) sandy silt . Soft, slightly moist, and cohesive to 7.5' bgs. Then grades to pale yellowish brown (10YR 6/2) fine sand. Fairly uniform and well sorted, with slight varving-like appearance to end of run.
8–10		8-10 1033	Run 3 8.0' 10.0' Rec 2.0'			8–10		As above to 9.75' bgs, then abrupt change to slightly stiff clayey silt to end of boring. More hard, less moist, and slightly plastic.
10–20						10–20		EOB 10.0 ft BGS

ERM®

BORING/WELL CONSTRUCTION LOG

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-101

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	
☐ Air Rotary	1.5" x 18"	■ Continuous Core	
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		
☐ Other:	■ 2" x 48" Core		
	☐ Other:		

Start	Finish
Time 10:40	Time 10:55
Date 03/03/08	Date 03/03/08

Logged by: Dan Wilkens

Boring Depth/Diameter: 10' / 2"
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1049; 2-4 1050	Run 1 0.0'-4.0' Rec 3.0'			0–4		Topsoil to 6", then grades to moderate brown (10YR 4/2) clayey silt. Slightly cohesive and stiff to 3.5'. Then gradually grades to more sand rich silt (10YR 4/2). Slightly less cohesive and less plastic.
4–8		4-6 1053; 6-8 1054	Run 2 4.0'-8.0' Rec 3.5'			4–8		As above to 6.5', then abrupt change to pale yellowish brown (10YR 6/2) sand. Fine grained, fairly well sorted sand with slight varved-like appearance.
8–10		8-10 & DUP 1058	Run 3 8.0' 10.0' Rec 2.0'			8–10		As above, becoming slightly harder with depth.
10						10		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-102

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 11:00 / Time 11:15
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/03/08 / Date 03/03/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: 10' / 2"
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1111; 2-4 1114	Run 1 0.0'-4.0' Rec 3.5'			0–4		Topsoil to 8", then abrupt change to crumbled asphalt fill and gravel for approximately 3", Then, abrupt change to 4" of moderate yellowish brown (10YR 5/4) silty sand. Then grades to dark yellowish brown (10YR 4/2) sandy clayey silt. More stiff/hard with depth. Cohesive and slightly plastic.
4–8	1.0	4-6 1115; 6-8 1118	Run 2 4.0'-8.0' Rec 4.0'			4–8		As above to 5.0' then grades to more clay rich silt. More plastic and soft, with more gray in color to 6.0'. Then abrupt change to medium dark gray (N4) silty clay/clayey silt. Has petroleum odor to end of run, with highest odor near 6.0-6.5'. Grades to slightly less dark gray color with depth.
8–10		8-10 1120	Run 3 8.0' 10.0' Rec 2.0'			8–10		As above to 9.0', then becoming more sandy to 10.0'. Medium dark gray to medium light gray (N4-N6) sandy silt from 7.0-10.0'. Mostly moist and soft. Has odor, however does not register much on PID. Some minor sheen in sample core.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips	Boring No. SB-103
		Site: Rogers Cartage Site
		Sheet 1 of 1

Drilling Method	Sampling Method	Sampling Interval
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft
■ Direct Push	☐ Split Spoon	☐ 10 ft
☐ Air Rotary	1.5" x 18"	■ Continuous Core
☐ Mud Rotary	2" x 18"	☐ Other:
☐ Sonic	3" x 12"	
☐ Other:	■ 2" x 48" Core	
	☐ Other:	

Start	Finish
Time 11:20	Time 11:30
Date 03/03/08	Date 03/03/08

Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1129 2-4 1132	Run 1 0.0'-4.0' Rec 3.5'			0–4		Topsoil to approximately 6" then grades to Moderate Yellowish Brown (10YR 5/4) sandy, clayey silt. Slightly moist, cohesive, hwever not very plastic. More sand rich starting at 2.0' bgs to 3.75', then grades to moderate yellowish brown (10YR 5/4) clayey silt (still has some sand in matrix), more stiff and plastic.
4–8		4-6 1133 6-8 1135	Run 2 4.0'-8.0' Rec 4.0'			4–8		As above to 4.25' then grading back to moist sandt silt, slightly soupy from percussion from the probe at 5-6', then grades back to dark yellowish brown clayey silt (10YR 4/2) with moderate mottling present. Stiff, with sand in matrix. More stiff /hard and less plastic and moist to 7.75'. Then, abrupt change to pale yellowish brown (10YR 6/2) to moderate yellowish brown (10YR 5/4) silty sand to 8'.
8–10		8-10 & DUP 1137	Run 3 8.0' 10.0' Rec 2.0'			8–10		As above (10YR 5/4 to 10YR 6/2 sand). Well packed and fairly well sorted, fine to medium grained sand. Slightly varving and mottling to EOB.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-104
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	Start / Finish
■ Direct Push	☐ Split Spoon	☐ 10 ft	Time 11:35 / Time 11:50
☐ Air Rotary	1.5" x 18"	■ Continuous Core	
☐ Mud Rotary	2" x 18"		
☐ Sonic	3" x 12"	☐ Other:	Date 03/03/08 / Date 03/03/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1146; 2-4 1149	Run 1 0.0'-4.0' Rec 3.5'			0–4		Approximately 4" topsoil, then grades to pale yellowish brown (10YR 4/2) clayey silt. Dry, slightly cohesive, and slightly stiff. Becomes more moist from 3.5-4.0'.
4–8		4-6 1150; 6-8 1153	Run 2 4.0'-8.0' Rec 4.0'			4–8		As above to 6.0' then abrupt change to pale yellowish brown (10YR 6/2) fine grained sand. Fairly well sorted, well packed to 8'.
8–10		8-10 1154	Run 3 8.0' 10.0' Rec 2.0'			8–10		As above, sand, fairly well sorted and fine grained.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-105

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 11:53 / Time 12:00
☐ Mud Rotary	2" x 18"	☐ Other:	Date 03/03/08 / Date 03/03/08
☐ Sonic	3" x 12"		
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1200; 2-4 1203	Run 1 0.0'-4.0' Rec 3.25'					Topsoil to approximately 8", then grades to dark yellowish brown (10YR 4/2) to moderate yellowish brown (10YR 5/4) clayey sandy silt. More sand rich and moist with depth. Cohesive and less stiff from 3.0-4.0'.
4–8		4-6 1204; 6-8 1206	Run 2 4.0'-8.0' Rec 4.0'					As above to 7.0', becoming more sandy with depth. Silt lense from 6.5-7.0'. Hard/stiff, at 7.0'. Then, grades to pale yellowish brown (10YR 6/2) fine grained sand. Failry well sorted, well packed, and dry.
8–10		8-10 & DUP 1208	Run 3 8.0' 10.0' Rec 2.0'					As above. More moist and slightly darker (10YR 4/2) with depth.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

Boring Depth/Diameter:	/
Depth G. W. Encountered (During Drilling):	
Depth G. W. Encountered (After Drilling):	
Surface Elevation:	
Casing Depth/Diameter:	/
Contractor:	Harriss Drilling Services
Foreman:	Chris Volner

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-106

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 9:30 / Time 9:45
☐ Mud Rotary	2" x 18"	☐ Other:	Date 03/05/08 / Date 03/05/08
☐ Sonic	3" x 12"		
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 0943; 2-4 0944	Run 1 0.0'-4.0' Rec 3.5'					Topsoil to 4" then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly cohesive and weakly mottled. Slightly moist. Grades to a more moist fine sandy silt from 2.5-3.5', then abrupt change to more clay rich 10YR 4/2 clayey silt. More plastic and stiff to 4'.
4–7		4-6 0947	Run 2 4.0'-7.0' Rec 2.75'					As above to 5.5', then quickly grades to pale yellowish brown (10YR 6/2) fine silty sand. More dry, slightly cohesive, and well packed.
7–10		6-8 0948; 8-10 0949	Run 3 7.0'-10.0' Rec 3.0'					As above. More sand rich (less silt) to EOB. Moist to wet from 8.25-8.5', then abrupt change to less moist, well packed sand to EOB. Fairly uniformed and fine grained.
10–20								EOB 10.0 ft BGS

ERM

BORING/WELL CONSTRUCTION LOG

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-107

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 9:50 / Time 10:05
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/05/08 / Date 03/05/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 0958; 2-4 1000	Run 1 0.0'-4.0' Rec 3.25'					Topsoil to 8" then grades to dark yellowish brown (10YR 4/2) clayey silt. Friable, slightly mottled, and slightly cohesive. Grades to more sandy rich 10YR 4/2 sandy silt at 3.0'. More moist and cohesive, with very fine sand in matrix.
4–7		4-6 1002	Run 2 4.0'-7.0' Rec 2.75'					*As above to 4.5', then abruptly grades to grayish orange (10YR 7/4) to pale yellowish brown (10YR 6/2) clayey silt. More moist, stiff, slightly plastic towards 6.0' then quickly grades to 10YR6/2 silty sand. Very fine sand, well packed and fairly well sorted. Some varving-like appearance and more dry to 8'.*
7–10		6-8 1003; 8-10 & DUP 1007	Run 3 7.0'-10.0' Rec 3.0'					As above. More moist and sand rich with depth to EOB. Very fine sand in matrix.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips	Boring No. SB-108
		Site: Rogers Cartage Site
		Sheet 1 of 1

Drilling Method	Sampling Method	Sampling Interval	Start	Finish
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Time 10:07	Time 10:20
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft		
■ Direct Push	☐ Split Spoon 1.5" x 18"	☐ 10 ft		
☐ Air Rotary	2" x 18"	■ Continuous Core		
☐ Mud Rotary	3" x 12"	☐ Other:	Date 03/05/08	Date 03/05/08
☐ Sonic	■ 2" x 48" Core			
☐ Other:	☐ Other:	Logged by: Dan Wilkens		

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1017; 2-4 1020	Run 1 0.0'-4.0' Rec 3.5'			0–4		Topsoil to 6", then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly sandy, moist, and slightly cohesive. More sand rich and moist (almost a sandy silt) from 3.0-3.5'. Quickly grades to 10YR 4/2 clayey silt at 3.5'. More stiff, less moist, mottled, more plastic, and cohesive.
4–7		4-6 1022	Run 2 4.0'-7.0' Rec 2.5'			4–7		As above to 4.5', then abrupt change to mottled pale yellowish brown (10YR 6/2) silty clay. Contians very fine grained sand in matrix. More moist to 6.0', then grades to less sand rich sandy clayey silt to 7'. More plastic, hard and cohesive while less moist and mottled.
7–10		6-8 1025; 8-10 1026	Run 3 7.0'-10.0' Rec 3.0'			7–10		As above to 7.5', then abrupt change to 10YR 6/2 fine grined silty sand. Less silty with depth. Well packed and fairly well sorted. Mottled, giving slight moderate yellowish brown 10YR 5/4 appearance.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-109
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
☒ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	☒ Continuous Core	Time 10:25 / Time 10:35
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/05/08 / Date 03/05/08
☐ Other:	☒ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1033; 2-4 1036	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 4", then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly cohesive, slightly moist, and friable to 3.0'. Then, abrupt change to sandy silt (wet) from 3.0-3.5'. Another abrupt change at 3.5' to stiff 10YR 4/2 clayey silts. Slightly cohesive and slightly plastic. Mottled
4–7		4-6 1041	Run 2 4.0'-7.0' Rec 3.0'					As above to 4.5', then slowly grades to more moist and sand rich clayey sandy silt. Mottled to 6.0', then quickly grades to 10YR 4/2 mottled clayey silt (less sandy). More stiff and less moist to 6.5'. Then, quickly grades to mottled sandy silt to 7'. Slightly moist, cohesive, and less plastic.
7–10		6-8 1043; 8-10 & DUP 1045	Run 3 7.0'-10.0' Rec 3.0'					As above. More sand rich starting at 8.0' and less mottled with depth. Slowly grades to pale yellowish brown (10YR 6/2) silty sand. Well packed and fairly well sorted. Very fine grained, last 2" of run, with abrupt change to medium light gray (N6) gray sand. Had a slight odor, however no readings registered on PID when screening headspace.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-110
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 10:39 / Time 10:50
☐ Mud Rotary	2" x 18"		
☐ Sonic	3" x 12"	☐ Other:	Date 03/05/08 / Date 03/05/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1051; 2-4 1052	Run 1 0.0'-4.0' Rec 2.0'			0–4		Topsoil to 1.0' then hit tree roots, etc., probed through dark yellowish brown (10YR 4/2) clayey silt to 4'. Slightly plastic, moist, cohesive, and slightly stiff.
4–7		4-6 1055	Run 2 4.0'-7.0' Rec 3.5'			4–7		As above to 4.5', then grades to more sand rich matrix (clayey, sandy silt). More moist and plastic to 6.5'. Then, abrupt change to pale yellowish brown (10YR 6/2) silty sand. Slightly mottled, well packed, fairly well sorted, and fine grained.
7–10		6-8 1056; 8-10 1058	Run 3 7.0'-10.0' Rec 3.0'			7–10		As above, less mottled and less silty with depth, 10YR 6/2 fine sand.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-111

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 10:53 / Time 11:15
☐ Mud Rotary	2" x 18"	☐ Other:	Date 03/05/08 / Date 03/05/08
☐ Sonic	3" x 12"		
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1104; 2-4 1106	Run 1 0.0'-4.0' Rec 4.0'			0–4		Topsoil to 12", then slowly grades to dark yellowish brown (10YR 4/2) clayey sandy silt. Slightly mottled, cohesive, plastic, and moist to 3.75'. Then, abrupt change to 10YR 4/2 sandy silt. Mottled, slightly less moist, friable, and slightly cohesive.
4–7		4-6 1107	Run 2 4.0'-7.0' Rec 3.0'			4–7		As above to 6.75', becoming more mottled and moist with depth. Then, abrupt change to pale yellowish brown (10YR 6/2) fine grained sand. Slightly moist, cohesive and friable.
7–10		6-8 1108; 8-10 & DUP 1112	Run 3 7.0'-10.0' Rec 3.0'			7–10		As above to 9.0', then abrupt change to medium light gray (N6) sand. Very fine and well sorted. Has slight odor but does not resister PID readings.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips	Boring No. SB-112
		Site: Rogers Cartage Site
		Sheet 1 of 1

Drilling Method	Sampling Method	Sampling Interval
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft
■ Direct Push	☐ Split Spoon	☐ 10 ft
☐ Air Rotary	1.5" x 18"	■ Continuous Core
☐ Mud Rotary	2" x 18"	☐ Other:
☐ Sonic	3" x 12"	
☐ Other:	■ 2" x 48" Core	
	☐ Other:	

Start	Finish
Time 12:00	Time 12:20
Date 03/05/08	Date 03/05/08

Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4	0.0	0-2 1212; 2-4 1215	Run 1 0.0'-4.0' Rec 4.0'			0–4		Topsoil to 8", then fill (gravel, soil and asphalt) to 2.5'. Then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly stiff and plastic. Cohesive. Abrupt change to sandy silt at 3.5'. Less plastic, less stiff, and has odor, however does not register PID readings.
4–7	3.6	4-6 1218	Run 2 4.0'-7.0' Rec 2.75'			4–7		As above to 4.25', then grades back to 10YR 4/2 silty clay/clayey silt. More stiff, slightly moist, cohesive, slightly plastic, and mottled to 6.25'. Then grades to medium gray (N5)sandy silt. More dark gray with depth. Has odor.
7–10	19.6	6-8 1221; 8-10 1226	Run 3 7.0'-10.0' Rec 3.0'			7–10		As above. Quickly grades to dark gray (N3) silty sand. More moist and soft to 9.5'. Slightly cohesive, and less plastic with clay lense from 9.5-9.75'. Then becomes more sandy. Grades to medium light gray (N4) fine sand. Fairly well sorted. Has odor.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-113

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 12:25 / Time 12:45
☐ Mud Rotary	2" x 18"	☐ Other:	Date 03/05/08 / Date 03/05/08
☐ Sonic	3" x 12"		
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1240; 2-4 1241	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 4", then slowly grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly mottled from 1.0-3.0'. Slightly cohesive and friable to 3.5'. Then, becomes more moist and sand rich. Slight olive tint. becoming less stiff and more plastic.
4–7		4-6 1242	Run 2 4.0'-7.0' Rec 3.0'					As above to 6.0', becoming slightly more moist with depth. Then abrupt change to medium gray (N4) silty sand. Slightly varved, and slightly cohesive.
7–10	7.1	6-8 1244; 8-10 & DUP 1249	Run 3 7.0'-10.0' Rec 3.0'					As above with darker gray varigations. Has varved appearance. Slowly grades to medium light gray (N6) sand with depth. Fairly well graded, fine sand, with strong odor by EOB.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-114
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 12:47 / Time 13:00
☐ Mud Rotary	2" x 18"		
☐ Sonic	3" x 12"	☐ Other:	Date 03/05/08 / Date 03/05/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1254; 2-4 1256	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 1", then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly mottled, slightly cohesive, friable, and slightly moist to 3.75'. Then grades to more sand rich 10YR 4/2 sandy silt. Mottled and less stiff
4–7	1.3	4-6 1258	Run 2 4.0'-7.0' Rec 3.0'					As above, becoming slightly more moist to 6'. Then, abrupt change to 3" medium gray (N4) clay lense. Then abrupt change again N4 gray sand. Has odor and slight varving. Slightly cohesive.
7–10	0.5	6-8 1300; 8-10 1304	Run 3 7.0'-10.0' Rec 3.0'					As above, very fine sand. Grades to dark gray (N3) in color at 8.0'. Moist, has odor, and slightly cohesive.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips	Boring No. SB-115
		Site: Rogers Cartage Site
		Sheet 1 of 1

Drilling Method	Sampling Method	Sampling Interval
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft
■ Direct Push	☐ Split Spoon	☐ 10 ft
☐ Air Rotary	1.5" x 18"	■ Continuous Core
☐ Mud Rotary	2" x 18"	☐ Other:
☐ Sonic	3" x 12"	
☐ Other:	■ 2" x 48" Core	
	☐ Other:	

Start	Finish
Time 13:05	Time 13:15
Date 03/05/08	Date 03/05/08

Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1313; 2-4 1314	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 2", then grades to dark yellowish brown (10YR 4/2) clayey silt. Less moist, friable, and slightly cohesive to 3.0'. Wood piece in marcocore at 3.0', then quickly grades to more moist and clay rich 10YR4/2 clayey silt with grayish hue. Has odor.
4–7		4-6 1320	Run 2 4.0'-7.0' Rec 3.0'					As above to 5.0', then quickly grades to poorly sorted silty sand, fine to coarse sand (cinders-like) to 7'. Slightly more moist, but not plastic. Slightly cohesive. Has odor, but no PID hits.
7–10		6-8 1321; 8-10 & DUP 1323	Run 3 7.0'-10.0' Rec 2.5'					As above to 7.5', then grades to medium light gray (N6) colored sand. Better sorted and fine grained. Has odor, however slightly less than above.
10								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-116
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	Start / Finish
■ Direct Push	☐ Split Spoon	☐ 10 ft	Time 13:20 / Time 13:35
☐ Air Rotary	1.5" x 18"	■ Continuous Core	
☐ Mud Rotary	2" x 18"		
☐ Sonic	3" x 12"	☐ Other:	Date 03/05/08 / Date 03/05/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1330; 2-4 1332	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 1.0' then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly cohesive but friable. Slightly more moist with depth. No odor.
4–7		4-6 1334	Run 2 4.0'-7.0' Rec 3.0'					As above to 5.0', then abrupt change to medium dark gray (N4-N3) silty sand. Very fine gained and fairly well sorted. Varved appearance. Has odor, however no PID hits.
7–10		6-8 1336; 8-10 1338	Run 3 7.0'-10.0' Rec 3.0'					As above, with odor to 9.75'. Less oder and lighter colored medium light gray (N6) sand last 0.25' of run.
10–20								EOB 10.0 ft BGS

ERM

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-117
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 14:00 / Time 14:15
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/05/08 / Date 03/05/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1409; 2-4 1411	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 2", then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly cohesive and slightly moist. Slightly mottled and slightly stiff with no odor.
4–7		4-6 1415	Run 2 4.0'-7.0' Rec 3.0'					As above, becoming more sand rich with depth. Also more moist and mottled with depth. Grades to 10YR 4/2 clayey sandy silt towards 7'. Slight odor, but no PID hits.
7–10		6-8 1418; 8-10 & DUP 1421	Run 3 7.0'-10.0' Rec 3.0'					As above to 7.5', then abrupt change to 10YR 4/2 to 10YR 5/4 fine grained sand. Fairly well sorted and wet. Abrupt change to medium dark gray (N4) colored sand at 9.5' to EOB. No odor.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips	Boring No. SB-118
		Site: Rogers Cartage Site
		Sheet 1 of 1

Drilling Method	Sampling Method	Sampling Interval
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft
■ Direct Push	☐ Split Spoon	☐ 10 ft
☐ Air Rotary	1.5" x 18"	■ Continuous Core
☐ Mud Rotary	2" x 18"	☐ Other:
☐ Sonic	3" x 12"	
☐ Other:	■ 2" x 48" Core	
	☐ Other:	

Start	Finish
Time 14:18	Time 14:45
Date 03/05/08	Date 03/05/08

Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–1		0-2 1444	Run 1 0.0'-4.0' Rec 4.0'			0–1		Pushed rock from surface. Dark yellowish brown (10YR 4/2) clayey silt. Slightly stiff and cohesive. Slightly plastic.
1–2						1–2		
2–3		2-4 1446				2–3		
3–4						3–4		
4–5		4-6 1447	Run 2 4.0'-6.0' Rec 2.0'			4–5		As above to 5.0' (slightly mottled and slightly cohesive), then grades to pale yellowish brown (10YR 6/2) sandy silt. Has odor, less cohesive and less plastic, while slightly more stiff.
5–6						5–6		
6–7						6–7		EOB 6.0 ft BGS
7–8						7–8		NOTE: Original refusal at 6.0', then off set 5.0' to the south and got refusal at 2.0'. Off set 5.0' to the north of original location for final boring location.
8–9						8–9		
9–10						9–10		
10–11						10–11		
11–12						11–12		
12–13						12–13		
13–14						13–14		
14–15						14–15		
15–16						15–16		
16–17						16–17		
17–18						17–18		
18–19						18–19		
19–20						19–20		

ERM®

BORING/WELL CONSTRUCTION LOG

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-119

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	
☐ Air Rotary	1.5" x 18"	■ Continuous Core	
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		
☐ Other:	■ 2" x 48" Core		
	☐ Other:		

Start	Finish
Time 14:50	Time 15:02
Date 03/05/08	Date 03/05/08

Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1500; 2-4 1501	Run 1 0.0'-4.0' Rec 4.0'			0–4		Topsoil to 4", then dark yellowish brown (10YR 4/2) clayey silt. Slightly moist and cohesive, and less plastic. Wood/root at 3.0', then 10YR 4/2 with gray hue and odor from 3-4'. Slightly more moist, plastic, and cohesive to 4'.
4–7		4-6 1507	Run 2 4.0'-7.0' Rec 3.0'			4–7		As above to 4.5', then grades to medium light gray (N6) clayey sandy silt. Cohesive, slightly plastic, and slightly moist. Has slight odor.
7–10		6-8 1510; 8-10 & DUP 1512	Run 3 7.0'-10.0' Rec 2.5'			7–10		As above to 7.25', then abrupt change to N6 silty sand. Very fine grained, well sorted sand. More moist at 9.0'.
10						10		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-120
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger ☐ Hollow-Stem ■ Direct Push ☐ Air Rotary ☐ Mud Rotary ☐ Sonic ☐ Other:	☐ Glass Jar ☐ 2x6" Sampler ☐ Split Spoon 1.5" x 18" 2" x 18" 3" x 12" ■ 2" x 48" Core ☐ Other:	☐ 2.5 ft ☐ 5 ft ☐ 10 ft ■ Continuous Core ☐ Other:	Sheet 1 of 1
			Start: Time 15:05, Date 03/05/08
			Finish: Time 15:20, Date 03/05/08
		Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1518 2-4 1520	Run 1 0.0'-4.0' Rec 4.0'			0–4		Topsoil to 4", then dark yellowish brown (10YR 4/2) clayey silt. Slightly moist and cohesive. Less plastic and stiff. More moist and sand rich with depth. Slightly mottled.
4–7		4-6 1522	Run 2 4.0'-7.0' Rec 3.0'			4–7		As above to 4.5' then abrupt change to dark gray (N3)clayey sandy silt. Stiff and slightly plastic. Has odor. Grades to more sand rich matrix with depth.
7–10		6-8 1524 8-10 1532	Run 3 7.0'-10.0' Rec 3.0'			7–10		As above. Slowly grades to N3 fine sand with depth. Fairly well sorted, and has odor.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-121
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 15:30 / Time 15:45
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/05/08 / Date 03/05/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1540; 2-4 1541	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 2", then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly cohesive, less moist, and friable. More moist and silt rich with depth. No odor.
4–7		4-6 1452	Run 2 4.0'-7.0' Rec 3.0'					As above, more sandy starting at 5.5', grading to sandy silt from 5.5-7.0'. More moist and soft with depth. Mottled, with slight odor.
7–10		6-8 1544; 8-10 & DUP 1547	Run 3 7.0'-10.0' Rec 3.0'					As above to 7.5', then grades to dark gray (N3) sand from 7.5-8.0'. Well sorted, very fine sand. Has odor. Then, abrupt changes to medium light gray (N6) sand with odor at 8' to EOB.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-122
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger ☐ Hollow-Stem ■ Direct Push ☐ Air Rotary ☐ Mud Rotary ☐ Sonic ☐ Other:	☐ Glass Jar ☐ 2x6" Sampler ☐ Split Spoon 1.5" x 18" 2" x 18" 3" x 12" ■ 2" x 48" Core ☐ Other:	☐ 2.5 ft ☐ 5 ft ☐ 10 ft ■ Continuous Core ☐ Other:	Sheet 1 of 1 Start: Time 9:00, Date 03/06/08 Finish: Time 9:25, Date 03/06/08 Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 0918 2-4 0921	Run 1 0.0'-4.0' Rec 4.0'			0–4		Topsoil to 12", then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly cohesive, but friable to 3.0'. Then becomes more sand rich and moist. Slightly more plastic and soft, with a slight olive hue. No odor.
4–7		4-6 0922	Run 2 4.0'-7.0' Rec 2.5'			4–7		As above to 6.0', then abrupt change to medium dark gray to dark gray (N4-N3) varved silty sand. Has odor, however no PID hits. Very fine grained.
7–10		6-8 0924 8-10 0925	Run 3 7.0'-10.0' Rec 3.0'			7–10		As above to 9.0', then abrupt change to medium gray (N5) fine grained sand. Well sorted and Well sorted and has odor. No PID hits.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-123
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 9:28 / Time 9:45
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/06/08 / Date 03/06/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 0944; 2-4 0947	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 4" then gradually grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly cohesive, but friable. Slightly stiff to 3.75', then becomes more sand rich and moist with an olive hue. Slightly more soft.
4–7		4-6 0948	Run 2 4.0'-7.0' Rec 3.0'					As above, more sand rich with depth. No odor.
7–10		6-8 0950; 8-10 & DUP 0951	Run 3 7.0'-10.0' Rec 3.0'					As above to 8.5', then abrupt change to dark gray to medium dark gray (N3-N4) silty sand. Has odor to EOB, with slightly lighter gray sand in last 3" of run.
10–20								EOB 10.0 ft BGS

ERM

BORING/WELL CONSTRUCTION LOG

Boring Depth/Diameter:	/
Depth G. W. Encountered (During Drilling):	
Depth G. W. Encountered (After Drilling):	
Surface Elevation:	
Casing Depth/Diameter:	/
Contractor:	Harriss Drilling Services
Foreman:	Chris Volner

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-124

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 9:50 / Time 10:00
☐ Mud Rotary	2" x 18"	☐ Other:	Date 03/06/08 / Date 03/06/08
☐ Sonic	3" x 12"		
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 0956; 2-4 0958	Run 1 0.0'-4.0' Rec 4.0'			0–4		Topsoil to 6", then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly cohesive, but friable. More moist and soft with depth. Slightly mottled andmore sand rich matrix starting at 3.75'.
4–7		4-6 0959	Run 2 4.0'-7.0' Rec 3.0'			4–7		As above, with more mottling with depth. Grades to more sandy silt at 5.0-6.0'. Then, abrupt change to medium gray to medium dark gray (N5-N4) silty sand at 6.0'. Has odor, slightly stiff, and slightly cohesive.
7–10		6-8 1000; 8-10 1001	Run 3 7.0'-10.0' Rec 3.0'			7–10		As above to 8.0', then grades to medium dark gray to dark gray (N4-N3) fine grained sand. Farily well sorted. Has odor (no PID hits) to EOB.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-125
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 10:05 / Time 10:08
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/06/08 / Date 03/06/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0						0		Hit refusal on debris at 2.0' at original location. Mobed 5.0' north and hit refusal at 1.0'. Moved 10.0' north of original locaton for 2nd off-set. Sampled 0.0-2.0' interval, mostly topspil with rock in shoe of sampler. Refusal at 2'.
1		0-2 1008				1		
2						2		
3						3		
4						4		
5						5		
6						6		
7						7		
8						8		
9						9		
10						10		
11						11		
12						12		
13						13		
14						14		
15						15		
16						16		
17						17		
18						18		
19						19		
20						20		

ERM

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-126
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger ☐ Hollow-Stem ■ Direct Push ☐ Air Rotary ☐ Mud Rotary ☐ Sonic ☐ Other:	☐ Glass Jar ☐ 2x6" Sampler ☐ Split Spoon 1.5" x 18" 2" x 18" 3" x 12" ■ 2" x 48" Core ☐ Other:	☐ 2.5 ft ☐ 5 ft ☐ 10 ft ■ Continuous Core ☐ Other:	Sheet 1 of 1 Start: Time 10:08, Date 03/06/08 Finish: Time 10:25, Date 03/06/08 Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4	5.6	0-2 1016 2-4 1019	Run 1 0.0'-4.0' Rec 4.0'			0–4		No topsoil. Dark yellowish brown (10YR 4/2) clayey silt. Dry, slightly cohesive, but friable to 0.75'. Then, quickly grades to dark gray to grayish black (N3-N2) clayey silt with odor to 1.75'. Grades back to 10YR 4/2 clayey silt, slightly more moist with depth. Slightly cohesive but friable and slightly more stiff with depth.
4–7	20.4	4-6 1021	Run 2 4.0'-7.0' Rec 3.0'			4–7		Quickly grades to medium light gray (N6) very very fine silty sand at 4.25' to 5.5'. Dry, friable, and slightly cohesive. More silt rich and cohesive with depth, slowly grading to medium dark gray (N4) clayey silt/silty clay from 6.5-7.0'. Stiff, cohesive, and weakly plastic with high odor throughout run.
7–10	17.9	6-8 1023 8-10 & DUP 1026	Run 3 7.0'-10.0' Rec 3.0'			7–10		As above to 7.5', then alternates silt and sand every 6" to EOB. Sand and silt is varved N6-N4 in color, with a dark silt band (4" thick) at 9.0'. High odor to EOB.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-127
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger ☐ Hollow-Stem ■ Direct Push ☐ Air Rotary ☐ Mud Rotary ☐ Sonic ☐ Other:	☐ Glass Jar ☐ 2x6" Sampler ☐ Split Spoon 1.5" x 18" 2" x 18" 3" x 12" ■ 2" x 48" Core ☐ Other:	☐ 2.5 ft ☐ 5 ft ☐ 10 ft ■ Continuous Core ☐ Other:	Sheet 1 of 1 Start: Time 10:27, Date 03/06/08 Finish: Time 10:45, Date 03/06/08 Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1035 2-4 1037	Run 1 0.0'-4.0' Rec 4.0'			0–4		No topsoil. Dark yellowish brown (10YR 4/2) silty clay with rock shards and fill to 4.0'. Mottled, slightly cohesive and stiff. Friable. No odor.
4–7	12.4	4-6 1038	Run 2 4.0'-7.0' Rec 2.0'			4–7		As above to 6.5', then grades to more silt-rich matrix. Slightly more moist and plastic. High odor.
7–10		6-8 1040 8-10 1043	Run 3 7.0'-10.0' Rec 1.0'			7–10		Quickly changes to dark gray (N3) sandy silt. Cohesive. Contains some free liquid with high odor. More sand rich with depth.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-128
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 10:50 / Time 10:59
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/06/08 / Date 03/06/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0						0		Rock and gravel fill to 1.0', then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly moist, cohesive and friable to 3.0'. Then grades to more sandy silt from 3.5-4.0' bgs. Mottled, with no odor.
1		0-2 1055	Run 1 0.0'-4.0' Rec 4.0'			1		
2						2		
3		2-4 1056				3		
4						4		As above to 6.5', then abrupt change to pale yellowish brown (10YR 6/2) silty sand. Slightly cohesive, very fine sand. More moist, with no odor.
5		4-6 1058	Run 2 4.0'-7.0' Rec 3.0'			5		
6						6		
7		6-8 1059	Run 3 7.0'-10.0' Rec 3.0'			7		As above to 9.0', becoming more sand rich (less silt). Then grades to medium dark gray to dark gray (N4-N3) sand. Appears varved. Slight odor, but no PID hits.
8	0.0					8		
9		8-10 & DUP 1104				9		
10						10		EOB 10.0 ft BGS
11						11		
12						12		
13						13		
14						14		
15						15		
16						16		
17						17		
18						18		
19						19		
20						20		

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-129
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 11:03 / Time 11:15
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/06/08 / Date 03/06/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1109; 2-4 1111	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 4", then dark yellowish brown (10YR 4/2) clayey silt. Slightly cohesive and slightly moist. Friable. Slightly mottled and sandy starting at 3.5'. Also slightly more moist with no odor.
4–7		4-6 1112	Run 2 4.0'-7.0' Rec 3.0'					As above, more mottled and stiff with depth to 5.5'. Then, abrupt change to pale yellowish brown (10YR 6/2) very fine sand to silty sand. Weakly cohesive, slightly moist, and slightly mottled.
7–10		6-8 1113; 8-10 1117	Run 3 7.0'-10.0' Rec 3.0'					As above to 8.0', then abrupt change to medium dark gray (N4) sand. Wet, very fined grained, with odor starting at 8.5'. Then abrupt change to medium light gray (N6) sand at 9.25'. Slightly less odor, with no PID hits.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-130
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 11:20 / Time 11:30
☐ Mud Rotary	2" x 18"		
☐ Sonic	3" x 12"	☐ Other:	Date 03/06/08 / Date 03/06/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1124 2-4 1126	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 6", then moderate yellowish brown (10YR 5/4) clayey silt. Dry, friable, slightly cohesive and stiff to 3.0'. Then grades to more cohesive and moist dark yellowish brown (10YR 4/2) clayey silt, with some sand in matrix. Slightly mottled. No odor.
4–7		4-6 1128	Run 2 4.0'-7.0' Rec 3.0'					As above, fine grained. Grades to silty sand at 5.0'. No odor. More sand rich and less cohesive with depth. Slightly less mottled.
7–10		6-8 1130 8-10 & DUP 1132	Run 3 7.0'-10.0' Rec 3.0'					As above to 8.0', then becomes more wet and plastic to 8.5'. Grades to medium dark gray (N4) silty sand from 8.0-9.0'. Slight odor. Then abrupt change to medium light gray (N6), fairly well sorted sand. Fine grained. Faint odor, with no PID hits to EOB.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-131
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 11:34 / Time 11:50
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/06/08 / Date 03/06/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1139; 2-4 1141	Run 1 0.0'-4.0' Rec 4.0'			0–4		Topsoil to 4", then dark yellowish brown (10YR 4/2) clayey silt. Slightly cohesive, slightly moist, and friable. Sandy and more moist with depth. Less stiff, with severe mottleing at 3.5-3.6' (rusty), then more sand rich to 4'.
4–7		4-6 1143	Run 2 4.0'-7.0' Rec 3.0'			4–7		As above. More sand rith with depth, grading to pale yellowish brown (10YR 6/2) silty sand by 6.0'. Fine grained, dry, friable, and weakly cohesive.
7–10		6-8 1144; 8-10 & DUP 1146	Run 3 7.0'-10.0' Rec 3.0'			7–10		As above to 7.5', then grades to medium gray (N5) silty sand. Wet and soft to 9.0', then abrupt change to N5 fine sand. Well sorted, wet, with slight to no odor.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips	Boring No. SB-132
		Site: Rogers Cartage Site
		Sheet 1 of 1

Drilling Method	Sampling Method	Sampling Interval
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft
■ Direct Push	☐ Split Spoon	☐ 10 ft
☐ Air Rotary	1.5" x 18"	■ Continuous Core
☐ Mud Rotary	2" x 18"	☐ Other:
☐ Sonic	3" x 12"	
☐ Other:	■ 2" x 48" Core	
	☐ Other:	

Start	Finish
Time 9:30	Time 9:45
Date 03/27/08	Date 03/27/08

Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 0957; 2-4 0959	Run 1 0.0'-4.0' Rec 4.0'			0–4		Topsoil to 1.0', then grades to dark yellowish brown (10YR 4/2) clayey silt. More moist and plastic. Slightly stiff and mottled to 3.5', then becomes more sandy, mottled and moist.
4–7		4-6 1003	Run 2 4.0'-7.0' Rec 3.0'			4–7		As above, becoming more sandy with depth. Varved from 5.0-6.5' with black sand. No odor. Then grades to pale yellowish brown (10YR 6/2) sand. Very fine graned, and slightly cohesive to 7'.
7–10		6-8 1004; 8-10 1005	Run 3 7.0'-10.0' Rec 3.0'			7–10		As above. Fine sand, courses slightly downward. No odor. Wet.
10–20						10–20		EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-133
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
☒ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	☒ Continuous Core	Time 9:50 / Time 10:10
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/27/08 / Date 03/27/08
☐ Other:	☒ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1009; 2-4 1010	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 1.5', then grades to dark yellowish brown (10YR 4/2) clayey silt. Mottled, cohesive, and slightly plastic. More sandy at 3.5' to 4'.
4–7	0.0	4-6 1012	Run 2 4.0'-7.0' Rec 3.0'					As above, becoming more sandy and mottled with depth. Grades to medium dark gray (N4) very fine silty sand at 6.75'. Cohesive, has odor, and slightly varved.
7–10	0.0	6-8 1015; 8-10 & DUP 1017	Run 3 7.0'-10.0' Rec 3.0'					As above, slowly grading to medium dak gray to grayish black (N4-N2) silty sand. Has odor. Slightly cohesive, soft and wet. Varved to EOB.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-134
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger ☐ Hollow-Stem ■ Direct Push ☐ Air Rotary ☐ Mud Rotary ☐ Sonic ☐ Other:	☐ Glass Jar ☐ 2x6" Sampler ☐ Split Spoon 1.5" x 18" 2" x 18" 3" x 12" ■ 2" x 48" Core ☐ Other:	☐ 2.5 ft ☐ 5 ft ☐ 10 ft ■ Continuous Core ☐ Other:	Sheet 1 of 1 Start: Time 10:15, Date 03/27/08 Finish: Time 10:35, Date 03/27/08 Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1029 2-4 1031	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 2.0', then grades to dark yellowish brown (10YR 4/2) clayey silt. Slightly mottled and cohesive. Slightly stiff and more sandy at 3.5'. Has odor at 3.5' to4'.
4–7	0.0	4-6 1034	Run 2 4.0'-7.0' Rec 2.0'					More sandy, grading to pale yellowish brown (10YR 6/2) silty sand. Has grayish black (N2) staining and odor from 6.5-6.75', then grades to more medium light gray (N6) sand last 2" of run.
7–10	15.0	6-8 1037 8-10 1038	Run 3 7.0'-10.0' Rec 1.5'					Refusal at 9.0'. As above. Slightly varved fro 8.0-8.5', and has high odor.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-135
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 11:00 / Time 11:15
☐ Mud Rotary	2" x 18"		
☐ Sonic	3" x 12"	☐ Other:	Date 03/27/08 / Date 03/27/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1029; 2-4 1031	Run 1 0.0'-4.0' Rec 3.0'					Rock, brick, gravel, and soil fill material. No Odor.
4–7	0.0	4-6 1034	Run 2 4.0'-7.0' Rec 3.0'					As above to 5.5', then changes to clayey, sandy silt. Medium light gray to medium dark gray (N6-N4) in color. More black and stained with odor at 6.5-7.0'. More sandy as well.
7–10	7.1	6-8 1037; 8-10 1038	Run 3 7.0'-10.0' Rec 3.0'					Grades to N6 sand. Stained with N4 color to 9.5', then abrupt change to N4 colored sand. Fine grained, and has odor.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips		Boring No. SB-136
Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 11:20 / Time 11:40
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/27/08 / Date 03/27/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4	0.0	0-2 1134; 2-4 1135	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 4", then dark yellowish brown (10YR 4/2) clayey silt. Contains fill material and root fragments. Slightly stiff and cohesive. Has odor last 1.0' of run.
4–7	5.6	4-6 1139	Run 2 4.0'-7.0' Rec 2.5'					As above, slowly grading to medium light gray (N6) silty sand. More sandy with depth, grading to fine sand at 6.5'. Has strong odor and sheen with different surface tension than that of water in sample liner. Wet.
7–10	0.0	6-8 1143; 8-10 1145	Run 3 7.0'-10.0' Rec 3.0'					As above, N6 sand to 9.75'. Then abrupt change to medium dark gray (N4) sandy silt. Varved to EOB, and has odor.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips	Boring No. SB-137
		Site: Rogers Cartage Site
		Sheet 1 of 1

Drilling Method	Sampling Method	Sampling Interval
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft
■ Direct Push	☐ Split Spoon	☐ 10 ft
☐ Air Rotary	1.5" x 18"	■ Continuous Core
☐ Mud Rotary	2" x 18"	☐ Other:
☐ Sonic	3" x 12"	
☐ Other:	■ 2" x 48" Core	
	☐ Other:	

Start	Finish
Time 11:43	Time 12:05
Date 03/27/08	Date 03/27/08

Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1152; 2-4 1154	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 4", then fill material to 1.0'. Then quickly grades to dark yellowish brown (10YR 4/2) clayey silt. Stiff, slightly plastic, cohesive, and mottled. Slightly more moist and plastic with depth. No odor.
4–7		4-6 1200	Run 2 4.0'-7.0' Rec 3.0'					As above to 5.5', then quickly grades to mottled pale yellowish brown (10YR 6/2) sandy silt. More plastic and moist to 7'.
7–10		6-8 1203; 8-10 & DUP 1205	Run 3 7.0'-10.0' Rec 3.0'					As above to 9.0', with varving from 8.0-9.0' (with black varves). Severely mottled. Abrupt change to medium light gray to medium dark gray (N6-N4) silty sand at 9.0'. Has odor.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN:	Client:	Boring No.
0080214	ConocoPhillips	SB-138

Drilling Method	Sampling Method	Sampling Interval	Site: Rogers Cartage Site
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft	Sheet 1 of 1
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft	
■ Direct Push	☐ Split Spoon	☐ 10 ft	Start / Finish
☐ Air Rotary	1.5" x 18"	■ Continuous Core	Time 12:50 / Time 13:15
☐ Mud Rotary	2" x 18"	☐ Other:	
☐ Sonic	3" x 12"		Date 03/27/08 / Date 03/27/08
☐ Other:	■ 2" x 48" Core		
	☐ Other:	Logged by: Dan Wilkens	

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1310; 2-4 1313	Run 1 0.0'-4.0' Rec 4.0'			0–4		Topsoil to 4", then soil, rock, gravel fill to 3.0'. Grades to dark yellowish brown (10YR 4/2) clayey silt with fill fragments. No odor, slightly moist, and slightly cohesive.
4–7	0.0	4-6 1315	Run 2 4.0'-7.0' Rec 3.0'			4–7		As above, fill to 5.5', then abrupt change to moderate brown (5YR 4/4) dry silt. Varved with white sandstone, giving "dusty tan" appearance. Has odor. 2" sand lense at 6.5'.
7–8	0.0	6-8 1317	Run 3 7.0'-10.0' Rec 1.0'			7–8		Refusal at 8.0'. Grades to gravelly 1/4" minus sandy fill Has odor. Wet.
8–20						8–20		EOB 8.0 ft BGS

ERM

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips	Boring No. SB-139
		Site: Rogers Cartage Site

Drilling Method	Sampling Method	Sampling Interval
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft
■ Direct Push	☐ Split Spoon	☐ 10 ft
☐ Air Rotary	1.5" x 18"	■ Continuous Core
☐ Mud Rotary	2" x 18"	☐ Other:
☐ Sonic	3" x 12"	
☐ Other:	■ 2" x 48" Core	
	☐ Other:	

Sheet 1 of 1

Start	Finish
Time 13:18	Time 13:40
Date 03/27/08	Date 03/27/08

Logged by: Dan Wilkens

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /

Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0–4		0-2 1325; 2-4 1325	Run 1 0.0'-4.0' Rec 4.0'					Topsoil to 6", then fill (sand and soil) to 3.0'. Then changes to pale to dark yellowsh brown (10YR 6/2 to 4/2) sandy silt. Cohesive, stiff, slightly plastic. Has odor, and it more sandy with depth.
4–7		4-6 1330	Run 2 4.0'-7.0' Rec 2.0'					Grades to more fill, gradually soil, bricks. Less odor and clayey.
7–10	0.3	6-8 1332; 8-10 & DUP 1335	Run 3 7.0'-10.0' Rec 3.0'					Quickly grades to black fill material. Wood fragments and gravel in soil matrix to 9.0'. Then quickly grades to medium dark gray (N4) sand. Fine grained, well sorted, has odor.
10–20								EOB 10.0 ft BGS

ERM.

BORING/WELL CONSTRUCTION LOG

PN: 0080214	Client: ConocoPhillips	Boring No. SB-140
		Site: Rogers Cartage Site
		Sheet 1 of 1

Drilling Method	Sampling Method	Sampling Interval
☐ Hand Auger	☐ Glass Jar	☐ 2.5 ft
☐ Hollow-Stem	☐ 2x6" Sampler	☐ 5 ft
■ Direct Push	☐ Split Spoon	☐ 10 ft
☐ Air Rotary	1.5" x 18"	■ Continuous Core
☐ Mud Rotary	2" x 18"	☐ Other:
☐ Sonic	3" x 12"	
☐ Other:	■ 2" x 48" Core	
	☐ Other:	Logged by: Dan Wilkens

Start	Finish
Time 13:45	Time 14:00
Date 03/27/08	Date 03/27/08

Boring Depth/Diameter: /
Depth G. W. Encountered (During Drilling):
Depth G. W. Encountered (After Drilling):
Surface Elevation:
Casing Depth/Diameter: /
Contractor: Harriss Drilling Services
Foreman: Chris Volner

Well Construction Summary

Depth (ft)	Casing	Depth (ft)	Annulus	Surface Completion
to		to		
to		to		
to		to		
to		to		

Depth in Feet	PID/OVM (ppm)	Sample I.D.	Run Length/Rec.	Penetrometer	Well Construction Details	Depth in Feet	USCS Designation	Description
0						0		Blind probed 0-10'. See SB-127 for log from 0-10'.
1						1		
2						2		
3						3		
4						4		
5						5		
6						6		
7						7		
8						8		
9						9		
10						10		Black sand, with strong odor from 10.0-12.0'. Brick shard in sand material at 12.0'. Less black and less odor from 12.0-13.0'.
11	0.4	10-12 1357	Run 1 10.0'-13.0' Rec 3.0'			11		
12						12		
13						13		As above, black sand grading to medium dark gray (N4) sand from 15.5-16.0'. Slightly less odor.
14	0.1	12-14 1359	Run 2 13.0'-16.0' Rec 3.0'			14		
15		14-16 & DUP 1402				15		
16						16		EOB 16.0 ft BGS
17						17		
18						18		
19						19		
20						20		

Appendix B

Laboratory Reports

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

March 11, 2008 8:02:30AM

Client: ERM-North Central (3075)
12755 Olive Blvd, Suite 110
St. Louis, MO 63141
Attn: Dan Wilkens

Work Order: NRC0189
Project Name: Conoco-Phillips PCB Project
Project Nbr: Conoco-Phillips PCB Project
P/O Nbr:
Date Received: 03/04/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SB-100 (0-2)	NRC0189-01	03/03/08 10:20
SB-100 (2-4)	NRC0189-02	03/03/08 10:23
SB-100 (4-6)	NRC0189-03	03/03/08 10:30
SB-100 (6-8)	NRC0189-04	03/03/08 10:32
SB-100 (8-10)	NRC0189-05	03/03/08 10:33
SB-101 (0-2)	NRC0189-06	03/03/08 10:49
SB-101 (2-4)	NRC0189-07	03/03/08 10:50
SB-101 (4-6)	NRC0189-08	03/03/08 10:53
SB-101 (6-8)	NRC0189-09	03/03/08 10:54
SB-101 (8-10)	NRC0189-10	03/03/08 10:58
SB-101 (8-10) Dup	NRC0189-11	03/03/08 10:58
SB-102 (0-2)	NRC0189-12	03/03/08 11:11
SB-102 (2-4)	NRC0189-13	03/03/08 11:14
SB-102 (4-6)	NRC0189-14	03/03/08 11:15
SB-102 (6-8)	NRC0189-15	03/03/08 11:18
SB-102 (8-10)	NRC0189-16	03/03/08 11:20
SB-103 (0-2)	NRC0189-17	03/03/08 11:29
SB-103 (2-4)	NRC0189-18	03/03/08 11:32
SB-103 (4-6)	NRC0189-19	03/03/08 11:33
SB-103 (6-8)	NRC0189-20	03/03/08 11:35
SB-103 (8-10)	NRC0189-21	03/03/08 11:37
SB-103 (8-10) Dup	NRC0189-22	03/03/08 11:37
SB-104 (0-2)	NRC0189-23	03/03/08 11:46
SB-104 (2-4)	NRC0189-24	03/03/08 11:49
SB-104 (4-6)	NRC0189-25	03/03/08 11:50
SB-104 (6-8)	NRC0189-26	03/03/08 11:53

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

SB-104 (8-10)	NRC0189-27	03/03/08 11:54
SB-105 (0-2)	NRC0189-28	03/03/08 12:00
SB-105 (2-4)	NRC0189-29	03/03/08 12:03
SB-105 (4-6)	NRC0189-30	03/03/08 12:04
SB-105 (6-8)	NRC0189-31	03/03/08 12:06
SB-105 (8-10)	NRC0189-32	03/03/08 12:08
SB-105 (8-10) Dup	NRC0189-33	03/03/08 12:08

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Illinois Certification Number: 001915

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

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

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Andi R. Jones

Andi Jones

Project Management

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-01 (SB-100 (0-2) - Soil) Sampled: 03/03/08 10:20								
General Chemistry Parameters								
% Dry Solids	**94.2**		%	0.500	1	03/07/08 09:41	SW-846	8030725
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0347	1	03/05/08 15:05	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0347	1	03/05/08 15:05	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0347	1	03/05/08 15:05	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0347	1	03/05/08 15:05	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0347	1	03/05/08 15:05	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0347	1	03/05/08 15:05	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0347	1	03/05/08 15:05	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*92 %*					*03/05/08 15:05*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*104 %*					*03/05/08 15:05*	*SW846 8082*	*8030435*
Sample ID: NRC0189-02 (SB-100 (2-4) - Soil) Sampled: 03/03/08 10:23								
General Chemistry Parameters								
% Dry Solids	**86.1**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0383	1	03/05/08 15:26	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0383	1	03/05/08 15:26	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0383	1	03/05/08 15:26	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0383	1	03/05/08 15:26	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0383	1	03/05/08 15:26	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0383	1	03/05/08 15:26	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0383	1	03/05/08 15:26	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*78 %*					*03/05/08 15:26*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*108 %*					*03/05/08 15:26*	*SW846 8082*	*8030435*
Sample ID: NRC0189-03 (SB-100 (4-6) - Soil) Sampled: 03/03/08 10:30								
General Chemistry Parameters								
% Dry Solids	**77.9**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0415	1	03/05/08 15:46	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0415	1	03/05/08 15:46	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0415	1	03/05/08 15:46	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0415	1	03/05/08 15:46	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0415	1	03/05/08 15:46	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0415	1	03/05/08 15:46	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0415	1	03/05/08 15:46	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*80 %*					*03/05/08 15:46*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*98 %*					*03/05/08 15:46*	*SW846 8082*	*8030435*

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-04 (SB-100 (6-8) - Soil) Sampled: 03/03/08 10:32								
General Chemistry Parameters								
% Dry Solids	**80.8**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0401	1	03/05/08 16:06	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0401	1	03/05/08 16:06	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0401	1	03/05/08 16:06	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0401	1	03/05/08 16:06	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0401	1	03/05/08 16:06	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0401	1	03/05/08 16:06	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0401	1	03/05/08 16:06	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*96 %*					*03/05/08 16:06*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*112 %*					*03/05/08 16:06*	*SW846 8082*	*8030435*
Sample ID: NRC0189-05 (SB-100 (8-10) - Soil) Sampled: 03/03/08 10:33								
General Chemistry Parameters								
% Dry Solids	**83.9**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0394	1	03/05/08 16:27	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0394	1	03/05/08 16:27	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0394	1	03/05/08 16:27	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0394	1	03/05/08 16:27	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0394	1	03/05/08 16:27	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0394	1	03/05/08 16:27	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0394	1	03/05/08 16:27	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*112 %*					*03/05/08 16:27*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*114 %*					*03/05/08 16:27*	*SW846 8082*	*8030435*
Sample ID: NRC0189-06 (SB-101 (0-2) - Soil) Sampled: 03/03/08 10:49								
General Chemistry Parameters								
% Dry Solids	**83.7**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0396	1	03/05/08 16:47	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0396	1	03/05/08 16:47	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0396	1	03/05/08 16:47	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0396	1	03/05/08 16:47	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0396	1	03/05/08 16:47	SW846 8082	8030435
PCB-1254	**0.414**		mg/kg dry	0.0396	1	03/05/08 16:47	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0396	1	03/05/08 16:47	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*106 %*					*03/05/08 16:47*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*238 %*	*Z5*				*03/05/08 16:47*	*SW846 8082*	*8030435*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-07 (SB-101 (2-4) - Soil) Sampled: 03/03/08 10:50								
General Chemistry Parameters								
% Dry Solids	**81.6**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0397	1	03/05/08 17:08	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0397	1	03/05/08 17:08	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0397	1	03/05/08 17:08	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0397	1	03/05/08 17:08	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0397	1	03/05/08 17:08	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0397	1	03/05/08 17:08	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0397	1	03/05/08 17:08	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/05/08 17:08*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*258 %*	*Z5*				*03/05/08 17:08*	*SW846 8082*	*8030435*
Sample ID: NRC0189-08 (SB-101 (4-6) - Soil) Sampled: 03/03/08 10:53								
General Chemistry Parameters								
% Dry Solids	**82.8**		%	0.500	1	03/07/08 09:41	SW-846	8030725
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0398	1	03/05/08 17:28	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0398	1	03/05/08 17:28	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0398	1	03/05/08 17:28	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0398	1	03/05/08 17:28	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0398	1	03/05/08 17:28	SW846 8082	8030435
PCB-1254	**0.0713**		mg/kg dry	0.0398	1	03/05/08 17:28	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0398	1	03/05/08 17:28	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*66 %*					*03/05/08 17:28*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*258 %*	*Z5*				*03/05/08 17:28*	*SW846 8082*	*8030435*
Sample ID: NRC0189-09 (SB-101 (6-8) - Soil) Sampled: 03/03/08 10:54								
General Chemistry Parameters								
% Dry Solids	**91.5**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0357	1	03/05/08 18:29	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0357	1	03/05/08 18:29	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0357	1	03/05/08 18:29	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0357	1	03/05/08 18:29	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0357	1	03/05/08 18:29	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0357	1	03/05/08 18:29	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0357	1	03/05/08 18:29	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*88 %*					*03/05/08 18:29*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*102 %*					*03/05/08 18:29*	*SW846 8082*	*8030435*

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-10 (SB-101 (8-10) - Soil) Sampled: 03/03/08 10:58								
General Chemistry Parameters								
% Dry Solids	**75.1**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0435	1	03/05/08 18:50	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0435	1	03/05/08 18:50	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0435	1	03/05/08 18:50	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0435	1	03/05/08 18:50	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0435	1	03/05/08 18:50	SW846 8082	8030435
PCB-1254	**0.0623**		mg/kg dry	0.0435	1	03/05/08 18:50	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0435	1	03/05/08 18:50	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*92 %*					*03/05/08 18:50*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*112 %*					*03/05/08 18:50*	*SW846 8082*	*8030435*
Sample ID: NRC0189-11 (SB-101 (8-10) Dup - Soil) Sampled: 03/03/08 10:58								
General Chemistry Parameters								
% Dry Solids	**81.3**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0409	1	03/05/08 19:10	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0409	1	03/05/08 19:10	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0409	1	03/05/08 19:10	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0409	1	03/05/08 19:10	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0409	1	03/05/08 19:10	SW846 8082	8030435
PCB-1254	**0.215**		mg/kg dry	0.0409	1	03/05/08 19:10	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0409	1	03/05/08 19:10	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*94 %*					*03/05/08 19:10*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*106 %*					*03/05/08 19:10*	*SW846 8082*	*8030435*
Sample ID: NRC0189-12 (SB-102 (0-2) - Soil) Sampled: 03/03/08 11:11								
General Chemistry Parameters								
% Dry Solids	**85.5**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	1.89	50	03/06/08 12:16	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	1.89	50	03/06/08 12:16	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	1.89	50	03/06/08 12:16	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	1.89	50	03/06/08 12:16	SW846 8082	8030435
PCB-1248	**54.2**		mg/kg dry	1.89	50	03/06/08 12:16	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	1.89	50	03/06/08 12:16	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	1.89	50	03/06/08 12:16	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/06/08 12:16*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/06/08 12:16*	*SW846 8082*	*8030435*

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Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-13 (SB-102 (2-4) - Soil) Sampled: 03/03/08 11:14								
General Chemistry Parameters								
% Dry Solids	**85.8**		%	0.500	1	03/06/08 09:46	SW-846	8030494
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	1.89	50	03/06/08 12:37	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	1.89	50	03/06/08 12:37	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	1.89	50	03/06/08 12:37	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	1.89	50	03/06/08 12:37	SW846 8082	8030435
PCB-1248	**3.82**		mg/kg dry	1.89	50	03/06/08 12:37	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	1.89	50	03/06/08 12:37	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	1.89	50	03/06/08 12:37	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/06/08 12:37*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/06/08 12:37*	*SW846 8082*	*8030435*
Sample ID: NRC0189-14 (SB-102 (4-6) - Soil) Sampled: 03/03/08 11:15								
General Chemistry Parameters								
% Dry Solids	**25.8**		%	0.500	1	03/07/08 09:41	SW-846	8030725
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	6.43	50	03/06/08 12:57	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	6.43	50	03/06/08 12:57	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	6.43	50	03/06/08 12:57	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	6.43	50	03/06/08 12:57	SW846 8082	8030435
PCB-1248	**40.8**		mg/kg dry	6.43	50	03/06/08 12:57	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	6.43	50	03/06/08 12:57	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	6.43	50	03/06/08 12:57	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/06/08 12:57*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/06/08 12:57*	*SW846 8082*	*8030435*
Sample ID: NRC0189-15 (SB-102 (6-8) - Soil) Sampled: 03/03/08 11:18								
General Chemistry Parameters								
% Dry Solids	**73.9**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.21	50	03/06/08 13:18	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	2.21	50	03/06/08 13:18	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	2.21	50	03/06/08 13:18	SW846 8082	8030435
PCB-1242	**22.2**		mg/kg dry	2.21	50	03/06/08 13:18	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	2.21	50	03/06/08 13:18	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	2.21	50	03/06/08 13:18	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	2.21	50	03/06/08 13:18	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/06/08 13:18*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/06/08 13:18*	*SW846 8082*	*8030435*

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-16 (SB-102 (8-10) - Soil) Sampled: 03/03/08 11:20								
General Chemistry Parameters								
% Dry Solids	**76.8**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.216	5	03/06/08 13:38	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.216	5	03/06/08 13:38	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.216	5	03/06/08 13:38	SW846 8082	8030435
PCB-1242	**2.33**		mg/kg dry	0.216	5	03/06/08 13:38	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.216	5	03/06/08 13:38	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.216	5	03/06/08 13:38	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.216	5	03/06/08 13:38	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*40 %*					*03/06/08 13:38*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*110 %*					*03/06/08 13:38*	*SW846 8082*	*8030435*
Sample ID: NRC0189-17 (SB-103 (0-2) - Soil) Sampled: 03/03/08 11:29								
General Chemistry Parameters								
% Dry Solids	**78.8**		%	0.500	1	03/07/08 09:41	SW-846	8030725
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0420	1	03/05/08 21:12	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0 0420	1	03/05/08 21:12	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0420	1	03/05/08 21:12	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0420	1	03/05/08 21:12	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0420	1	03/05/08 21:12	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0420	1	03/05/08 21:12	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0420	1	03/05/08 21:12	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*102 %*					*03/05/08 21:12*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*100 %*					*03/05/08 21:12*	*SW846 8082*	*8030435*
Sample ID: NRC0189-18 (SB-103 (2-4) - Soil) Sampled: 03/03/08 11:32								
General Chemistry Parameters								
% Dry Solids	**76.0**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0431	1	03/05/08 21:33	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0431	1	03/05/08 21:33	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0431	1	03/05/08 21:33	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0431	1	03/05/08 21:33	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0431	1	03/05/08 21:33	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0431	1	03/05/08 21:33	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0431	1	03/05/08 21:33	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*60 %*					*03/05/08 21:33*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*82 %*					*03/05/08 21:33*	*SW846 8082*	*8030435*

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Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-19 (SB-103 (4-6) - Soil) Sampled: 03/03/08 11:33								
General Chemistry Parameters								
% Dry Solids	**76.4**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0427	1	03/05/08 21:53	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0427	1	03/05/08 21:53	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0427	1	03/05/08 21:53	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0427	1	03/05/08 21:53	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0427	1	03/05/08 21:53	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0427	1	03/05/08 21:53	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0427	1	03/05/08 21:53	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*03/05/08 21:53*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*98 %*					*03/05/08 21:53*	*SW846 8082*	*8030435*
Sample ID: NRC0189-20 (SB-103 (6-8) - Soil) Sampled: 03/03/08 11:35								
General Chemistry Parameters								
% Dry Solids	**70.5**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0460	1	03/05/08 22:13	SW846 8082	8030435
PCB-1221	ND		mg/kg dry	0.0460	1	03/05/08 22:13	SW846 8082	8030435
PCB-1232	ND		mg/kg dry	0.0460	1	03/05/08 22:13	SW846 8082	8030435
PCB-1242	ND		mg/kg dry	0.0460	1	03/05/08 22:13	SW846 8082	8030435
PCB-1248	ND		mg/kg dry	0.0460	1	03/05/08 22:13	SW846 8082	8030435
PCB-1254	ND		mg/kg dry	0.0460	1	03/05/08 22:13	SW846 8082	8030435
PCB-1260	ND		mg/kg dry	0.0460	1	03/05/08 22:13	SW846 8082	8030435
Surr: Tetrachloro-meta-xylene (15-150%)	*64 %*					*03/05/08 22:13*	*SW846 8082*	*8030435*
Surr: Decachlorobiphenyl (10-150%)	*88 %*					*03/05/08 22:13*	*SW846 8082*	*8030435*
Sample ID: NRC0189-21 (SB-103 (8-10) - Soil) Sampled: 03/03/08 11:37								
General Chemistry Parameters								
% Dry Solids	**72.3**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0460	1	03/06/08 00:36	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0460	1	03/06/08 00:36	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0460	1	03/06/08 00:36	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0460	1	03/06/08 00:36	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0460	1	03/06/08 00:36	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0460	1	03/06/08 00:36	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0460	1	03/06/08 00:36	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*104 %*					*03/06/08 00:36*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*114 %*					*03/06/08 00:36*	*SW846 8082*	*8030436*

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-22 (SB-103 (8-10) Dup - Soil) Sampled: 03/03/08 11:37								
General Chemistry Parameters								
% Dry Solids	**81.6**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0404	1	03/06/08 00:56	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0404	1	03/06/08 00:56	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0404	1	03/06/08 00:56	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0404	1	03/06/08 00:56	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0404	1	03/06/08 00:56	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0404	1	03/06/08 00:56	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0404	1	03/06/08 00:56	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*76 %*					*03/06/08 00:56*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*120 %*					*03/06/08 00:56*	*SW846 8082*	*8030436*
Sample ID: NRC0189-23 (SB-104 (0-2) - Soil) Sampled: 03/03/08 11:46								
General Chemistry Parameters								
% Dry Solids	**81.8**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0395	1	03/06/08 01:17	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0395	1	03/06/08 01:17	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0395	1	03/06/08 01:17	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0395	1	03/06/08 01:17	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0395	1	03/06/08 01:17	SW846 8082	8030436
PCB-1254	**0.0443**		mg/kg dry	0.0395	1	03/06/08 01:17	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0395	1	03/06/08 01:17	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/06/08 01:17*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*150 %*					*03/06/08 01:17*	*SW846 8082*	*8030436*
Sample ID: NRC0189-24 (SB-104 (2-4) - Soil) Sampled: 03/03/08 11:49								
General Chemistry Parameters								
% Dry Solids	**76.1**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0435	1	03/06/08 01:37	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0435	1	03/06/08 01:37	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0435	1	03/06/08 01:37	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0435	1	03/06/08 01:37	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0435	1	03/06/08 01:37	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0435	1	03/06/08 01:37	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0435	1	03/06/08 01:37	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*112 %*					*03/06/08 01:37*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*122 %*					*03/06/08 01:37*	*SW846 8082*	*8030436*

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-25 (SB-104 (4-6) - Soil) Sampled: 03/03/08 11:50								
General Chemistry Parameters								
% Dry Solids	**73.8**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0442	1	03/06/08 01:57	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0442	1	03/06/08 01:57	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0442	1	03/06/08 01:57	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0442	1	03/06/08 01:57	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0442	1	03/06/08 01:57	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0442	1	03/06/08 01:57	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0442	1	03/06/08 01:57	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*76 %*					*03/06/08 01:57*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*114 %*					*03/06/08 01:57*	*SW846 8082*	*8030436*
Sample ID: NRC0189-26 (SB-104 (6-8) - Soil) Sampled: 03/03/08 11:53								
General Chemistry Parameters								
% Dry Solids	**90.2**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0359	1	03/06/08 02:18	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0359	1	03/06/08 02:18	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0359	1	03/06/08 02:18	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0359	1	03/06/08 02:18	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0359	1	03/06/08 02:18	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0359	1	03/06/08 02:18	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0359	1	03/06/08 02:18	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/06/08 02:18*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*122 %*					*03/06/08 02:18*	*SW846 8082*	*8030436*
Sample ID: NRC0189-27 (SB-104 (8-10) - Soil) Sampled: 03/03/08 11:54								
General Chemistry Parameters								
% Dry Solids	**80.7**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0403	1	03/06/08 03:19	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0403	1	03/06/08 03:19	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0403	1	03/06/08 03:19	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0403	1	03/06/08 03:19	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0403	1	03/06/08 03:19	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0403	1	03/06/08 03:19	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0403	1	03/06/08 03:19	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*86 %*					*03/06/08 03:19*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*126 %*					*03/06/08 03:19*	*SW846 8082*	*8030436*

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-28 (SB-105 (0-2) - Soil) Sampled: 03/03/08 12:00								
General Chemistry Parameters								
% Dry Solids	**80.1**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0405	1	03/06/08 03:39	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0405	1	03/06/08 03:39	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0405	1	03/06/08 03:39	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0405	1	03/06/08 03:39	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0405	1	03/06/08 03:39	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0405	1	03/06/08 03:39	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0405	1	03/06/08 03:39	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/06/08 03:39*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*128 %*					*03/06/08 03:39*	*SW846 8082*	*8030436*
Sample ID: NRC0189-29 (SB-105 (2-4) - Soil) Sampled: 03/03/08 12:03								
General Chemistry Parameters								
% Dry Solids	**76.2**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0434	1	03/06/08 04:00	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0434	1	03/06/08 04:00	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0434	1	03/06/08 04:00	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0434	1	03/06/08 04:00	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0434	1	03/06/08 04:00	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0434	1	03/06/08 04:00	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0434	1	03/06/08 04:00	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*118 %*					*03/06/08 04:00*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*118 %*					*03/06/08 04:00*	*SW846 8082*	*8030436*
Sample ID: NRC0189-30 (SB-105 (4-6) - Soil) Sampled: 03/03/08 12:04								
General Chemistry Parameters								
% Dry Solids	**80.9**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0406	1	03/06/08 04:20	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0406	1	03/06/08 04:20	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0406	1	03/06/08 04:20	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0406	1	03/06/08 04:20	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0406	1	03/06/08 04:20	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0406	1	03/06/08 04:20	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0406	1	03/06/08 04:20	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/06/08 04:20*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*118 %*					*03/06/08 04:20*	*SW846 8082*	*8030436*

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0189-31 (SB-105 (6-8) - Soil) Sampled: 03/03/08 12:06								
General Chemistry Parameters								
% Dry Solids	**73.9**		%	0.500	1	03/07/08 09:41	SW-846	8030725
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0444	1	03/06/08 04:40	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0444	1	03/06/08 04:40	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0444	1	03/06/08 04:40	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0444	1	03/06/08 04:40	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0444	1	03/06/08 04:40	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0444	1	03/06/08 04:40	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0444	1	03/06/08 04:40	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/06/08 04:40*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*130 %*					*03/06/08 04:40*	*SW846 8082*	*8030436*
Sample ID: NRC0189-32 (SB-105 (8-10) - Soil) Sampled: 03/03/08 12:08								
General Chemistry Parameters								
% Dry Solids	**81.0**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0406	1	03/06/08 05:01	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0406	1	03/06/08 05:01	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0406	1	03/06/08 05:01	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0406	1	03/06/08 05:01	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0406	1	03/06/08 05:01	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0406	1	03/06/08 05:01	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0406	1	03/06/08 05:01	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*86 %*					*03/06/08 05:01*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*126 %*					*03/06/08 05:01*	*SW846 8082*	*8030436*
Sample ID: NRC0189-33 (SB-105 (8-10) Dup - Soil) Sampled: 03/03/08 12:08								
General Chemistry Parameters								
% Dry Solids	**81.2**		%	0.500	1	03/06/08 07:57	SW-846	8030414
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0404	1	03/06/08 05:21	SW846 8082	8030436
PCB-1221	ND		mg/kg dry	0.0404	1	03/06/08 05:21	SW846 8082	8030436
PCB-1232	ND		mg/kg dry	0.0404	1	03/06/08 05:21	SW846 8082	8030436
PCB-1242	ND		mg/kg dry	0.0404	1	03/06/08 05:21	SW846 8082	8030436
PCB-1248	ND		mg/kg dry	0.0404	1	03/06/08 05:21	SW846 8082	8030436
PCB-1254	ND		mg/kg dry	0.0404	1	03/06/08 05:21	SW846 8082	8030436
PCB-1260	ND		mg/kg dry	0.0404	1	03/06/08 05:21	SW846 8082	8030436
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/06/08 05:21*	*SW846 8082*	*8030436*
Surr: Decachlorobiphenyl (10-150%)	*118 %*					*03/06/08 05:21*	*SW846 8082*	*8030436*

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Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082							
SW846 8082	8030435	NRC0189-01	30.56	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-02	30.28	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-03	30.87	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-04	30.84	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-05	30.20	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-06	30.13	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-07	30.86	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-08	30.30	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-09	30.54	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-10	30.55	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-11	30.07	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-12	30.93	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-12RE1	30.93	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-13	30.86	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-13RE1	30.86	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-14	30.11	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-14RE1	30.11	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-15	30.58	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-15RE1	30.58	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-16	30.18	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-16RE1	30.18	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-17	30.16	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-18	30.47	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-19	30.61	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030435	NRC0189-20	30.80	10.00	03/04/08 15:30	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-21	30.04	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-22	30.31	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-23	30.93	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-24	30.16	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-25	30.65	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-26	30.84	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-27	30.75	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-28	30.82	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-29	30.19	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-30	30.44	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-31	30.43	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-32	30.41	10.00	03/04/08 16:02	MSR	EPA 3550B
SW846 8082	8030436	NRC0189-33	30.44	10.00	03/04/08 16:02	MSR	EPA 3550B

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082						
8030435-BLK1						
PCB-1016	<0.00940		mg/kg wet	8030435	8030435-BLK1	03/05/08 13:44
PCB-1221	<0.0270		mg/kg wet	8030435	8030435-BLK1	03/05/08 13:44
PCB-1232	<0.0150		mg/kg wet	8030435	8030435-BLK1	03/05/08 13:44
PCB-1242	<0.0160		mg/kg wet	8030435	8030435-BLK1	03/05/08 13:44
PCB-1248	<0.0290		mg/kg wet	8030435	8030435-BLK1	03/05/08 13:44
PCB-1254	<0.0170		mg/kg wet	8030435	8030435-BLK1	03/05/08 13:44
PCB-1260	<0.0270		mg/kg wet	8030435	8030435-BLK1	03/05/08 13:44
Surrogate: Tetrachloro-meta-xylene	88%			8030435	8030435-BLK1	03/05/08 13:44
Surrogate: Decachlorobiphenyl	124%			8030435	8030435-BLK1	03/05/08 13:44
8030436-BLK1						
PCB-1016	<0.00940		mg/kg wet	8030436	8030436-BLK1	03/05/08 23:14
PCB-1221	<0.0270		mg/kg wet	8030436	8030436-BLK1	03/05/08 23:14
PCB-1232	<0.0150		mg/kg wet	8030436	8030436-BLK1	03/05/08 23:14
PCB-1242	<0.0160		mg/kg wet	8030436	8030436-BLK1	03/05/08 23:14
PCB-1248	<0.0290		mg/kg wet	8030436	8030436-BLK1	03/05/08 23:14
PCB-1254	<0.0170		mg/kg wet	8030436	8030436-BLK1	03/05/08 23:14
PCB-1260	<0.0270		mg/kg wet	8030436	8030436-BLK1	03/05/08 23:14
Surrogate: Tetrachloro-meta-xylene	90%			8030436	8030436-BLK1	03/05/08 23:14
Surrogate: Decachlorobiphenyl	134%			8030436	8030436-BLK1	03/05/08 23:14

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082								
8030435-BS1								
PCB-1016	0.167	0.155		mg/kg wet	93%	53 - 150	8030435	03/05/08 14:04
PCB-1260	0.167	0.208		mg/kg wet	125%	51 - 141	8030435	03/05/08 14:04
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0150			90%	15 - 150	8030435	03/05/08 14:04
Surrogate: Decachlorobiphenyl	0.0167	0.0213			128%	10 - 150	8030435	03/05/08 14:04
8030436-BS1								
PCB-1016	0.167	0.151		mg/kg wet	91%	53 - 150	8030436	03/05/08 23:35
PCB-1260	0.167	0.212		mg/kg wet	127%	51 - 141	8030436	03/05/08 23:35
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0143			86%	15 - 150	8030436	03/05/08 23:35
Surrogate: Decachlorobiphenyl	0.0167	0.0213			128%	10 - 150	8030436	03/05/08 23:35

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Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082										
8030435-MS1										
PCB-1016	ND	0.220		mg/kg dry	0.176	125%	16 - 182	8030435	NRC0189-01	03/05/08 14:25
PCB-1260	ND	0.184		mg/kg dry	0.176	105%	32 - 146	8030435	NRC0189-01	03/05/08 14:25
Surrogate: Tetrachloro-meta-xylene		0.0151		mg/kg dry	0.0176	86%	15 - 150	8030435	NRC0189-01	03/05/08 14:25
Surrogate: Decachlorobiphenyl		0.0162		mg/kg dry	0.0176	92%	10 - 150	8030435	NRC0189-01	03/05/08 14:25
8030436-MS1										
PCB-1016	ND	0.200		mg/kg dry	0.229	87%	16 - 182	8030436	NRC0189-21	03/05/08 23:55
PCB-1260	ND	0.266		mg/kg dry	0.229	116%	32 - 146	8030436	NRC0189-21	03/05/08 23:55
Surrogate: Tetrachloro-meta-xylene		0.0188		mg/kg dry	0.0229	82%	15 - 150	8030436	NRC0189-21	03/05/08 23:55
Surrogate: Decachlorobiphenyl		0.0266		mg/kg dry	0.0229	116%	10 - 150	8030436	NRC0189-21	03/05/08 23:55

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082												
8030435-MSD1												
PCB-1016	ND	0.211		mg/kg dry	0.172	122%	16 - 182	5	50	8030435	NRC0189-01	03/05/08 14:45
PCB-1260	ND	0.188		mg/kg dry	0.172	109%	32 - 146	2	50	8030435	NRC0189-01	03/05/08 14:45
Surrogate: Tetrachloro-meta-xylene		0.0162		mg/kg dry	0.0172	94%	15 - 150			8030435	NRC0189-01	03/05/08 14:45
Surrogate: Decachlorobiphenyl		0.0176		mg/kg dry	0.0172	102%	10 - 150			8030435	NRC0189-01	03/05/08 14:45
8030436-MSD1												
PCB-1016	ND	0.210		mg/kg dry	0.229	92%	16 - 182	5	50	8030436	NRC0189-21	03/06/08 00:16
PCB-1260	ND	0.276		mg/kg dry	0.229	120%	32 - 146	3	50	8030436	NRC0189-21	03/06/08 00:16
Surrogate: Tetrachloro-meta-xylene		*0.0201*		mg/kg dry	*0.0229*	*88%*	*15 - 150*			*8030436*	*NRC0189-21*	*03/06/08 00:16*
Surrogate: Decachlorobiphenyl		0.0279		mg/kg dry	0.0229	122%	10 - 150			8030436	NRC0189-21	03/06/08 00:16

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Illinois
SW846 8082	Soil	N/A	X	X
SW-846	Soil			

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SW-846	Soil	% Dry Solids

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0189
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/04/08 08:10

DATA QUALIFIERS AND DEFINITIONS

Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
Z5	Due to sample matrix effects, the surrogate recovery was outside acceptance limits. Secondary surrogate recovery was within the acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

Nashville, TN

COOLER RECE

NRC0189

Cooler Received/Opened On_03/04/08 @ 08:10

1. Tracking # 8436 (last 4 digits, FedEx)

Courier: ___FED-EX IR Gun ID___A01124

2. Temperature of rep sample or temp blank when opened: 18 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where:_____

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

~~TestAmerica~~
~~2417 Bond Street~~
~~University Park, IL 60466~~
~~708.534.5200~~

TAL-4124-500 (1107)

Sampler ID _____

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

Chain of Custody Record

Client	Project Manager	Date	Chain of Custody Number
ERM	Mr. Dan Wilkens	3/3/08	

Address	Telephone Number (Area Code)/Fax Number	Lab Number	
12755 OLIVE BLVD SUITE: 110	(314) 682-3980 - (314) 682-3970		Page 1 of 3

City	State	Zip Code	Site Contact	Lab Contact
ST. LOUIS	MO	63141	Dan Wilkens	Andi Jones

Project Name and Location (State): COP-Roger Cartage, IL

Carrier/Waybill Number: Hand Delivery to TA ST. Louis Lab

Contract/Purchase Order/Quote No.: 008024.01.XXXX

NRC0189
03/11/08 23.59

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8082 PCBs	Solids % Dry Weight								
SB-100 (0-2)	3/3/08	1020				X	1						X	X						01		
SB-100 (2-4)		1023				X	1						X	X						2		
SB-100 (4-6)		1030				X	1						X	X						3		
SB-100 (6-8)		1032				X	1						X	X						4		
SB-100 (8-10)		1033				X	1						X	X						5		
SB-101 (0-2)		1049				X	1						X	X						6		
SB-101 (2-4)		1050				X	1						X	X						7		
SB-101 (4-6)		1053				X	1						X	X						8		
SB-101 (6-8)		1054				X	1						X	X						9		
SB-101 (8-10)		1058				X	1						X	X						10		
SB-101 (8-10) DUP		1058				X	1						X	X						11		
—	—	—																				

SEE COMMENTS

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	3/3/08	1630	1. Received By: [signature]	3/3/08	16:30
2. Relinquished By: [signature]	3/3/08	17:00	2. Received By: [signature]	3/4/08	8:10
3. Relinquished By			3. Received By		

Comments: PLEASE SHIP TO TESTAMERICA NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ERM	Mr. Dan Wilkens	3/3/08	061782
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	
12755 OLIVE BLVD SUITE: 110	(314) 682-3980 / (314) 682-3970		Page 2 of 3

City	State	Zip Code	Site Contact	Lab Contact
ST. LOUIS	MO	63141	Dan Wilkens	Andi Jones

Project Name and Location (State)	Carrier/Waybill Number
COP - Roger Cartage, IL	Hand Delivery to TA St. Louis Lab

Contract/Purchase Order/Quote No.: 008024.01.xxxx

Analysis (Attach list if more space is needed): 8082_PCBs; Solid % Dry weight

Special Instructions/ Conditions of Receipt: SEE COMMENTS

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8082_PCBs	Solid % Dry weight										
SB-102 (0-2)	3/3/08	1111				X	1						X	X								12		
SB-102 (2-4)		1114				X	1						X	X								13		
SB-102 (4-6)		1115				X	1						X	X								14		
SB-102 (6-8)		1118				X	1						X	X								15		
SB-102 (8-10)		1120				X	1						X	X								16		
SB-103 (0-2)		1129				X	1						X	X								17		
SB-103 (2-4)		1132				X	1						X	X								18		
SB-103 (4-6)		1133				X	1						X	X								19		
SB-103 (6-8)		1135				X	1						X	X								20		
SB-103 (8-10)		1137				X	1						X	X								21		
SB-103 (8-10) DUP		1137				X	1						X	X								22		
—	—	—																						

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/3/08	1630	1. Received By	3/3/08	16:30
2. Relinquished By	3/3/08	1700	2. Received By	3/4/08	8:10
3. Relinquished By			3. Received By		

Comments: PLEASE SHIP SAMPLES TO TESTAMERICA - NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

[redacted]

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: ERM	Project Manager: Mr. Dan Wilkens	Date: 3/3/08	Chain of Custody Number: 061781
Address: 12755 OLIVE BLVD SUITE 100	Telephone Number (Area Code)/Fax Number: (314) 682-3980 / (314) 682-3970	Lab Number:	Page 3 of 3
City: ST. LOUIS; State: MO; Zip Code: 63141	Site Contact: Dan Wilkens; Lab Contact: Andi Jones		
Project Name and Location (State): COP - Roger Cartage, IL	Carrier/Waybill Number: Hand Delivery to TA ST. LOUIS LAB		
Contract/Purchase Order/Quote No.: 008024.01.XXXX			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8082 PCBs	Solids % Dry Weight	Special Instructions/ Conditions of Receipt
SB-104 (0-2)	3/3/08	1146				X	1						X	X	23
SB-104 (2-4)		1149				X	1						X	X	24
SB-104 (4-6)		1150				X	1						X	X	25
SB-104 (6-8)		1153				X	1						X	X	26
SB-104 (8-10)		1154				X	1						X	X	27
SB-105 (0-2)		1200				X	1						X	X	28
SB-105 (2-4)		1203				X	1						X	X	29
SB-105 (4-6)		1204				X	1						X	X	30
SB-105 (6-8)		1206				X	1						X	X	31
SB-105 (8-10)		1208				X	1						X	X	32
SB-105 (8-10) DUP		1208				X	1						X	X	33
—	—														

SEE COMMENTS

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	3/3/08	1630	1. Received By: Angela Bison	3/3/08	16:30
2. Relinquished By: Angela Bison	3/3/08	17:00	2. Received By: [signature]	3/4/08	8:10
3. Relinquished By:			3. Received By:		

Comments: PLEASE SHIP SAMPLES TO TESTAMERICA - NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

March 20, 2008 5:10:15PM

Client: ERM-North Central (3075)
12755 Olive Blvd, Suite 110
St. Louis, MO 63141
Attn Dan Wilcens

Work Order: NRC0516
Project Name: Conoco-Phillips PCB Project
Project Nbr: Conoco-Phillips PCB Project
P/O Nbr:
Date Received: 03/07/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SB-106(0-2)	NRC0516-01	03/05/08 09:43
SB-106(2-4)	NRC0516-02	03/05/08 09:44
SB-106(4-6)	NRC0516-03	03/05/08 09:47
SB-106(6-8)	NRC0516-04	03/05/08 09:48
SB-106(8-10)	NRC0516-05	03/05/08 09:49
SB-107(0-2)	NRC0516-06	03/05/08 09:58
SB-107(2-4)	NRC0516-07	03/05/08 10:00
SB-107(4-6)	NRC0516-08	03/05/08 10:02
SB-107(6-8)	NRC0516-09	03/05/08 10:03
SB-107(8-10)	NRC0516-10	03/05/08 10:07
SB-107(8-10)Dup	NRC0516-11	03/05/08 10:07
SB-108(0-2)	NRC0516-12	03/05/08 10:17
SB-108(2-4)	NRC0516-13	03/05/08 10:20
SB-108(4-6)	NRC0516-14	03/05/08 10:22
SB-108(6-8)	NRC0516-15	03/05/08 10:25
SB-108(8-10)	NRC0516-16	03/05/08 10:26
SB-109(0-2)	NRC0516-17	03/05/08 10:33
SB-109(2-4)	NRC0516-18	03/05/08 10:36
SB-109(4-6)	NRC0516-19	03/05/08 10:41
SB-109(6-8)	NRC0516-20	03/05/08 10:43
SB-109(8-10)	NRC0516-21	03/05/08 10:45
SB-109(8-10)Dup	NRC0516-22	03/05/08 10:45
SB-110(0-2)	NRC0516-23	03/05/08 10:51
SB-110(2-4)	NRC0516-24	03/05/08 10:52
SB-110(4-6)	NRC0516-25	03/05/08 10:55
SB-110(6-8)	NRC0516-26	03/05/08 10:56

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

SB-110(8-10)	NRC0516-27	03/05/08 10:58
SB-111(0-2)	NRC0516-28	03/05/08 11:04
SB-111(2-4)	NRC0516-29	03/05/08 11:06
SB-111(4-6)	NRC0516-30	03/05/08 11:07
SB-111(6-8)	NRC0516-31	03/05/08 11:08
SB-111(8-10)	NRC0516-32	03/05/08 11:12
SB-111(8-10)Dup	NRC0516-33	03/05/08 11:12
SB-112(0-2)	NRC0516-34	03/05/08 12:12
SB-112(2-4)	NRC0516-35	03/05/08 12:15
SB-112(4-6)	NRC0516-36	03/05/08 12:18
SB-112(6-8)	NRC0516-37	03/05/08 12:21
SB-112(8-10)	NRC0516-38	03/05/08 12:26
SB-113(0-2)	NRC0516-39	03/05/08 12:40
SB-113(2-4)	NRC0516-40	03/05/08 12:41
SB-113(4-6)	NRC0516-41	03/05/08 12:42
SB-113(6-8)	NRC0516-42	03/05/08 12:44
SB-113(8-10)	NRC0516-43	03/05/08 12:49
SB-113(8-10)Dup	NRC0516-44	03/05/08 12:49
SB-114(0-2)	NRC0516-45	03/05/08 12:54
SB-114(2-4)	NRC0516-46	03/05/08 12:56
SB-114(4-6)	NRC0516-47	03/05/08 12:58
SB-114(6-8)	NRC0516-48	03/05/08 13:00
SB-114(8-10)	NRC0516-49	03/05/08 13:04
SB-115(0-2)	NRC0516-50	03/05/08 13:13
SB-115(2-4)	NRC0516-51	03/05/08 13:14
SB-115(4-6)	NRC0516-52	03/05/08 13:20
SB-115(6-8)	NRC0516-53	03/05/08 13:21
SB-115(8-10)	NRC0516-54	03/05/08 13:23
SB-115(8-10)Dup	NRC0516-55	03/05/08 13:23
SB-116(0-2)	NRC0516-56	03/05/08 13:30
SB-116(2-4)	NRC0516-57	03/05/08 13:32
SB-116(4-6)	NRC0516-58	03/05/08 13:34
SB-116(6-8)	NRC0516-59	03/05/08 13:36
SB-116(8-10)	NRC0516-60	03/05/08 13:38
SB-117(0-2)	NRC0516-61	03/05/08 14:09
SB-117(2-4)	NRC0516-62	03/05/08 14:11
SB-117(4-6)	NRC0516-63	03/05/08 14:15
SB-117(6-8)	NRC0516-64	03/05/08 14:18
SB-117(8-10)	NRC0516-65	03/05/08 14:21
SB-117(8-10)Dup	NRC0516-66	03/05/08 14:21
SB-118(0-2)	NRC0516-67	03/05/08 14:44
SB-118(2-4)	NRC0516-68	03/05/08 14:46
SB-118(4-6)	NRC0516-69	03/05/08 14:47
SB-119(0-2)	NRC0516-70	03/05/08 15:00
SB-119(2-4)	NRC0516-71	03/05/08 15:01
SB-119(4-6)	NRC0516-72	03/05/08 15:07
SB-119(6-8)	NRC0516-73	03/05/08 15:10
SB-119(8-10)	NRC0516-74	03/05/08 15:12
SB-119(8-10)Dup	NRC0516-75	03/05/08 15:12

Client:	ERM-North Central (3075)	Work Order:	NRC0516
	2755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

SB-120(0-2)	NRC0516-76	03/05/08 15:18
SB-120(2-4)	NRC0516-77	03/05/08 15:20
SB-120(4-6)	NRC0516-78	03/05/08 15:22
SB-120(6-8)	NRC0516-79	03/05/08 15:24
SB-120(8-10)	NRC0516-80	03/05/08 15:32
SB-121(0-2)	NRC0516-81	03/05/08 15:40
SB-121(2-4)	NRC0516-82	03/05/08 15:41
SB-121(4-6)	NRC0516-83	03/05/08 15:42
SB-121(6-8)	NRC0516-84	03/05/08 15:44
SB-121(8-10)	NRC0516-85	03/05/08 15:47
SB-121(8-10)Dup	NRC0516-86	03/05/08 15:47
SB-122(0-2)	NRC0516-87	03/06/08 09:18
SB-122(2-4)	NRC0516-88	03/06/08 09:21
SB-122(4-6)	NRC0516-89	03/06/08 09:22
SB-122(6-8)	NRC0516-90	03/06/08 09:24
SB-122(8-10)	NRC0516-91	03/06/08 09:25
SB-123(0-2)	NRC0516-92	03/06/08 09:44
SB-123(2-4)	NRC0516-93	03/06/08 09:47
SB-123(4-6)	NRC0516-94	03/06/08 09:48
SB-123(6-8)	NRC0516-95	03/06/08 09:50
SB-123(8-10)	NRC0516-96	03/06/08 09:51
SB-123(8-10)Dup	NRC0516-97	03/06/08 09:51
SB-124(0-2)	NRC0516-98	03/06/08 09:56
SB-124(2-4)	NRC0516-99	03/06/08 09:58
SB-124(4-6)	NRC0516-AA	03/06/08 09:59
SB-124(6-8)	NRC0516-AB	03/06/08 10:00
SB-124(8-10)	NRC0516-AC	03/06/08 10:01
SB-125(0-2)	NRC0516-AD	03/06/08 10:08
SB-126(0-2)	NRC0516-AE	03/06/08 10:16
SB-126(2-4)	NRC0516-AF	03/06/08 10:19
SB-126(4-6)	NRC0516-AG	03/06/08 10:21
SB-126(6-8)	NRC0516-AH	03/06/08 10:23
SB-126(8-10)	NRC0516-AI	03/06/08 10:26
SB-126(8-10)Dup	NRC0516-AJ	03/06/08 10:26
SB-127(0-2)	NRC0516-AK	03/06/08 10:35
SB-127(2-4)	NRC0516-AL	03/06/08 10:37
SB-127(4-6)	NRC0516-AM	03/06/08 10:38
SB-127(6-8)	NRC0516-AN	03/06/08 10:40
SB-127(8-10)	NRC0516-AO	03/06/08 10:43
SB-128(0-2)	NRC0516-AP	03/06/08 10:55
SB-128(2-4)	NRC0516-AQ	03/06/08 10:56
SB-128(4-6)	NRC0516-AR	03/06/08 10:58
SB-128(6-8)	NRC0516-AS	03/06/08 10:59
SB-128(8-10)	NRC0516-AT	03/06/08 11:04
SB-128(8-10)Dup	NRC0516-AU	03/06/08 11:04
SB-129(0-2)	NRC0516-AV	03/06/08 11:09
SB-129(2-4)	NRC0516-AW	03/06/08 11:11
SB-129(4-6)	NRC0516-AX	03/06/08 11:12
SB-129(6-8)	NRC0516-AY	03/06/08 11:13

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

SB-129(8-10)	NRC0516-AZ	03/06/08 11:17
SB-130(0-2)	NRC0516-BA	03/06/08 11:24
SB-130(2-4)	NRC0516-BB	03/06/08 11:26
SB-130(4-6)	NRC0516-BC	03/06/08 11:28
SB-130(6-8)	NRC0516-BD	03/06/08 11:30
SB-130(8-10)	NRC0516-BE	03/06/08 11:32
SB-130(8-10)Dup	NRC0516-BF	03/06/08 11:32
SB-131(0-2)	NRC0516-BG	03/06/08 11:39
SB-131(2-4)	NRC0516-BH	03/06/08 11:41
SB-131(4-6)	NRC0516-BI	03/06/08 11:43
SB-131(6-8)	NRC0516-BJ	03/06/08 11:44
SB-131(8-10)	NRC0516-BK	03/06/08 11:46
SB-131(8-10)Dup	NRC0516-BL	03/06/08 11:46

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Additional Laboratory Comments:

REVISED REPORT 3/20/08
Corrected report format. This report replaces the report issued on 3/19/08 @ 9:15.
Illinois Certification Number: 001915

The Chain(s) of Custody, 19 pages, are included and are an integral part of this report.

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

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Andi R. Jones

Andi Jones

Project Management

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-01 (SB-106(0-2) - Soil) Sampled: 03/05/08 09:43								
General Chemistry Parameters								
% Dry Solids	**78.1**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0420	1	03/09/08 16:58	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0420	1	03/09/08 16:58	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0420	1	03/09/08 16:58	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0420	1	03/09/08 16:58	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0420	1	03/09/08 16:58	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0420	1	03/09/08 16:58	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0420	1	03/09/08 16:58	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*03/09/08 16:58*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*74 %*					*03/09/08 16:58*	*SW846 8082*	*8031032*
Sample ID: NRC0516-02 (SB-106(2-4) - Soil) Sampled: 03/05/08 09:44								
General Chemistry Parameters								
% Dry Solids	**75.6**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0427	1	03/09/08 17:59	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0427	1	03/09/08 17:59	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0427	1	03/09/08 17:59	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0427	1	03/09/08 17:59	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0427	1	03/09/08 17:59	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0427	1	03/09/08 17:59	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0427	1	03/09/08 17:59	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*70 %*					*03/09/08 17:59*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*80 %*					*03/09/08 17:59*	*SW846 8082*	*8031032*
Sample ID: NRC0516-03 (SB-106(4-6) - Soil) Sampled: 03/05/08 09:47								
General Chemistry Parameters								
% Dry Solids	**79.0**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0409	1	03/09/08 18:20	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0409	1	03/09/08 18:20	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0409	1	03/09/08 18:20	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0409	1	03/09/08 18:20	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0409	1	03/09/08 18:20	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0409	1	03/09/08 18:20	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0409	1	03/09/08 18:20	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*82 %*					*03/09/08 18:20*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*100 %*					*03/09/08 18:20*	*SW846 8082*	*8031032*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-04 (SB-106(6-8) - Soil) Sampled: 03/05/08 09:48								
General Chemistry Parameters								
% Dry Solids	**81.7**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0398	1	03/09/08 18:40	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0398	1	03/09/08 18:40	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0398	1	03/09/08 18:40	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0398	1	03/09/08 18:40	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0398	1	03/09/08 18:40	SW846 8082	8031032
PCB-1254	**0.0558**		mg/kg dry	0.0398	1	03/09/08 18:40	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0398	1	03/09/08 18:40	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*66 %*					*03/09/08 18:40*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*96 %*					*03/09/08 18:40*	*SW846 8082*	*8031032*
Sample ID: NRC0516-05 (SB-106(8-10) - Soil) Sampled: 03/05/08 09:49								
General Chemistry Parameters								
% Dry Solids	**82.5**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0397	1	03/09/08 19:01	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0397	1	03/09/08 19:01	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0397	1	03/09/08 19:01	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0397	1	03/09/08 19:01	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0397	1	03/09/08 19:01	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0397	1	03/09/08 19:01	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0397	1	03/09/08 19:01	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*80 %*					*03/09/08 19:01*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*86 %*					*03/09/08 19:01*	*SW846 8082*	*8031032*
Sample ID: NRC0516-06 (SB-107(0-2) - Soil) Sampled: 03/05/08 09:58								
General Chemistry Parameters								
% Dry Solids	**83.0**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0393	1	03/09/08 19:21	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0393	1	03/09/08 19:21	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0393	1	03/09/08 19:21	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0393	1	03/09/08 19:21	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0393	1	03/09/08 19:21	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0393	1	03/09/08 19:21	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0393	1	03/09/08 19:21	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*03/09/08 19:21*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*112 %*					*03/09/08 19:21*	*SW846 8082*	*8031032*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-07 (SB-107(2-4) - Soil) Sampled: 03/05/08 10:00								
General Chemistry Parameters								
% Dry Solids	**78.8**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0410	1	03/09/08 19:41	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0410	1	03/09/08 19:41	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0410	1	03/09/08 19:41	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0410	1	03/09/08 19:41	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0410	1	03/09/08 19:41	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0410	1	03/09/08 19:41	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0410	1	03/09/08 19:41	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*72 %*					*03/09/08 19:41*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*74 %*					*03/09/08 19:41*	*SW846 8082*	*8031032*
Sample ID: NRC0516-08 (SB-107(4-6) - Soil) Sampled: 03/05/08 10:02								
General Chemistry Parameters								
% Dry Solids	**76.6**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0423	1	03/09/08 20:02	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0423	1	03/09/08 20:02	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0423	1	03/09/08 20:02	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0423	1	03/09/08 20:02	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0423	1	03/09/08 20:02	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0423	1	03/09/08 20:02	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0423	1	03/09/08 20:02	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*66 %*					*03/09/08 20:02*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*82 %*					*03/09/08 20:02*	*SW846 8082*	*8031032*
Sample ID: NRC0516-09 (SB-107(6-8) - Soil) Sampled: 03/05/08 10:03								
General Chemistry Parameters								
% Dry Solids	**86.5**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0374	1	03/09/08 20:22	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0374	1	03/09/08 20:22	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0374	1	03/09/08 20:22	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0374	1	03/09/08 20:22	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0374	1	03/09/08 20:22	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0374	1	03/09/08 20:22	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0374	1	03/09/08 20:22	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/09/08 20:22*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*94 %*					*03/09/08 20:22*	*SW846 8082*	*8031032*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-10 (SB-107(8-10) - Soil) Sampled: 03/05/08 10:07								
General Chemistry Parameters								
% Dry Solids	**79.8**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0415	1	03/09/08 20:42	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0415	1	03/09/08 20:42	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0415	1	03/09/08 20:42	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0415	1	03/09/08 20:42	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0415	1	03/09/08 20:42	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0415	1	03/09/08 20:42	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0415	1	03/09/08 20:42	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*82 %*					*03/09/08 20:42*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*88 %*					*03/09/08 20:42*	*SW846 8082*	*8031032*
Sample ID: NRC0516-11 (SB-107(8-10)Dup - Soil) Sampled: 03/05/08 10:07								
General Chemistry Parameters								
% Dry Solids	**79.7**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0417	1	03/09/08 21:03	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0417	1	03/09/08 21:03	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0417	1	03/09/08 21:03	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0417	1	03/09/08 21:03	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0417	1	03/09/08 21:03	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0417	1	03/09/08 21:03	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0417	1	03/09/08 21:03	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*96 %*					*03/09/08 21:03*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*114 %*					*03/09/08 21:03*	*SW846 8082*	*8031032*
Sample ID: NRC0516-12 (SB-108(0-2) - Soil) Sampled: 03/05/08 10:17								
General Chemistry Parameters								
% Dry Solids	**77.2**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0421	1	03/09/08 22:04	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0421	1	03/09/08 22:04	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0421	1	03/09/08 22:04	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0421	1	03/09/08 22:04	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0421	1	03/09/08 22:04	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0421	1	03/09/08 22:04	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0421	1	03/09/08 22:04	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*72 %*					*03/09/08 22:04*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*94 %*					*03/09/08 22:04*	*SW846 8082*	*8031032*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-13 (SB-108(2-4) - Soil) Sampled: 03/05/08 10:20								
General Chemistry Parameters								
% Dry Solids	**75.3**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0430	1	03/09/08 22:24	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0430	1	03/09/08 22:24	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0430	1	03/09/08 22:24	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0430	1	03/09/08 22:24	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0430	1	03/09/08 22:24	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0430	1	03/09/08 22:24	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0430	1	03/09/08 22:24	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*52 %*					*03/09/08 22:24*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*64 %*					*03/09/08 22:24*	*SW846 8082*	*8031032*
Sample ID: NRC0516-14 (SB-108(4-6) - Soil) Sampled: 03/05/08 10:22								
General Chemistry Parameters								
% Dry Solids	**75.8**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0430	1	03/09/08 22:45	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0430	1	03/09/08 22:45	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0430	1	03/09/08 22:45	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0430	1	03/09/08 22:45	SW846 8082	8031032
PCB-1248	**0.289**		mg/kg dry	0.0430	1	03/09/08 22:45	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0430	1	03/09/08 22:45	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0430	1	03/09/08 22:45	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*76 %*					*03/09/08 22:45*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*108 %*					*03/09/08 22:45*	*SW846 8082*	*8031032*
Sample ID: NRC0516-15 (SB-108(6-8) - Soil) Sampled: 03/05/08 10:25								
General Chemistry Parameters								
% Dry Solids	**79.4**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0418	1	03/09/08 23:05	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0418	1	03/09/08 23:05	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0418	1	03/09/08 23:05	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0418	1	03/09/08 23:05	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0418	1	03/09/08 23:05	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0418	1	03/09/08 23:05	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0418	1	03/09/08 23:05	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*100 %*					*03/09/08 23:05*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*112 %*					*03/09/08 23:05*	*SW846 8082*	*8031032*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-16 (SB-108(8-10) - Soil) Sampled: 03/05/08 10:26								
General Chemistry Parameters								
% Dry Solids	**78.8**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0420	1	03/09/08 23:25	SW846 8082	8031032
PCB-1221	ND		mg/kg dry	0.0420	1	03/09/08 23:25	SW846 8082	8031032
PCB-1232	ND		mg/kg dry	0.0420	1	03/09/08 23:25	SW846 8082	8031032
PCB-1242	ND		mg/kg dry	0.0420	1	03/09/08 23:25	SW846 8082	8031032
PCB-1248	ND		mg/kg dry	0.0420	1	03/09/08 23:25	SW846 8082	8031032
PCB-1254	ND		mg/kg dry	0.0420	1	03/09/08 23:25	SW846 8082	8031032
PCB-1260	ND		mg/kg dry	0.0420	1	03/09/08 23:25	SW846 8082	8031032
Surr: Tetrachloro-meta-xylene (15-150%)	*108 %*					*03/09/08 23:25*	*SW846 8082*	*8031032*
Surr: Decachlorobiphenyl (10-150%)	*116 %*					*03/09/08 23:25*	*SW846 8082*	*8031032*
Sample ID: NRC0516-17 (SB-109(0-2) - Soil) Sampled: 03/05/08 10:33								
General Chemistry Parameters								
% Dry Solids	**75.7**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0440	1	03/10/08 03:09	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0440	1	03/10/08 03:09	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0440	1	03/10/08 03:09	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0440	1	03/10/08 03:09	SW846 8082	8031035
PCB-1248	ND		mg/kg dry	0.0440	1	03/10/08 03:09	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0440	1	03/10/08 03:09	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0440	1	03/10/08 03:09	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*108 %*					*03/10/08 03:09*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*110 %*					*03/10/08 03:09*	*SW846 8082*	*8031035*
Sample ID: NRC0516-18 (SB-109(2-4) - Soil) Sampled: 03/05/08 10:36								
General Chemistry Parameters								
% Dry Solids	**71.7**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0463	1	03/10/08 03:29	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0463	1	03/10/08 03:29	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0463	1	03/10/08 03:29	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0463	1	03/10/08 03:29	SW846 8082	8031035
PCB-1248	**0.175**		mg/kg dry	0.0463	1	03/10/08 03:29	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0463	1	03/10/08 03:29	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0463	1	03/10/08 03:29	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*78 %*					*03/10/08 03:29*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*106 %*					*03/10/08 03:29*	*SW846 8082*	*8031035*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-19 (SB-109(4-6) - Soil) Sampled: 03/05/08 10:41								
General Chemistry Parameters								
% Dry Solids	**77.3**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0425	1	03/10/08 03:50	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0425	1	03/10/08 03:50	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0425	1	03/10/08 03:50	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0425	1	03/10/08 03:50	SW846 8082	8031035
PCB-1248	**0.908**		mg/kg dry	0.0425	1	03/10/08 03:50	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0425	1	03/10/08 03:50	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0425	1	03/10/08 03:50	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*76 %*					*03/10/08 03:50*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*112 %*					*03/10/08 03:50*	*SW846 8082*	*8031035*
Sample ID: NRC0516-20 (SB-109(6-8) - Soil) Sampled: 03/05/08 10:43								
General Chemistry Parameters								
% Dry Solids	**73.8**		%	0.500	1	03/10/08 11:58	SW-846	8031038
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0445	1	03/10/08 04:10	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0445	1	03/10/08 04:10	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0445	1	03/10/08 04:10	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0445	1	03/10/08 04:10	SW846 8082	8031035
PCB-1248	ND		mg/kg dry	0.0445	1	03/10/08 04:10	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0445	1	03/10/08 04:10	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0445	1	03/10/08 04:10	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*64 %*					*03/10/08 04:10*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*92 %*					*03/10/08 04:10*	*SW846 8082*	*8031035*
Sample ID: NRC0516-21 (SB-109(8-10) - Soil) Sampled: 03/05/08 10:45								
General Chemistry Parameters								
% Dry Solids	**80.9**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0411	1	03/10/08 04:30	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0411	1	03/10/08 04:30	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0411	1	03/10/08 04:30	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0411	1	03/10/08 04:30	SW846 8082	8031035
PCB-1248	ND		mg/kg dry	0.0411	1	03/10/08 04:30	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0411	1	03/10/08 04:30	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0411	1	03/10/08 04:30	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*88 %*					*03/10/08 04:30*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*124 %*					*03/10/08 04:30*	*SW846 8082*	*8031035*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-22 (SB-109(8-10)Dup - Soil) Sampled: 03/05/08 10:45								
General Chemistry Parameters								
% Dry Solids	**81.2**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0408	1	03/10/08 04:51	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0408	1	03/10/08 04:51	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0408	1	03/10/08 04:51	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0408	1	03/10/08 04:51	SW846 8082	8031035
PCB-1248	ND		mg/kg dry	0.0408	1	03/10/08 04:51	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0408	1	03/10/08 04:51	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0408	1	03/10/08 04:51	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*86 %*					*03/10/08 04:51*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*120 %*					*03/10/08 04:51*	*SW846 8082*	*8031035*
Sample ID: NRC0516-23 (SB-110(0-2) - Soil) Sampled: 03/05/08 10:51								
General Chemistry Parameters								
% Dry Solids	**74.8**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0443	1	03/10/08 05:11	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0443	1	03/10/08 05:11	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0443	1	03/10/08 05:11	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0443	1	03/10/08 05:11	SW846 8082	8031035
PCB-1248	**0.214**		mg/kg dry	0.0443	1	03/10/08 05:11	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0443	1	03/10/08 05:11	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0443	1	03/10/08 05:11	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*70 %*					*03/10/08 05:11*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*136 %*					*03/10/08 05:11*	*SW846 8082*	*8031035*
Sample ID: NRC0516-24 (SB-110(2-4) - Soil) Sampled: 03/05/08 10:52								
General Chemistry Parameters								
% Dry Solids	**76.2**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0434	1	03/10/08 05:31	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0434	1	03/10/08 05:31	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0434	1	03/10/08 05:31	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0434	1	03/10/08 05:31	SW846 8082	8031035
PCB-1248	**0.564**		mg/kg dry	0.0434	1	03/10/08 05:31	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0434	1	03/10/08 05:31	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0434	1	03/10/08 05:31	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*76 %*					*03/10/08 05:31*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*104 %*					*03/10/08 05:31*	*SW846 8082*	*8031035*

Client:	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-25 (SB-110(4-6) - Soil) Sampled: 03/05/08 10:55								
General Chemistry Parameters								
% Dry Solids	**76.3**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0427	1	03/10/08 06:33	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0427	1	03/10/08 06:33	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0427	1	03/10/08 06:33	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0427	1	03/10/08 06:33	SW846 8082	8031035
PCB-1248	**0.382**		mg/kg dry	0.0427	1	03/10/08 06:33	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0427	1	03/10/08 06:33	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0427	1	03/10/08 06:33	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*104 %*					*03/10/08 06:33*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*112 %*					*03/10/08 06:33*	*SW846 8082*	*8031035*
Sample ID: NRC0516-26 (SB-110(6-8) - Soil) Sampled: 03/05/08 10:56								
General Chemistry Parameters								
% Dry Solids	**79.3**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0420	1	03/10/08 06:53	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0420	1	03/10/08 06:53	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0420	1	03/10/08 06:53	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0420	1	03/10/08 06:53	SW846 8082	8031035
PCB-1248	**0.138**		mg/kg dry	0.0420	1	03/10/08 06:53	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0420	1	03/10/08 06:53	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0420	1	03/10/08 06:53	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*86 %*					*03/10/08 06:53*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*124 %*					*03/10/08 06:53*	*SW846 8082*	*8031035*
Sample ID: NRC0516-27 (SB-110(8-10) - Soil) Sampled: 03/05/08 10:58								
General Chemistry Parameters								
% Dry Solids	**80.1**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0416	1	03/10/08 07:13	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0416	1	03/10/08 07:13	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0416	1	03/10/08 07:13	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0416	1	03/10/08 07:13	SW846 8082	8031035
PCB-1248	**1.16**		mg/kg dry	0.0416	1	03/10/08 07:13	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0416	1	03/10/08 07:13	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0416	1	03/10/08 07:13	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*86 %*					*03/10/08 07:13*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*118 %*					*03/10/08 07:13*	*SW846 8082*	*8031035*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-28 (SB-111(0-2) - Soil) Sampled: 03/05/08 11:04								
General Chemistry Parameters								
% Dry Solids	**81.6**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.02	50	03/10/08 16:28	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	2.02	50	03/10/08 16:28	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	2.02	50	03/10/08 16:28	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	2.02	50	03/10/08 16:28	SW846 8082	8031035
PCB-1248	**27.3**		mg/kg dry	2.02	50	03/10/08 16:28	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	2.02	50	03/10/08 16:28	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	2.02	50	03/10/08 16:28	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/10/08 16:28*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/10/08 16:28*	*SW846 8082*	*8031035*
Sample ID: NRC0516-29 (SB-111(2-4) - Soil) Sampled: 03/05/08 11:06								
General Chemistry Parameters								
% Dry Solids	**75.5**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.217	5	03/10/08 16:48	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.217	5	03/10/08 16:48	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.217	5	03/10/08 16:48	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.217	5	03/10/08 16:48	SW846 8082	8031035
PCB-1248	**2.96**		mg/kg dry	0.217	5	03/10/08 16:48	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.217	5	03/10/08 16:48	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.217	5	03/10/08 16:48	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*60 %*					*03/10/08 16:48*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*100 %*					*03/10/08 16:48*	*SW846 8082*	*8031035*
Sample ID: NRC0516-30 (SB-111(4-6) - Soil) Sampled: 03/05/08 11:07								
General Chemistry Parameters								
% Dry Solids	**82.1**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.00	50	03/10/08 17:09	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	2.00	50	03/10/08 17:09	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	2.00	50	03/10/08 17:09	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	2.00	50	03/10/08 17:09	SW846 8082	8031035
PCB-1248	**7.38**		mg/kg dry	2.00	50	03/10/08 17:09	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	2.00	50	03/10/08 17:09	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	2.00	50	03/10/08 17:09	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/10/08 17:09*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/10/08 17:09*	*SW846 8082*	*8031035*
Sample ID: NRC0516-31 (SB-111(6-8) - Soil) Sampled: 03/05/08 11:08								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-31 (SB-111(6-8) - Soil) - cont. Sampled: 03/05/08 11:08								
General Chemistry Parameters - cont.								
% Dry Solids	**75.4**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0441	1	03/10/08 08:35	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0441	1	03/10/08 08:35	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0441	1	03/10/08 08:35	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0441	1	03/10/08 08:35	SW846 8082	8031035
PCB-1248	**0.685**		mg/kg dry	0.0441	1	03/10/08 08:35	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0441	1	03/10/08 08:35	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0441	1	03/10/08 08:35	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/10/08 08:35*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*116 %*					*03/10/08 08:35*	*SW846 8082*	*8031035*
Sample ID: NRC0516-32 (SB-111(8-10) - Soil) Sampled: 03/05/08 11:12								
General Chemistry Parameters								
% Dry Solids	**79.1**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0419	1	03/10/08 08:55	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0419	1	03/10/08 08:55	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0419	1	03/10/08 08:55	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0419	1	03/10/08 08:55	SW846 8082	8031035
PCB-1248	ND		mg/kg dry	0.0419	1	03/10/08 08:55	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0419	1	03/10/08 08:55	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0419	1	03/10/08 08:55	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*88 %*					*03/10/08 08:55*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*114 %*					*03/10/08 08:55*	*SW846 8082*	*8031035*
Sample ID: NRC0516-33 (SB-111(8-10)Dup - Soil) Sampled: 03/05/08 11:12								
General Chemistry Parameters								
% Dry Solids	**77.2**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0424	1	03/10/08 09:16	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	0.0424	1	03/10/08 09:16	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	0.0424	1	03/10/08 09:16	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	0.0424	1	03/10/08 09:16	SW846 8082	8031035
PCB-1248	ND		mg/kg dry	0.0424	1	03/10/08 09:16	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	0.0424	1	03/10/08 09:16	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	0.0424	1	03/10/08 09:16	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*94 %*					*03/10/08 09:16*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*106 %*					*03/10/08 09:16*	*SW846 8082*	*8031035*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-34 (SB-112(0-2) - Soil) Sampled: 03/05/08 12:12								
General Chemistry Parameters								
% Dry Solids	**72.8**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.57	100	03/10/08 17:29	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	4.57	100	03/10/08 17:29	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	4.57	100	03/10/08 17:29	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	4.57	100	03/10/08 17:29	SW846 8082	8031035
PCB-1248	**57.4**		mg/kg dry	4.57	100	03/10/08 17:29	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	4.57	100	03/10/08 17:29	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	4.57	100	03/10/08 17:29	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/10/08 17:29*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/10/08 17:29*	*SW846 8082*	*8031035*
Sample ID: NRC0516-35 (SB-112(2-4) - Soil) Sampled: 03/05/08 12:15								
General Chemistry Parameters								
% Dry Solids	**78.2**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.12	50	03/10/08 17:50	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	2.12	50	03/10/08 17:50	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	2.12	50	03/10/08 17:50	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	2.12	50	03/10/08 17:50	SW846 8082	8031035
PCB-1248	**8.66**		mg/kg dry	2.12	50	03/10/08 17:50	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	2.12	50	03/10/08 17:50	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	2.12	50	03/10/08 17:50	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/10/08 17:50*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/10/08 17:50*	*SW846 8082*	*8031035*
Sample ID: NRC0516-36 (SB-112(4-6) - Soil) Sampled: 03/05/08 12:18								
General Chemistry Parameters								
% Dry Solids	**72.2**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.24	50	03/10/08 18:10	SW846 8082	8031035
PCB-1221	ND		mg/kg dry	2.24	50	03/10/08 18:10	SW846 8082	8031035
PCB-1232	ND		mg/kg dry	2.24	50	03/10/08 18:10	SW846 8082	8031035
PCB-1242	ND		mg/kg dry	2.24	50	03/10/08 18:10	SW846 8082	8031035
PCB-1248	**6.87**		mg/kg dry	2.24	50	03/10/08 18:10	SW846 8082	8031035
PCB-1254	ND		mg/kg dry	2.24	50	03/10/08 18:10	SW846 8082	8031035
PCB-1260	ND		mg/kg dry	2.24	50	03/10/08 18:10	SW846 8082	8031035
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/10/08 18:10*	*SW846 8082*	*8031035*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/10/08 18:10*	*SW846 8082*	*8031035*
Sample ID: NRC0516-37 (SB-112(6-8) - Soil) Sampled: 03/05/08 12:21								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-37 (SB-112(6-8) - Soil) - cont. Sampled: 03/05/08 12:21								
General Chemistry Parameters - cont.								
% Dry Solids	**76.9**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.216	5	03/12/08 03:13	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.216	5	03/12/08 03:13	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.216	5	03/12/08 03:13	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.216	5	03/12/08 03:13	SW846 8082	8031037
PCB-1248	**1.45**		mg/kg dry	0.216	5	03/12/08 03:13	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.216	5	03/12/08 03:13	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.216	5	03/12/08 03:13	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*40 %*					*03/12/08 03:13*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*110 %*					*03/12/08 03:13*	*SW846 8082*	*8031037*
Sample ID: NRC0516-38 (SB-112(8-10) - Soil) Sampled: 03/05/08 12:26								
General Chemistry Parameters								
% Dry Solids	**78.0**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.210	5	03/12/08 03:33	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.210	5	03/12/08 03:33	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.210	5	03/12/08 03:33	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.210	5	03/12/08 03:33	SW846 8082	8031037
PCB-1248	**4.32**		mg/kg dry	0.210	5	03/12/08 03:33	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.210	5	03/12/08 03:33	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.210	5	03/12/08 03:33	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*40 %*					*03/12/08 03:33*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*110 %*					*03/12/08 03:33*	*SW846 8082*	*8031037*
Sample ID: NRC0516-39 (SB-113(0-2) - Soil) Sampled: 03/05/08 12:40								
General Chemistry Parameters								
% Dry Solids	**80.4**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0413	1	03/11/08 05:22	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.0413	1	03/11/08 05:22	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.0413	1	03/11/08 05:22	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.0413	1	03/11/08 05:22	SW846 8082	8031037
PCB-1248	**0.752**		mg/kg dry	0.0413	1	03/11/08 05:22	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.0413	1	03/11/08 05:22	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.0413	1	03/11/08 05:22	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/11/08 05:22*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*116 %*					*03/11/08 05:22*	*SW846 8082*	*8031037*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-40 (SB-113(2-4) - Soil) Sampled: 03/05/08 12:41								
General Chemistry Parameters								
% Dry Solids	**76.0**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0434	1	03/11/08 05:42	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.0434	1	03/11/08 05:42	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0 0434	1	03/11/08 05:42	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.0434	1	03/11/08 05:42	SW846 8082	8031037
PCB-1248	**0.171**		mg/kg dry	0.0434	1	03/11/08 05:42	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.0434	1	03/11/08 05:42	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.0434	1	03/11/08 05:42	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*108 %*					*03/11/08 05:42*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*118 %*					*03/11/08 05:42*	*SW846 8082*	*8031037*
Sample ID: NRC0516-41 (SB-113(4-6) - Soil) Sampled: 03/05/08 12:42								
General Chemistry Parameters								
% Dry Solids	**75.1**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0441	1	03/11/08 06:03	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.0441	1	03/11/08 06:03	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.0441	1	03/11/08 06:03	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.0441	1	03/11/08 06:03	SW846 8082	8031037
PCB-1248	**0.175**		mg/kg dry	0.0441	1	03/11/08 06:03	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.0441	1	03/11/08 06:03	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.0441	1	03/11/08 06:03	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/11/08 06:03*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*104 %*					*03/11/08 06:03*	*SW846 8082*	*8031037*
Sample ID: NRC0516-42 (SB-113(6-8) - Soil) Sampled: 03/05/08 12:44								
General Chemistry Parameters								
% Dry Solids	**77.9**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0423	1	03/11/08 06:23	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.0423	1	03/11/08 06:23	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.0423	1	03/11/08 06:23	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.0423	1	03/11/08 06:23	SW846 8082	8031037
PCB-1248	**0.493**		mg/kg dry	0.0423	1	03/11/08 06:23	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.0423	1	03/11/08 06:23	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.0423	1	03/11/08 06:23	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*88 %*					*03/11/08 06:23*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*106 %*					*03/11/08 06:23*	*SW846 8082*	*8031037*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	2755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-43 (SB-113(8-10) - Soil) Sampled: 03/05/08 12:49								
General Chemistry Parameters								
% Dry Solids	**79.4**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0416	1	03/11/08 07:44	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.0416	1	03/11/08 07:44	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.0416	1	03/11/08 07:44	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.0416	1	03/11/08 07:44	SW846 8082	8031037
PCB-1248	ND		mg/kg dry	0.0416	1	03/11/08 07:44	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.0416	1	03/11/08 07:44	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.0416	1	03/11/08 07:44	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*82 %*					*03/11/08 07:44*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*114 %*					*03/11/08 07:44*	*SW846 8082*	*8031037*
Sample ID: NRC0516-44 (SB-113(8-10)Dup - Soil) Sampled: 03/05/08 12:49								
General Chemistry Parameters								
% Dry Solids	**78.2**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0419	1	03/11/08 08:05	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.0419	1	03/11/08 08:05	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.0419	1	03/11/08 08:05	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.0419	1	03/11/08 08:05	SW846 8082	8031037
PCB-1248	**0.0604**		mg/kg dry	0.0419	1	03/11/08 08:05	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.0419	1	03/11/08 08:05	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.0419	1	03/11/08 08:05	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*82 %*					*03/11/08 08:05*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*104 %*					*03/11/08 08:05*	*SW846 8082*	*8031037*
Sample ID: NRC0516-45 (SB-114(0-2) - Soil) Sampled: 03/05/08 12:54								
General Chemistry Parameters								
% Dry Solids	**76.3**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	42.9	1000	03/12/08 10:21	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	42.9	1000	03/12/08 10:21	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	42.9	1000	03/12/08 10:21	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	42.9	1000	03/12/08 10:21	SW846 8082	8031037
PCB-1248	**450**		mg/kg dry	42.9	1000	03/12/08 10:21	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	42.9	1000	03/12/08 10:21	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	42.9	1000	03/12/08 10:21	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/12/08 10:21*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/12/08 10:21*	*SW846 8082*	*8031037*
Sample ID: NRC0516-46 (SB-114(2-4) - Soil) Sampled: 03/05/08 12:56								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-46 (SB-114(2-4) - Soil) - cont. Sampled: 03/05/08 12:56								
General Chemistry Parameters - cont.								
% Dry Solids	**71.5**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0455	1	03/11/08 08:46	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.0455	1	03/11/08 08:46	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.0455	1	03/11/08 08:46	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.0455	1	03/11/08 08:46	SW846 8082	8031037
PCB-1248	**0.0764**		mg/kg dry	0.0455	1	03/11/08 08:46	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.0455	1	03/11/08 08:46	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.0455	1	03/11/08 08:46	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*70 %*					*03/11/08 08:46*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*104 %*					*03/11/08 08:46*	*SW846 8082*	*8031037*
Sample ID: NRC0516-47 (SB-114(4-6) - Soil) Sampled: 03/05/08 12:58								
General Chemistry Parameters								
% Dry Solids	**74.7**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0442	1	03/11/08 09:06	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.0442	1	03/11/08 09:06	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.0442	1	03/11/08 09:06	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.0442	1	03/11/08 09:06	SW846 8082	8031037
PCB-1248	**0.223**		mg/kg dry	0.0442	1	03/11/08 09:06	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.0442	1	03/11/08 09:06	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.0442	1	03/11/08 09:06	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*78 %*					*03/11/08 09:06*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*104 %*					*03/11/08 09:06*	*SW846 8082*	*8031037*
Sample ID: NRC0516-48 (SB-114(6-8) - Soil) Sampled: 03/05/08 13:00								
General Chemistry Parameters								
% Dry Solids	**85.5**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	1.90	50	03/12/08 04:14	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	1.90	50	03/12/08 04:14	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	1.90	50	03/12/08 04:14	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	1.90	50	03/12/08 04:14	SW846 8082	8031037
PCB-1248	**8.40**		mg/kg dry	1.90	50	03/12/08 04:14	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	1.90	50	03/12/08 04:14	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	1.90	50	03/12/08 04:14	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/12/08 04:14*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/12/08 04:14*	*SW846 8082*	*8031037*
Sample ID: NRC0516-49 (SB-114(8-10) - Soil) Sampled: 03/05/08 13:04								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-49 (SB-114(8-10) - Soil) - cont. Sampled: 03/05/08 13:04								
General Chemistry Parameters - cont.								
% Dry Solids	**76.3**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0433	1	03/11/08 09:47	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.0433	1	03/11/08 09:47	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.0433	1	03/11/08 09:47	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.0433	1	03/11/08 09:47	SW846 8082	8031037
PCB-1248	ND		mg/kg dry	0.0433	1	03/11/08 09:47	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.0433	1	03/11/08 09:47	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.0433	1	03/11/08 09:47	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*62 %*					*03/11/08 09:47*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*100 %*					*03/11/08 09:47*	*SW846 8082*	*8031037*
Sample ID: NRC0516-50 (SB-115(0-2) - Soil) Sampled: 03/05/08 13:13								
General Chemistry Parameters								
% Dry Solids	**78.8**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.07	50	03/12/08 04:34	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	2.07	50	03/12/08 04:34	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	2.07	50	03/12/08 04:34	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	2.07	50	03/12/08 04:34	SW846 8082	8031037
PCB-1248	**11.6**		mg/kg dry	2.07	50	03/12/08 04:34	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	2.07	50	03/12/08 04:34	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	2.07	50	03/12/08 04:34	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/12/08 04:34*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/12/08 04:34*	*SW846 8082*	*8031037*
Sample ID: NRC0516-51 (SB-115(2-4) - Soil) Sampled: 03/05/08 13:14								
General Chemistry Parameters								
% Dry Solids	**74.8**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0434	1	03/11/08 10:27	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.0434	1	03/11/08 10:27	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.0434	1	03/11/08 10:27	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.0434	1	03/11/08 10:27	SW846 8082	8031037
PCB-1248	**0.0887**		mg/kg dry	0.0434	1	03/11/08 10:27	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.0434	1	03/11/08 10:27	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.0434	1	03/11/08 10:27	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*80 %*					*03/11/08 10:27*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*126 %*					*03/11/08 10:27*	*SW846 8082*	*8031037*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-52 (SB-115(4-6) - Soil) Sampled: 03/05/08 13:20								
General Chemistry Parameters								
% Dry Solids	**70.3**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	46.9	1000	03/12/08 04:55	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	46.9	1000	03/12/08 04:55	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	46.9	1000	03/12/08 04:55	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	46.9	1000	03/12/08 04:55	SW846 8082	8031037
PCB-1248	**326**		mg/kg dry	46.9	1000	03/12/08 04:55	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	46.9	1000	03/12/08 04:55	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	46.9	1000	03/12/08 04:55	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/12/08 04:55*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/12/08 04:55*	*SW846 8082*	*8031037*
Sample ID: NRC0516-53 (SB-115(6-8) - Soil) Sampled: 03/05/08 13:21								
General Chemistry Parameters								
% Dry Solids	**79.3**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.418	10	03/12/08 05:15	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	0.418	10	03/12/08 05:15	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	0.418	10	03/12/08 05:15	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	0.418	10	03/12/08 05:15	SW846 8082	8031037
PCB-1248	**6.17**		mg/kg dry	0.418	10	03/12/08 05:15	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	0.418	10	03/12/08 05:15	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	0.418	10	03/12/08 05:15	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/12/08 05:15*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/12/08 05:15*	*SW846 8082*	*8031037*
Sample ID: NRC0516-54 (SB-115(8-10) - Soil) Sampled: 03/05/08 13:23								
General Chemistry Parameters								
% Dry Solids	**77.5**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	*ND*		*mg/kg dry*	*0.0419*	*1*	*03/12/08 15:06*	*SW846 8082*	*8031589*
PCB-1221	ND		mg/kg dry	0.0419	1	03/12/08 15:06	SW846 8082	8031589
PCB-1232	ND		mg/kg dry	0.0419	1	03/12/08 15:06	SW846 8082	8031589
PCB-1242	ND		mg/kg dry	0.0419	1	03/12/08 15:06	SW846 8082	8031589
PCB-1248	**0.0796**	R1	mg/kg dry	0.0419	1	03/12/08 15:06	SW846 8082	8031589
PCB-1254	ND		mg/kg dry	0.0419	1	03/12/08 15:06	SW846 8082	8031589
PCB-1260	ND		mg/kg dry	0.0419	1	03/12/08 15:06	SW846 8082	8031589
Surr: Tetrachloro-meta-xylene (15-150%)	*92 %*					*03/12/08 15:06*	*SW846 8082*	*8031589*
Surr: Decachlorobiphenyl (10-150%)	*122 %*					*03/12/08 15:06*	*SW846 8082*	*8031589*
Sample ID: NRC0516-55 (SB-115(8-10)Dup - Soil) Sampled: 03/05/08 13:23								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	2755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-55 (SB-115(8-10)Dup - Soil) - cont. Sampled: 03/05/08 13:23								
General Chemistry Parameters - cont.								
% Dry Solids	**79.8**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.209	5	03/13/08 07:46	SW846 8082	8031589
PCB-1221	ND		mg/kg dry	0.209	5	03/13/08 07:46	SW846 8082	8031589
PCB-1232	ND		mg/kg dry	0.209	5	03/13/08 07:46	SW846 8082	8031589
PCB-1242	ND		mg/kg dry	0.209	5	03/13/08 07:46	SW846 8082	8031589
PCB-1248	**1.53**		mg/kg dry	0.209	5	03/13/08 07:46	SW846 8082	8031589
PCB-1254	ND		mg/kg dry	0.209	5	03/13/08 07:46	SW846 8082	8031589
PCB-1260	ND		mg/kg dry	0.209	5	03/13/08 07:46	SW846 8082	8031589
Surr: Tetrachloro-meta-xylene (15-150%)	*100 %*					*03/13/08 07:46*	*SW846 8082*	*8031589*
Surr: Decachlorobiphenyl (10-150%)	*130 %*					*03/13/08 07:46*	*SW846 8082*	*8031589*
Sample ID: NRC0516-56 (SB-116(0-2) - Soil) Sampled: 03/05/08 13:30								
General Chemistry Parameters								
% Dry Solids	**80.9**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	40.8	1000	03/12/08 10:41	SW846 8082	8031037
PCB-1221	ND		mg/kg dry	40.8	1000	03/12/08 10:41	SW846 8082	8031037
PCB-1232	ND		mg/kg dry	40.8	1000	03/12/08 10:41	SW846 8082	8031037
PCB-1242	ND		mg/kg dry	40.8	1000	03/12/08 10:41	SW846 8082	8031037
PCB-1248	**234**		mg/kg dry	40.8	1000	03/12/08 10:41	SW846 8082	8031037
PCB-1254	ND		mg/kg dry	40.8	1000	03/12/08 10:41	SW846 8082	8031037
PCB-1260	ND		mg/kg dry	40.8	1000	03/12/08 10:41	SW846 8082	8031037
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/12/08 10:41*	*SW846 8082*	*8031037*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/12/08 10:41*	*SW846 8082*	*8031037*
Sample ID: NRC0516-57 (SB-116(2-4) - Soil) Sampled: 03/05/08 13:32								
General Chemistry Parameters								
% Dry Solids	**74.0**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.221	5	03/12/08 07:38	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.221	5	03/12/08 07:38	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.221	5	03/12/08 07:38	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.221	5	03/12/08 07:38	SW846 8082	8031047
PCB-1248	**0.856**		mg/kg dry	0.221	5	03/12/08 07:38	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.221	5	03/12/08 07:38	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.221	5	03/12/08 07:38	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*70 %*					*03/12/08 07:38*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*120 %*					*03/12/08 07:38*	*SW846 8082*	*8031047*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-58 (SB-116(4-6) - Soil) Sampled: 03/05/08 13:34								
General Chemistry Parameters								
% Dry Solids	**77.6**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.208	5	03/12/08 08:59	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.208	5	03/12/08 08:59	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.208	5	03/12/08 08:59	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.208	5	03/12/08 08:59	SW846 8082	8031047
PCB-1248	**2.01**		mg/kg dry	0.208	5	03/12/08 08:59	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.208	5	03/12/08 08:59	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.208	5	03/12/08 08:59	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*40 %*					*03/12/08 08:59*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*90 %*					*03/12/08 08:59*	*SW846 8082*	*8031047*
Sample ID: NRC0516-59 (SB-116(6-8) - Soil) Sampled: 03/05/08 13:36								
General Chemistry Parameters								
% Dry Solids	**76.5**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.28	100	03/12/08 09:40	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	4.28	100	03/12/08 09:40	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	4.28	100	03/12/08 09:40	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	4.28	100	03/12/08 09:40	SW846 8082	8031047
PCB-1248	**23.4**		mg/kg dry	4.28	100	03/12/08 09:40	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	4.28	100	03/12/08 09:40	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	4.28	100	03/12/08 09:40	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/12/08 09:40*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/12/08 09:40*	*SW846 8082*	*8031047*
Sample ID: NRC0516-60 (SB-116(8-10) - Soil) Sampled: 03/05/08 13:38								
General Chemistry Parameters								
% Dry Solids	**82.5**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0397	1	03/12/08 10:01	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.0397	1	03/12/08 10:01	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.0397	1	03/12/08 10:01	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.0397	1	03/12/08 10:01	SW846 8082	8031047
PCB-1248	ND		mg/kg dry	0.0397	1	03/12/08 10:01	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.0397	1	03/12/08 10:01	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.0397	1	03/12/08 10:01	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*68 %*					*03/12/08 10:01*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*104 %*					*03/12/08 10:01*	*SW846 8082*	*8031047*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Clive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-61 (SB-117(0-2) - Soil) Sampled: 03/05/08 14:09								
General Chemistry Parameters								
% Dry Solids	**76.0**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0436	1	03/12/08 21:34	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.0436	1	03/12/08 21:34	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.0436	1	03/12/08 21:34	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.0436	1	03/12/08 21:34	SW846 8082	8031047
PCB-1248	**0.0720**		mg/kg dry	0.0436	1	03/12/08 21:34	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.0436	1	03/12/08 21:34	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.0436	1	03/12/08 21:34	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/12/08 21:34*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*122 %*					*03/12/08 21:34*	*SW846 8082*	*8031047*
Sample ID: NRC0516-62 (SB-117(2-4) - Soil) Sampled: 03/05/08 14:11								
General Chemistry Parameters								
% Dry Solids	**71.2**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0466	1	03/12/08 21:55	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.0466	1	03/12/08 21:55	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.0466	1	03/12/08 21:55	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.0466	1	03/12/08 21:55	SW846 8082	8031047
PCB-1248	**0.161**		mg/kg dry	0.0466	1	03/12/08 21:55	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.0466	1	03/12/08 21:55	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.0466	1	03/12/08 21:55	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*108 %*					*03/12/08 21:55*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*134 %*					*03/12/08 21:55*	*SW846 8082*	*8031047*
Sample ID: NRC0516-63 (SB-117(4-6) - Soil) Sampled: 03/05/08 14:15								
General Chemistry Parameters								
% Dry Solids	**76.9**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0427	1	03/12/08 22:15	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.0427	1	03/12/08 22:15	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.0427	1	03/12/08 22:15	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.0427	1	03/12/08 22:15	SW846 8082	8031047
PCB-1248	ND		mg/kg dry	0.0427	1	03/12/08 22:15	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.0427	1	03/12/08 22:15	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.0427	1	03/12/08 22:15	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*80 %*					*03/12/08 22:15*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*110 %*					*03/12/08 22:15*	*SW846 8082*	*8031047*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-64 (SB-117(6-8) - Soil) Sampled: 03/05/08 14:18								
General Chemistry Parameters								
% Dry Solids	**76.4**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0430	1	03/12/08 22:36	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.0430	1	03/12/08 22:36	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.0430	1	03/12/08 22:36	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.0430	1	03/12/08 22:36	SW846 8082	8031047
PCB-1248	**0.140**		mg/kg dry	0.0430	1	03/12/08 22:36	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.0430	1	03/12/08 22:36	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.0430	1	03/12/08 22:36	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*102 %*					*03/12/08 22:36*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*118 %*					*03/12/08 22:36*	*SW846 8082*	*8031047*
Sample ID: NRC0516-65 (SB-117(8-10) - Soil) Sampled: 03/05/08 14:21								
General Chemistry Parameters								
% Dry Solids	**79.1**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0415	1	03/12/08 22:56	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.0415	1	03/12/08 22:56	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.0415	1	03/12/08 22:56	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.0415	1	03/12/08 22:56	SW846 8082	8031047
PCB-1248	ND		mg/kg dry	0.0415	1	03/12/08 22:56	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.0415	1	03/12/08 22:56	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.0415	1	03/12/08 22:56	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/12/08 22:56*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*116 %*					*03/12/08 22:56*	*SW846 8082*	*8031047*
Sample ID: NRC0516-66 (SB-117(8-10)Dup - Soil) Sampled: 03/05/08 14:21								
General Chemistry Parameters								
% Dry Solids	**78.5**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0424	1	03/12/08 23:16	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.0424	1	03/12/08 23:16	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.0424	1	03/12/08 23:16	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.0424	1	03/12/08 23:16	SW846 8082	8031047
PCB-1248	ND		mg/kg dry	0.0424	1	03/12/08 23:16	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.0424	1	03/12/08 23:16	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.0424	1	03/12/08 23:16	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*112 %*					*03/12/08 23:16*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*128 %*					*03/12/08 23:16*	*SW846 8082*	*8031047*

Client:	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-67 (SB-118(0-2) - Soil) Sampled: 03/05/08 14:44								
General Chemistry Parameters								
% Dry Solids	**75.9**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.217	5	03/13/08 20:21	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.217	5	03/13/08 20:21	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.217	5	03/13/08 20:21	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.217	5	03/13/08 20:21	SW846 8082	8031047
PCB-1248	**1.87**		mg/kg dry	0.217	5	03/13/08 20:21	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.217	5	03/13/08 20:21	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.217	5	03/13/08 20:21	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*40 %*					*03/13/08 20:21*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*110 %*					*03/13/08 20:21*	*SW846 8082*	*8031047*
Sample ID: NRC0516-68 (SB-118(2-4) - Soil) Sampled: 03/05/08 14:46								
General Chemistry Parameters								
% Dry Solids	**67.2**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.486	10	03/13/08 20:41	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.486	10	03/13/08 20:41	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.486	10	03/13/08 20:41	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.486	10	03/13/08 20:41	SW846 8082	8031047
PCB-1248	**3.26**		mg/kg dry	0.486	10	03/13/08 20:41	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.486	10	03/13/08 20:41	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.486	10	03/13/08 20:41	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*20 %*					*03/13/08 20:41*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*80 %*					*03/13/08 20:41*	*SW846 8082*	*8031047*
Sample ID: NRC0516-69 (SB-118(4-6) - Soil) Sampled: 03/05/08 14:47								
General Chemistry Parameters								
% Dry Solids	**73.5**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	8.83	200	03/13/08 21:02	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	8.83	200	03/13/08 21:02	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	8.83	200	03/13/08 21:02	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	8.83	200	03/13/08 21:02	SW846 8082	8031047
PCB-1248	**18.2**		mg/kg dry	8.83	200	03/13/08 21:02	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	8.83	200	03/13/08 21:02	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	8.83	200	03/13/08 21:02	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/13/08 21:02*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/13/08 21:02*	*SW846 8082*	*8031047*
Sample ID: NRC0516-70 (SB-119(0-2) - Soil) Sampled: 03/05/08 15:00								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-70 (SB-119(0-2) - Soil) - cont. Sampled: 03/05/08 15:00								
General Chemistry Parameters - cont.								
% Dry Solids	76.3		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	8.50	200	03/13/08 21:22	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	8.50	200	03/13/08 21:22	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	8.50	200	03/13/08 21:22	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	8.50	200	03/13/08 21:22	SW846 8082	8031047
PCB-1248	44.3		mg/kg dry	8.50	200	03/13/08 21:22	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	8.50	200	03/13/08 21:22	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	8.50	200	03/13/08 21:22	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/13/08 21:22*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/13/08 21:22*	*SW846 8082*	*8031047*
Sample ID: NRC0516-71 (SB-119(2-4) - Soil) Sampled: 03/05/08 15:01								
General Chemistry Parameters								
% Dry Solids	73.3		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	45.0	1000	03/13/08 21:43	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	45.0	1000	03/13/08 21:43	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	45.0	1000	03/13/08 21:43	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	45.0	1000	03/13/08 21:43	SW846 8082	8031047
PCB-1248	1020		mg/kg dry	45.0	1000	03/13/08 21:43	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	45.0	1000	03/13/08 21:43	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	45.0	1000	03/13/08 21:43	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/13/08 21:43*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/13/08 21:43*	*SW846 8082*	*8031047*
Sample ID: NRC0516-72 (SB-119(4-6) - Soil) Sampled: 03/05/08 15:07								
General Chemistry Parameters								
% Dry Solids	70.7		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	23.4	500	03/14/08 08:56	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	23.4	500	03/14/08 08:56	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	23.4	500	03/14/08 08:56	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	23.4	500	03/14/08 08:56	SW846 8082	8031047
PCB-1248	45.7		mg/kg dry	23.4	500	03/14/08 08:56	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	23.4	500	03/14/08 08:56	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	23.4	500	03/14/08 08:56	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 08:56*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 08:56*	*SW846 8082*	*8031047*
Sample ID: NRC0516-73 (SB-119(6-8) - Soil) Sampled: 03/05/08 15:10								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-73 (SB-119(6-8) - Soil) - cont. Sampled: 03/05/08 15:10								
General Chemistry Parameters - cont.								
% Dry Solids	**83.0**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.195	5	03/13/08 22:24	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.195	5	03/13/08 22:24	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.195	5	03/13/08 22:24	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.195	5	03/13/08 22:24	SW846 8082	8031047
PCB-1248	**1.39**		mg/kg dry	0.195	5	03/13/08 22:24	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.195	5	03/13/08 22:24	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.195	5	03/13/08 22:24	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*50 %*					*03/13/08 22:24*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*90 %*					*03/13/08 22:24*	*SW846 8082*	*8031047*
Sample ID: NRC0516-74 (SB-119(8-10) - Soil) Sampled: 03/05/08 15:12								
General Chemistry Parameters								
% Dry Solids	**81.2**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.200	5	03/13/08 02:20	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.200	5	03/13/08 02:20	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.200	5	03/13/08 02:20	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.200	5	03/13/08 02:20	SW846 8082	8031047
PCB-1248	**2.81**		mg/kg dry	0.200	5	03/13/08 02:20	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.200	5	03/13/08 02:20	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.200	5	03/13/08 02:20	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*50 %*					*03/13/08 02:20*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*110 %*					*03/13/08 02:20*	*SW846 8082*	*8031047*
Sample ID: NRC0516-75 (SB-119(8-10)Dup - Soil) Sampled: 03/05/08 15:12								
General Chemistry Parameters								
% Dry Solids	**80.8**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.200	5	03/13/08 02:40	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.200	5	03/13/08 02:40	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.200	5	03/13/08 02:40	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.200	5	03/13/08 02:40	SW846 8082	8031047
PCB-1248	**3.26**		mg/kg dry	0.200	5	03/13/08 02:40	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.200	5	03/13/08 02:40	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.200	5	03/13/08 02:40	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*50 %*					*03/13/08 02:40*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*90 %*					*03/13/08 02:40*	*SW846 8082*	*8031047*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-76 (SB-120(0-2) - Soil) Sampled: 03/05/08 15:18								
General Chemistry Parameters								
% Dry Solids	**75.7**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0427	1	03/13/08 01:59	SW846 8082	8031047
PCB-1221	ND		mg/kg dry	0.0427	1	03/13/08 01:59	SW846 8082	8031047
PCB-1232	ND		mg/kg dry	0.0427	1	03/13/08 01:59	SW846 8082	8031047
PCB-1242	ND		mg/kg dry	0.0427	1	03/13/08 01:59	SW846 8082	8031047
PCB-1248	**0.357**		mg/kg dry	0.0427	1	03/13/08 01:59	SW846 8082	8031047
PCB-1254	ND		mg/kg dry	0.0427	1	03/13/08 01:59	SW846 8082	8031047
PCB-1260	ND		mg/kg dry	0.0427	1	03/13/08 01:59	SW846 8082	8031047
Surr: Tetrachloro-meta-xylene (15-150%)	*98 %*					*03/13/08 01:59*	*SW846 8082*	*8031047*
Surr: Decachlorobiphenyl (10-150%)	*110 %*					*03/13/08 01:59*	*SW846 8082*	*8031047*
Sample ID: NRC0516-77 (SB-120(2-4) - Soil) Sampled: 03/05/08 15:20								
General Chemistry Parameters								
% Dry Solids	**73.8**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0447	1	03/13/08 05:03	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	0.0447	1	03/13/08 05:03	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	0.0447	1	03/13/08 05:03	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	0.0447	1	03/13/08 05:03	SW846 8082	8031048
PCB-1248	**0.300**		mg/kg dry	0.0447	1	03/13/08 05:03	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	0.0447	1	03/13/08 05:03	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	0.0447	1	03/13/08 05:03	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*72 %*					*03/13/08 05:03*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*88 %*					*03/13/08 05:03*	*SW846 8082*	*8031048*
Sample ID: NRC0516-78 (SB-120(4-6) - Soil) Sampled: 03/05/08 15:22								
General Chemistry Parameters								
% Dry Solids	**75.2**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0436	1	03/13/08 05:23	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	0.0436	1	03/13/08 05:23	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	0.0436	1	03/13/08 05:23	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	0.0436	1	03/13/08 05:23	SW846 8082	8031048
PCB-1248	ND		mg/kg dry	0.0436	1	03/13/08 05:23	SW846 8082	8031048
PCB-1254	**0.300**		mg/kg dry	0.0436	1	03/13/08 05:23	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	0.0436	1	03/13/08 05:23	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*82 %*					*03/13/08 05:23*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*96 %*					*03/13/08 05:23*	*SW846 8082*	*8031048*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-79 (SB-120(6-8) - Soil) Sampled: 03/05/08 15:24								
General Chemistry Parameters								
% Dry Solids	**81.2**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0410	1	03/13/08 05:44	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	0.0410	1	03/13/08 05:44	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	0.0410	1	03/13/08 05:44	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	0.0410	1	03/13/08 05:44	SW846 8082	8031048
PCB-1248	**0.0492**		mg/kg dry	0.0410	1	03/13/08 05:44	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	0.0410	1	03/13/08 05:44	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	0.0410	1	03/13/08 05:44	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*88 %*					*03/13/08 05:44*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*102 %*					*03/13/08 05:44*	*SW846 8082*	*8031048*
Sample ID: NRC0516-80 (SB-120(8-10) - Soil) Sampled: 03/05/08 15:32								
General Chemistry Parameters								
% Dry Solids	**76.4**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0424	1	03/13/08 06:04	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	0.0424	1	03/13/08 06:04	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	0.0424	1	03/13/08 06:04	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	0.0424	1	03/13/08 06:04	SW846 8082	8031048
PCB-1248	**0.112**		mg/kg dry	0.0424	1	03/13/08 06:04	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	0.0424	1	03/13/08 06:04	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	0.0424	1	03/13/08 06:04	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/13/08 06:04*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*112 %*					*03/13/08 06:04*	*SW846 8082*	*8031048*
Sample ID: NRC0516-81 (SB-121(0-2) - Soil) Sampled: 03/05/08 15:40								
General Chemistry Parameters								
% Dry Solids	**66.2**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	49.3	1000	03/14/08 09:16	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	49.3	1000	03/14/08 09:16	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	49.3	1000	03/14/08 09:16	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	49.3	1000	03/14/08 09:16	SW846 8082	8031048
PCB-1248	**1030**		mg/kg dry	49.3	1000	03/14/08 09:16	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	49.3	1000	03/14/08 09:16	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	49.3	1000	03/14/08 09:16	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 09:16*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 09:16*	*SW846 8082*	*8031048*
Sample ID: NRC0516-82 (SB-121(2-4) - Soil) Sampled: 03/05/08 15:41								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-82 (SB-121(2-4) - Soil) - cont. Sampled: 03/05/08 15:41								
General Chemistry Parameters - cont.								
% Dry Solids	**78.1**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0420	1	03/13/08 06:45	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	0.0420	1	03/13/08 06:45	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	0.0420	1	03/13/08 06:45	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	0.0420	1	03/13/08 06:45	SW846 8082	8031048
PCB-1248	**0.410**		mg/kg dry	0.0420	1	03/13/08 06:45	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	0.0420	1	03/13/08 06:45	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	0.0420	1	03/13/08 06:45	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*80 %*					*03/13/08 06:45*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*150 %*					*03/13/08 06:45*	*SW846 8082*	*8031048*
Sample ID: NRC0516-83 (SB-121(4-6) - Soil) Sampled: 03/05/08 15:42								
General Chemistry Parameters								
% Dry Solids	**69.7**		%	0.500	1	03/12/08 13:13	SW-846	8031459
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.239	5	03/13/08 23:45	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	0.239	5	03/13/08 23:45	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	0.239	5	03/13/08 23:45	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	0.239	5	03/13/08 23:45	SW846 8082	8031048
PCB-1248	**1.81**		mg/kg dry	0.239	5	03/13/08 23:45	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	0.239	5	03/13/08 23:45	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	0.239	5	03/13/08 23:45	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*40 %*					*03/13/08 23:45*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*80 %*					*03/13/08 23:45*	*SW846 8082*	*8031048*
Sample ID: NRC0516-84 (SB-121(6-8) - Soil) Sampled: 03/05/08 15:44								
General Chemistry Parameters								
% Dry Solids	**68.3**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.40	50	03/14/08 00:05	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	2.40	50	03/14/08 00:05	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	2.40	50	03/14/08 00:05	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	2.40	50	03/14/08 00:05	SW846 8082	8031048
PCB-1248	**12.4**		mg/kg dry	2.40	50	03/14/08 00:05	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	2.40	50	03/14/08 00:05	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	2.40	50	03/14/08 00:05	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 00:05*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 00:05*	*SW846 8082*	*8031048*
Sample ID: NRC0516-85 (SB-121(8-10) - Soil) Sampled: 03/05/08 15:47								
General Chemistry Parameters								

Client:	ERM-North Central (3075) 12755 Olive Blvd, Suite 110 St. Louis, MO 63141	Work Order:	NRC0516
		Project Name:	Conoco-Phillips PCB Project
		Project Number:	Conoco-Phillips PCB Project
Attn:	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-85 (SB-121(8-10) - Soil) - cont. Sampled: 03/05/08 15:47								
General Chemistry Parameters - cont.								
% Dry Solids	**81.6**		%	0.500	1	03/10/08 11:52	SW-846	8031039
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.02	50	03/14/08 00:26	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	2.02	50	03/14/08 00:26	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	2.02	50	03/14/08 00:26	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	2.02	50	03/14/08 00:26	SW846 8082	8031048
PCB-1248	**4.16**		mg/kg dry	2.02	50	03/14/08 00:26	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	2.02	50	03/14/08 00:26	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	2.02	50	03/14/08 00:26	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 00:26*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 00:26*	*SW846 8082*	*8031048*
Sample ID: NRC0516-86 (SB-121(8-10)Dup - Soil) Sampled: 03/05/08 15:47								
General Chemistry Parameters								
% Dry Solids	**88.4**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	1.88	50	03/14/08 00:46	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	1.88	50	03/14/08 00:46	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	1.88	50	03/14/08 00:46	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	1.88	50	03/14/08 00:46	SW846 8082	8031048
PCB-1248	**3.97**		mg/kg dry	1.88	50	03/14/08 00:46	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	1.88	50	03/14/08 00:46	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	1.88	50	03/14/08 00:46	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 00:46*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 00:46*	*SW846 8082*	*8031048*
Sample ID: NRC0516-87 (SB-122(0-2) - Soil) Sampled: 03/06/08 09:18								
General Chemistry Parameters								
% Dry Solids	**79.9**		%	0.500	1	03/10/08 11:51	SW-846	8031042
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.08	50	03/14/08 01:07	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	2.08	50	03/14/08 01:07	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	2.08	50	03/14/08 01:07	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	2.08	50	03/14/08 01:07	SW846 8082	8031048
PCB-1248	**7.84**		mg/kg dry	2.08	50	03/14/08 01:07	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	2.08	50	03/14/08 01:07	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	2.08	50	03/14/08 01:07	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 01:07*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 01:07*	*SW846 8082*	*8031048*
Sample ID: NRC0516-88 (SB-122(2-4) - Soil) Sampled: 03/06/08 09:21								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-88 (SB-122(2-4) - Soil) - cont. Sampled: 03/06/08 09:21								
General Chemistry Parameters - cont.								
% Dry Solids	**76.2**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.27	100	03/14/08 01:27	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	4.27	100	03/14/08 01:27	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	4.27	100	03/14/08 01:27	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	4.27	100	03/14/08 01:27	SW846 8082	8031048
PCB-1248	**21.8**		mg/kg dry	4.27	100	03/14/08 01:27	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	4.27	100	03/14/08 01:27	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	4.27	100	03/14/08 01:27	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 01:27*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 01:27*	*SW846 8082*	*8031048*
Sample ID: NRC0516-89 (SB-122(4-6) - Soil) Sampled: 03/06/08 09:22								
General Chemistry Parameters								
% Dry Solids	**75.5**		%	0.500	1	03/10/08 11:54	SW-846	8031043
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.37	100	03/14/08 01:48	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	4.37	100	03/14/08 01:48	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	4.37	100	03/14/08 01:48	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	4.37	100	03/14/08 01:48	SW846 8082	8031048
PCB-1248	**17.7**		mg/kg dry	4.37	100	03/14/08 01:48	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	4.37	100	03/14/08 01:48	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	4.37	100	03/14/08 01:48	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 01:48*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 01:48*	*SW846 8082*	*8031048*
Sample ID: NRC0516-90 (SB-122(6-8) - Soil) Sampled: 03/06/08 09:24								
General Chemistry Parameters								
% Dry Solids	**77.6**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.23	100	03/14/08 02:08	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	4.23	100	03/14/08 02:08	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	4.23	100	03/14/08 02:08	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	4.23	100	03/14/08 02:08	SW846 8082	8031048
PCB-1248	**34.0**		mg/kg dry	4.23	100	03/14/08 02:08	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	4.23	100	03/14/08 02:08	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	4.23	100	03/14/08 02:08	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 02:08*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 02:08*	*SW846 8082*	*8031048*
Sample ID: NRC0516-91 (SB-122(8-10) - Soil) Sampled: 03/06/08 09:25								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-91 (SB-122(8-10) - Soil) - cont. Sampled: 03/06/08 09:25								
General Chemistry Parameters - cont.								
% Dry Solids	**82.4**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0399	1	03/13/08 13:33	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	0.0399	1	03/13/08 13:33	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	0.0399	1	03/13/08 13:33	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	0.0399	1	03/13/08 13:33	SW846 8082	8031048
PCB-1248	**0.135**		mg/kg dry	0.0399	1	03/13/08 13:33	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	0.0399	1	03/13/08 13:33	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	0.0399	1	03/13/08 13:33	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*03/13/08 13:33*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*88 %*					*03/13/08 13:33*	*SW846 8082*	*8031048*
Sample ID: NRC0516-92 (SB-123(0-2) - Soil) Sampled: 03/06/08 09:44								
General Chemistry Parameters								
% Dry Solids	**77.1**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.12	50	03/14/08 02:28	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	2.12	50	03/14/08 02:28	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	2.12	50	03/14/08 02:28	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	2.12	50	03/14/08 02:28	SW846 8082	8031048
PCB-1248	**11.3**		mg/kg dry	2.12	50	03/14/08 02:28	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	2.12	50	03/14/08 02:28	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	2.12	50	03/14/08 02:28	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 02:28*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 02:28*	*SW846 8082*	*8031048*
Sample ID: NRC0516-93 (SB-123(2-4) - Soil) Sampled: 03/06/08 09:47								
General Chemistry Parameters								
% Dry Solids	**73.3**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.27	50	03/14/08 02:49	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	2.27	50	03/14/08 02:49	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	2.27	50	03/14/08 02:49	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	2.27	50	03/14/08 02:49	SW846 8082	8031048
PCB-1248	**5.33**		mg/kg dry	2.27	50	03/14/08 02:49	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	2.27	50	03/14/08 02:49	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	2.27	50	03/14/08 02:49	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 02:49*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 02:49*	*SW846 8082*	*8031048*
Sample ID: NRC0516-94 (SB-123(4-6) - Soil) Sampled: 03/06/08 09:48								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-94 (SB-123(4-6) - Soil) - cont. Sampled: 03/06/08 09:48								
General Chemistry Parameters - cont.								
% Dry Solids	**76.6**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.432	10	03/14/08 03:09	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	0.432	10	03/14/08 03:09	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	0.432	10	03/14/08 03:09	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	0.432	10	03/14/08 03:09	SW846 8082	8031048
PCB-1248	**2.09**		mg/kg dry	0.432	10	03/14/08 03:09	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	0.432	10	03/14/08 03:09	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	0.432	10	03/14/08 03:09	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*20 %*					*03/14/08 03:09*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*80 %*					*03/14/08 03:09*	*SW846 8082*	*8031048*
Sample ID: NRC0516-95 (SB-123(6-8) - Soil) Sampled: 03/06/08 09:50								
General Chemistry Parameters								
% Dry Solids	**80.8**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.01	50	03/14/08 03:30	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	2.01	50	03/14/08 03:30	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	2.01	50	03/14/08 03:30	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	2.01	50	03/14/08 03:30	SW846 8082	8031048
PCB-1248	**8.02**		mg/kg dry	2.01	50	03/14/08 03:30	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	2.01	50	03/14/08 03:30	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	2.01	50	03/14/08 03:30	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/14/08 03:30*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/14/08 03:30*	*SW846 8082*	*8031048*
Sample ID: NRC0516-96 (SB-123(8-10) - Soil) Sampled: 03/06/08 09:51								
General Chemistry Parameters								
% Dry Solids	**81.9**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0396	1	03/13/08 15:15	SW846 8082	8031048
PCB-1221	ND		mg/kg dry	0.0396	1	03/13/08 15:15	SW846 8082	8031048
PCB-1232	ND		mg/kg dry	0.0396	1	03/13/08 15:15	SW846 8082	8031048
PCB-1242	ND		mg/kg dry	0.0396	1	03/13/08 15:15	SW846 8082	8031048
PCB-1248	ND		mg/kg dry	0.0396	1	03/13/08 15:15	SW846 8082	8031048
PCB-1254	ND		mg/kg dry	0.0396	1	03/13/08 15:15	SW846 8082	8031048
PCB-1260	ND		mg/kg dry	0.0396	1	03/13/08 15:15	SW846 8082	8031048
Surr: Tetrachloro-meta-xylene (15-150%)	*106 %*					*03/13/08 15:15*	*SW846 8082*	*8031048*
Surr: Decachlorobiphenyl (10-150%)	*116 %*					*03/13/08 15:15*	*SW846 8082*	*8031048*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-97 (SB-123(8-10)Dup - Soil) Sampled: 03/06/08 09:51								
General Chemistry Parameters								
% Dry Solids	**86.4**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0376	1	03/14/08 05:52	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.0376	1	03/14/08 05:52	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.0376	1	03/14/08 05:52	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.0376	1	03/14/08 05:52	SW846 8082	8031050
PCB-1248	ND		mg/kg dry	0.0376	1	03/14/08 05:52	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.0376	1	03/14/08 05:52	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.0376	1	03/14/08 05:52	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*94 %*					*03/14/08 05:52*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*104 %*					*03/14/08 05:52*	*SW846 8082*	*8031050*
Sample ID: NRC0516-98 (SB-124(0-2) - Soil) Sampled: 03/06/08 09:56								
General Chemistry Parameters								
% Dry Solids	**78.5**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0424	1	03/14/08 06:13	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.0424	1	03/14/08 06:13	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.0424	1	03/14/08 06:13	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.0424	1	03/14/08 06:13	SW846 8082	8031050
PCB-1248	**0.735**		mg/kg dry	0.0424	1	03/14/08 06:13	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.0424	1	03/14/08 06:13	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.0424	1	03/14/08 06:13	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*80 %*					*03/14/08 06:13*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*122 %*					*03/14/08 06:13*	*SW846 8082*	*8031050*
Sample ID: NRC0516-99 (SB-124(2-4) - Soil) Sampled: 03/06/08 09:58								
General Chemistry Parameters								
% Dry Solids	**76.9**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0422	1	03/14/08 06:33	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.0422	1	03/14/08 06:33	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.0422	1	03/14/08 06:33	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.0422	1	03/14/08 06:33	SW846 8082	8031050
PCB-1248	**0.355**		mg/kg dry	0.0422	1	03/14/08 06:33	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.0422	1	03/14/08 06:33	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.0422	1	03/14/08 06:33	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*96 %*					*03/14/08 06:33*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*102 %*					*03/14/08 06:33*	*SW846 8082*	*8031050*

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-AA (SB-124(4-6) - Soil) Sampled: 03/06/08 09:59								
General Chemistry Parameters								
% Dry Solids	**71.5**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0465	1	03/14/08 06:54	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.0465	1	03/14/08 06:54	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.0465	1	03/14/08 06:54	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.0465	1	03/14/08 06:54	SW846 8082	8031050
PCB-1248	**0.495**		mg/kg dry	0.0465	1	03/14/08 06:54	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.0465	1	03/14/08 06:54	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.0465	1	03/14/08 06:54	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/14/08 06:54*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*96 %*					*03/14/08 06:54*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AB (SB-124(6-8) - Soil) Sampled: 03/06/08 10:00								
General Chemistry Parameters								
% Dry Solids	**81.1**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.821	20	03/15/08 01:35	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.821	20	03/15/08 01:35	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.821	20	03/15/08 01:35	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.821	20	03/15/08 01:35	SW846 8082	8031050
PCB-1248	**2.59**		mg/kg dry	0.821	20	03/15/08 01:35	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.821	20	03/15/08 01:35	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.821	20	03/15/08 01:35	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/15/08 01:35*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/15/08 01:35*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AC (SB-124(8-10) - Soil) Sampled: 03/06/08 10:01								
General Chemistry Parameters								
% Dry Solids	**75.5**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0437	1	03/14/08 07:34	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.0437	1	03/14/08 07:34	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.0437	1	03/14/08 07:34	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.0437	1	03/14/08 07:34	SW846 8082	8031050
PCB-1248	**0.0954**		mg/kg dry	0.0437	1	03/14/08 07:34	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.0437	1	03/14/08 07:34	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.0437	1	03/14/08 07:34	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/14/08 07:34*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*108 %*					*03/14/08 07:34*	*SW846 8082*	*8031050*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-AD (SB-125(0-2) - Soil) Sampled: 03/06/08 10:08								
General Chemistry Parameters								
% Dry Solids	**92.9**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	3.55	100	03/15/08 01:55	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	3.55	100	03/15/08 01:55	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	3.55	100	03/15/08 01:55	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	3.55	100	03/15/08 01:55	SW846 8082	8031050
PCB-1248	ND		mg/kg dry	3.55	100	03/15/08 01:55	SW846 8082	8031050
PCB-1254	**27.2**		mg/kg dry	3.55	100	03/15/08 01:55	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	3.55	100	03/15/08 01:55	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/15/08 01:55*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/15/08 01:55*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AE (SB-126(0-2) - Soil) Sampled: 03/06/08 10:16								
General Chemistry Parameters								
% Dry Solids	**81.5**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4050	50000	03/16/08 13:38	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	4050	50000	03/16/08 13:38	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	4050	50000	03/16/08 13:38	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	4050	50000	03/16/08 13:38	SW846 8082	8031050
PCB-1248	**19300**		mg/kg dry	4050	50000	03/16/08 13:38	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	4050	50000	03/16/08 13:38	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	4050	50000	03/16/08 13:38	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/16/08 13:38*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/16/08 13:38*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AF (SB-126(2-4) - Soil) Sampled: 03/06/08 10:19								
General Chemistry Parameters								
% Dry Solids	**76.5**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	42.7	1000	03/15/08 02:36	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	42.7	1000	03/15/08 02:36	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	42.7	1000	03/15/08 02:36	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	42.7	1000	03/15/08 02:36	SW846 8082	8031050
PCB-1248	**545**		mg/kg dry	42.7	1000	03/15/08 02:36	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	42.7	1000	03/15/08 02:36	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	42.7	1000	03/15/08 02:36	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/15/08 02:36*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/15/08 02:36*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AG (SB-126(4-6) - Soil) Sampled: 03/06/08 10:21								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-AG (SB-126(4-6) - Soil) - cont. Sampled: 03/06/08 10:21								
General Chemistry Parameters - cont.								
% Dry Solids	**89.4**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	36.2	1000	03/15/08 02:56	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	36.2	1000	03/15/08 02:56	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	36.2	1000	03/15/08 02:56	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	36.2	1000	03/15/08 02:56	SW846 8082	8031050
PCB-1248	**232**		mg/kg dry	36.2	1000	03/15/08 02:56	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	36.2	1000	03/15/08 02:56	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	36.2	1000	03/15/08 02:56	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/15/08 02:56*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/15/08 02:56*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AH (SB-126(6-8) - Soil) Sampled: 03/06/08 10:23								
General Chemistry Parameters								
% Dry Solids	**76.1**		%	0.500	1	03/15/08 08:37	SW-846	8031064
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0436	1	03/14/08 10:59	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.0436	1	03/14/08 10:59	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.0436	1	03/14/08 10:59	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.0436	1	03/14/08 10:59	SW846 8082	8031050
PCB-1248	**1.17**		mg/kg dry	0.0436	1	03/14/08 10:59	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.0436	1	03/14/08 10:59	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.0436	1	03/14/08 10:59	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*03/14/08 10:59*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*98 %*					*03/14/08 10:59*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AI (SB-126(8-10) - Soil) Sampled: 03/06/08 10:26								
General Chemistry Parameters								
% Dry Solids	**73.7**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0446	1	03/14/08 11:19	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.0446	1	03/14/08 11:19	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.0446	1	03/14/08 11:19	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.0446	1	03/14/08 11:19	SW846 8082	8031050
PCB-1248	**0.117**		mg/kg dry	0.0446	1	03/14/08 11:19	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.0446	1	03/14/08 11:19	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.0446	1	03/14/08 11:19	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/14/08 11:19*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*98 %*					*03/14/08 11:19*	*SW846 8082*	*8031050*

Client:	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-AJ (SB-126(8-10)Dup - Soil) Sampled: 03/06/08 10:26								
General Chemistry Parameters								
% Dry Solids	**76.1**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0426	1	03/14/08 11:39	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.0426	1	03/14/08 11:39	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.0426	1	03/14/08 11:39	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.0426	1	03/14/08 11:39	SW846 8082	8031050
PCB-1248	**0.219**		mg/kg dry	0.0426	1	03/14/08 11:39	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.0426	1	03/14/08 11:39	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.0426	1	03/14/08 11:39	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*03/14/08 11:39*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*92 %*					*03/14/08 11:39*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AK (SB-127(0-2) - Soil) Sampled: 03/06/08 10:35								
General Chemistry Parameters								
% Dry Solids	**82.3**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	19.7	500	03/15/08 03:17	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	19.7	500	03/15/08 03:17	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	19.7	500	03/15/08 03:17	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	19.7	500	03/15/08 03:17	SW846 8082	8031050
PCB-1248	ND		mg/kg dry	19.7	500	03/15/08 03:17	SW846 8082	8031050
PCB-1254	**206**		mg/kg dry	19.7	500	03/15/08 03:17	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	19.7	500	03/15/08 03:17	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/15/08 03:17*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/15/08 03:17*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AL (SB-127(2-4) - Soil) Sampled: 03/06/08 10:37								
General Chemistry Parameters								
% Dry Solids	**82.4**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	20.1	500	03/15/08 03:37	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	20.1	500	03/15/08 03:37	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	20.1	500	03/15/08 03:37	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	20.1	500	03/15/08 03:37	SW846 8082	8031050
PCB-1248	ND		mg/kg dry	20.1	500	03/15/08 03:37	SW846 8082	8031050
PCB-1254	**102**		mg/kg dry	20.1	500	03/15/08 03:37	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	20.1	500	03/15/08 03:37	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/15/08 03:37*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/15/08 03:37*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AM (SB-127(4-6) - Soil) Sampled: 03/06/08 10:38								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-AM (SB-127(4-6) - Soil) - cont. Sampled: 03/06/08 10:38								
General Chemistry Parameters - cont.								
% Dry Solids	**77.6**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	21.4	500	03/15/08 03:57	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	21.4	500	03/15/08 03:57	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	21.4	500	03/15/08 03:57	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	21.4	500	03/15/08 03:57	SW846 8082	8031050
PCB-1248	ND		mg/kg dry	21.4	500	03/15/08 03:57	SW846 8082	8031050
PCB-1254	**61.1**		mg/kg dry	21.4	500	03/15/08 03:57	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	21.4	500	03/15/08 03:57	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/15/08 03:57*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/15/08 03:57*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AN (SB-127(6-8) - Soil) Sampled: 03/06/08 10:40								
General Chemistry Parameters								
% Dry Solids	**77.5**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	21.4	500	03/15/08 04:18	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	21.4	500	03/15/08 04:18	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	21.4	500	03/15/08 04:18	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	21.4	500	03/15/08 04:18	SW846 8082	8031050
PCB-1248	ND		mg/kg dry	21.4	500	03/15/08 04:18	SW846 8082	8031050
PCB-1254	**242**		mg/kg dry	21.4	500	03/15/08 04:18	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	21.4	500	03/15/08 04:18	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/15/08 04:18*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/15/08 04:18*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AO (SB-127(8-10) - Soil) Sampled: 03/06/08 10:43								
General Chemistry Parameters								
% Dry Solids	**64.4**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	50.9	1000	03/15/08 04:38	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	50.9	1000	03/15/08 04:38	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	50.9	1000	03/15/08 04:38	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	50.9	1000	03/15/08 04:38	SW846 8082	8031050
PCB-1248	**1270**		mg/kg dry	50.9	1000	03/15/08 04:38	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	50.9	1000	03/15/08 04:38	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	50.9	1000	03/15/08 04:38	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/15/08 04:38*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/15/08 04:38*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AP (SB-128(0-2) - Soil) Sampled: 03/06/08 10:55								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd., Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-AP (SB-128(0-2) - Soil) - cont. Sampled: 03/06/08 10:55								
General Chemistry Parameters - cont.								
% Dry Solids	**79.5**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0412	1	03/14/08 13:42	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.0412	1	03/14/08 13:42	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.0412	1	03/14/08 13:42	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.0412	1	03/14/08 13:42	SW846 8082	8031050
PCB-1248	**0.513**		mg/kg dry	0.0412	1	03/14/08 13:42	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.0412	1	03/14/08 13:42	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.0412	1	03/14/08 13:42	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*86 %*					*03/14/08 13:42*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*416 %*	*Z5*				*03/14/08 13:42*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AQ (SB-128(2-4) - Soil) Sampled: 03/06/08 10:56								
General Chemistry Parameters								
% Dry Solids	**75.1**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0434	1	03/14/08 14:02	SW846 8082	8031050
PCB-1221	ND		mg/kg dry	0.0434	1	03/14/08 14:02	SW846 8082	8031050
PCB-1232	ND		mg/kg dry	0.0434	1	03/14/08 14:02	SW846 8082	8031050
PCB-1242	ND		mg/kg dry	0.0434	1	03/14/08 14:02	SW846 8082	8031050
PCB-1248	**0.176**		mg/kg dry	0.0434	1	03/14/08 14:02	SW846 8082	8031050
PCB-1254	ND		mg/kg dry	0.0434	1	03/14/08 14:02	SW846 8082	8031050
PCB-1260	ND		mg/kg dry	0.0434	1	03/14/08 14:02	SW846 8082	8031050
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/14/08 14:02*	*SW846 8082*	*8031050*
Surr: Decachlorobiphenyl (10-150%)	*118 %*					*03/14/08 14:02*	*SW846 8082*	*8031050*
Sample ID: NRC0516-AR (SB-128(4-6) - Soil) Sampled: 03/06/08 10:58								
General Chemistry Parameters								
% Dry Solids	**72.1**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0450	1	03/14/08 17:26	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0450	1	03/14/08 17:26	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0450	1	03/14/08 17:26	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0450	1	03/14/08 17:26	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0450	1	03/14/08 17:26	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0450	1	03/14/08 17:26	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0450	1	03/14/08 17:26	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*83 %*					*03/14/08 17:26*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*110 %*					*03/14/08 17:26*	*SW846 8082*	*8031051*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-AS (SB-128(6-8) - Soil) Sampled: 03/06/08 10:59								
General Chemistry Parameters								
% Dry Solids	**78.1**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0419	1	03/14/08 17:46	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0419	1	03/14/08 17:46	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0419	1	03/14/08 17:46	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0419	1	03/14/08 17:46	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0419	1	03/14/08 17:46	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0419	1	03/14/08 17:46	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0419	1	03/14/08 17:46	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*106 %*					*03/14/08 17:46*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*114 %*					*03/14/08 17:46*	*SW846 8082*	*8031051*
Sample ID: NRC0516-AT (SB-128(8-10) - Soil) Sampled: 03/06/08 11:04								
General Chemistry Parameters								
% Dry Solids	**79.9**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0414	1	03/14/08 18:07	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0414	1	03/14/08 18:07	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0414	1	03/14/08 18:07	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0414	1	03/14/08 18:07	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0414	1	03/14/08 18:07	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0414	1	03/14/08 18:07	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0414	1	03/14/08 18:07	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*86 %*					*03/14/08 18:07*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*118 %*					*03/14/08 18:07*	*SW846 8082*	*8031051*
Sample ID: NRC0516-AU (SB-128(8-10)Dup - Soil) Sampled: 03/06/08 11:04								
General Chemistry Parameters								
% Dry Solids	**80.3**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0407	1	03/14/08 18:27	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0407	1	03/14/08 18:27	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0407	1	03/14/08 18:27	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0407	1	03/14/08 18:27	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0407	1	03/14/08 18:27	SW846 8082	8031051
PCB-1254	**0.132**		mg/kg dry	0.0407	1	03/14/08 18:27	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0407	1	03/14/08 18:27	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*102 %*					*03/14/08 18:27*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*114 %*					*03/14/08 18:27*	*SW846 8082*	*8031051*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-AV (SB-129(0-2) - Soil) Sampled: 03/06/08 11:09								
General Chemistry Parameters								
% Dry Solids	**77.8**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0419	1	03/14/08 18:47	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0419	1	03/14/08 18:47	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0419	1	03/14/08 18:47	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0419	1	03/14/08 18:47	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0419	1	03/14/08 18:47	SW846 8082	8031051
PCB-1254	**0.273**		mg/kg dry	0.0419	1	03/14/08 18:47	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0419	1	03/14/08 18:47	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*78 %*					*03/14/08 18:47*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*108 %*					*03/14/08 18:47*	*SW846 8082*	*8031051*
Sample ID: NRC0516-AW (SB-129(2-4) - Soil) Sampled: 03/06/08 11:11								
General Chemistry Parameters								
% Dry Solids	**77.5**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0430	1	03/14/08 19:08	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0430	1	03/14/08 19:08	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0430	1	03/14/08 19:08	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0430	1	03/14/08 19:08	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0430	1	03/14/08 19:08	SW846 8082	8031051
PCB-1254	**0.100**		mg/kg dry	0.0430	1	03/14/08 19:08	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0430	1	03/14/08 19:08	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*03/14/08 19:08*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*122 %*					*03/14/08 19:08*	*SW846 8082*	*8031051*
Sample ID: NRC0516-AX (SB-129(4-6) - Soil) Sampled: 03/06/08 11:12								
General Chemistry Parameters								
% Dry Solids	**73.8**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0442	1	03/14/08 19:28	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0442	1	03/14/08 19:28	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0442	1	03/14/08 19:28	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0442	1	03/14/08 19:28	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0442	1	03/14/08 19:28	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0442	1	03/14/08 19:28	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0442	1	03/14/08 19:28	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*82 %*					*03/14/08 19:28*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*116 %*					*03/14/08 19:28*	*SW846 8082*	*8031051*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-AY (SB-129(6-8) - Soil) Sampled: 03/06/08 11:13								
General Chemistry Parameters								
% Dry Solids	**74.2**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0448	1	03/14/08 19:48	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0448	1	03/14/08 19:48	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0448	1	03/14/08 19:48	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0448	1	03/14/08 19:48	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0448	1	03/14/08 19:48	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0448	1	03/14/08 19:48	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0448	1	03/14/08 19:48	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*92 %*					*03/14/08 19:48*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*122 %*					*03/14/08 19:48*	*SW846 8082*	*8031051*
Sample ID: NRC0516-AZ (SB-129(8-10) - Soil) Sampled: 03/06/08 11:17								
General Chemistry Parameters								
% Dry Solids	**81.1**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0398	1	03/14/08 20:50	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0398	1	03/14/08 20:50	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0398	1	03/14/08 20:50	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0398	1	03/14/08 20:50	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0398	1	03/14/08 20:50	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0398	1	03/14/08 20:50	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0398	1	03/14/08 20:50	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/14/08 20:50*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*118 %*					*03/14/08 20:50*	*SW846 8082*	*8031051*
Sample ID: NRC0516-BA (SB-130(0-2) - Soil) Sampled: 03/06/08 11:24								
General Chemistry Parameters								
% Dry Solids	**79.0**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.10	50	03/16/08 13:59	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	2.10	50	03/16/08 13:59	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	2.10	50	03/16/08 13:59	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	2.10	50	03/16/08 13:59	SW846 8082	8031051
PCB-1248	**11.1**		mg/kg dry	2.10	50	03/16/08 13:59	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	2.10	50	03/16/08 13:59	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	2.10	50	03/16/08 13:59	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*03/16/08 13:59*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*03/16/08 13:59*	*SW846 8082*	*8031051*
Sample ID: NRC0516-BB (SB-130(2-4) - Soil) Sampled: 03/06/08 11:26								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-BB (SB-130(2-4) - Soil) - cont. Sampled: 03/06/08 11:26								
General Chemistry Parameters - cont.								
% Dry Solids	**75.9**		%	0.500	1	03/10/08 11:53	SW-846	8031063
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0425	1	03/14/08 21:30	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0425	1	03/14/08 21:30	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0425	1	03/14/08 21:30	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0425	1	03/14/08 21:30	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0425	1	03/14/08 21:30	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0425	1	03/14/08 21:30	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0425	1	03/14/08 21:30	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*94 %*					*03/14/08 21:30*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*94 %*					*03/14/08 21:30*	*SW846 8082*	*8031051*
Sample ID: NRC0516-BC (SB-130(4-6) - Soil) Sampled: 03/06/08 11:28								
General Chemistry Parameters								
% Dry Solids	**81.0**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0402	1	03/14/08 21:51	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0402	1	03/14/08 21:51	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0402	1	03/14/08 21:51	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0402	1	03/14/08 21:51	SW846 8082	8031051
PCB-1248	**0.0470**		mg/kg dry	0.0402	1	03/14/08 21:51	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0402	1	03/14/08 21:51	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0402	1	03/14/08 21:51	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*82 %*					*03/14/08 21:51*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*108 %*					*03/14/08 21:51*	*SW846 8082*	*8031051*
Sample ID: NRC0516-BD (SB-130(6-8) - Soil) Sampled: 03/06/08 11:30								
General Chemistry Parameters								
% Dry Solids	**82.7**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0400	1	03/14/08 22:11	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0400	1	03/14/08 22:11	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0400	1	03/14/08 22:11	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0400	1	03/14/08 22:11	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0400	1	03/14/08 22:11	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0400	1	03/14/08 22:11	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0400	1	03/14/08 22:11	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*86 %*					*03/14/08 22:11*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*116 %*					*03/14/08 22:11*	*SW846 8082*	*8031051*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-BE (SB-130(8-10) - Soil) Sampled: 03/06/08 11:32								
General Chemistry Parameters								
% Dry Solids	**81.4**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0407	1	03/14/08 22:31	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0407	1	03/14/08 22:31	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0407	1	03/14/08 22:31	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0407	1	03/14/08 22:31	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0407	1	03/14/08 22:31	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0407	1	03/14/08 22:31	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0407	1	03/14/08 22:31	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*102 %*					*03/14/08 22:31*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*120 %*					*03/14/08 22:31*	*SW846 8082*	*8031051*
Sample ID: NRC0516-BF (SB-130(8-10)Dup - Soil) Sampled: 03/06/08 11:32								
General Chemistry Parameters								
% Dry Solids	**83.2**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0391	1	03/14/08 22:52	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0391	1	03/14/08 22:52	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0391	1	03/14/08 22:52	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0391	1	03/14/08 22:52	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0391	1	03/14/08 22:52	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0391	1	03/14/08 22:52	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0391	1	03/14/08 22:52	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*94 %*					*03/14/08 22:52*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*120 %*					*03/14/08 22:52*	*SW846 8082*	*8031051*
Sample ID: NRC0516-BG (SB-131(0-2) - Soil) Sampled: 03/06/08 11:39								
General Chemistry Parameters								
% Dry Solids	**78.5**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0419	1	03/14/08 23:12	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0419	1	03/14/08 23:12	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0419	1	03/14/08 23:12	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0419	1	03/14/08 23:12	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0419	1	03/14/08 23:12	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0419	1	03/14/08 23:12	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0419	1	03/14/08 23:12	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*100 %*					*03/14/08 23:12*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*104 %*					*03/14/08 23:12*	*SW846 8082*	*8031051*

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-BH (SB-131(2-4) - Soil) Sampled: 03/06/08 11:41								
General Chemistry Parameters								
% Dry Solids	**76.0**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0428	1	03/14/08 23:32	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0428	1	03/14/08 23:32	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0428	1	03/14/08 23:32	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0428	1	03/14/08 23:32	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0428	1	03/14/08 23:32	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0428	1	03/14/08 23:32	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0428	1	03/14/08 23:32	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*86 %*					*03/14/08 23:32*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*102 %*					*03/14/08 23:32*	*SW846 8082*	*8031051*
Sample ID: NRC0516-BI (SB-131(4-6) - Soil) Sampled: 03/06/08 11:43								
General Chemistry Parameters								
% Dry Solids	**78.6**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0422	1	03/14/08 23:53	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0422	1	03/14/08 23:53	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0422	1	03/14/08 23:53	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0422	1	03/14/08 23:53	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0422	1	03/14/08 23:53	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0422	1	03/14/08 23:53	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0422	1	03/14/08 23:53	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/14/08 23:53*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*118 %*					*03/14/08 23:53*	*SW846 8082*	*8031051*
Sample ID: NRC0516-BJ (SB-131(6-8) - Soil) Sampled: 03/06/08 11:44								
General Chemistry Parameters								
% Dry Solids	**75.5**		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0440	1	03/15/08 00:13	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0440	1	03/15/08 00:13	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0440	1	03/15/08 00:13	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0440	1	03/15/08 00:13	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0440	1	03/15/08 00:13	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0440	1	03/15/08 00:13	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0440	1	03/15/08 00:13	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*94 %*					*03/15/08 00:13*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*126 %*					*03/15/08 00:13*	*SW846 8082*	*8031051*

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC0516-BK (SB-131(8-10) - Soil) Sampled: 03/06/08 11:46								
General Chemistry Parameters								
% Dry Solids	79.6		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0411	1	03/15/08 00:34	SW846 8082	8031051
PCB-1221	ND		mg/kg dry	0.0411	1	03/15/08 00:34	SW846 8082	8031051
PCB-1232	ND		mg/kg dry	0.0411	1	03/15/08 00:34	SW846 8082	8031051
PCB-1242	ND		mg/kg dry	0.0411	1	03/15/08 00:34	SW846 8082	8031051
PCB-1248	ND		mg/kg dry	0.0411	1	03/15/08 00:34	SW846 8082	8031051
PCB-1254	ND		mg/kg dry	0.0411	1	03/15/08 00:34	SW846 8082	8031051
PCB-1260	ND		mg/kg dry	0.0411	1	03/15/08 00:34	SW846 8082	8031051
Surr: Tetrachloro-meta-xylene (15-150%)	*96 %*					*03/15/08 00:34*	*SW846 8082*	*8031051*
Surr: Decachlorobiphenyl (10-150%)	*126 %*					*03/15/08 00:34*	*SW846 8082*	*8031051*
Sample ID: NRC0516-BL (SB-131(8-10)Dup - Soil) Sampled: 03/06/08 11:46								
General Chemistry Parameters								
% Dry Solids	77.1		%	0.500	1	03/10/08 11:50	SW-846	8031044
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0427	1	03/11/08 21:06	SW846 8082	8031173
PCB-1221	ND		mg/kg dry	0.0427	1	03/11/08 21:06	SW846 8082	8031173
PCB-1232	ND		mg/kg dry	0.0427	1	03/11/08 21:06	SW846 8082	8031173
PCB-1242	ND		mg/kg dry	0.0427	1	03/11/08 21:06	SW846 8082	8031173
PCB-1248	ND		mg/kg dry	0.0427	1	03/11/08 21:06	SW846 8082	8031173
PCB-1254	ND		mg/kg dry	0.0427	1	03/11/08 21:06	SW846 8082	8031173
PCB-1260	ND		mg/kg dry	0.0427	1	03/11/08 21:06	SW846 8082	8031173
Surr: Tetrachloro-meta-xylene (15-150%)	*80 %*					*03/11/08 21:06*	*SW846 8082*	*8031173*
Surr: Decachlorobiphenyl (10-150%)	*112 %*					*03/11/08 21:06*	*SW846 8082*	*8031173*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082							
SW846 8082	8031032	NRC0516-01	30.44	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-02	30.92	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-03	30.90	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-04	30.69	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-05	30.51	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-06	30.59	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-07	30.91	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-08	30.85	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-09	30.87	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-10	30.20	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-11	30.08	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-12	30.71	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-13	30.82	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-14	30.64	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-15	30.10	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031032	NRC0516-16	30.17	10.00	03/07/08 12:40	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-17	30.00	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-18	30.07	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-19	30.43	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-20	30.42	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-21	30.01	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-22	30.18	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-23	30.17	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-24	30.19	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-25	30.69	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-26	30.02	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-27	30.01	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-28	30.28	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-28RE1	30.28	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-29	30.44	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-29RE1	30.44	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-30	30.47	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-30RE1	30.47	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-31	30.05	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-32	30.17	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-33	30.53	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-34	30.04	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-34RE1	30.04	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-35	30.19	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-35RE1	30.19	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-36	30.95	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031035	NRC0516-36RE1	30.95	10.00	03/07/08 13:04	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-37	30.08	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-37RE1	30.08	10.00	03/07/08 13:28	BJM	EPA 3550B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8082	8031037	NRC0516-38	30.56	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-38RE1	30.56	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-39	30.11	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-40	30.31	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-41	30.13	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-42	30.31	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-43	30.27	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-44	30.49	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-45	30.55	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-45RE1	30.55	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-45RE2	30.55	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-46	30.74	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-47	30.24	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-48	30.70	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-48RE1	30.70	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-49	30.22	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-50	30.56	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-50RE1	30.56	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-51	30.75	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-52	30.32	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-52RE1	30.32	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-53	30.17	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-53RE1	30.17	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-54	30.30	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031589	NRC0516-54RE1	30.78	10.00	03/11/08 13:05	AJK	EPA 3550B
SW846 8082	8031037	NRC0516-55	30.54	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031589	NRC0516-55RE1	30.01	10.00	03/11/08 13:05	AJK	EPA 3550B
SW846 8082	8031589	NRC0516-55RE2	30.01	10.00	03/11/08 13:05	AJK	EPA 3550B
SW846 8082	8031037	NRC0516-56	30.28	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-56RE1	30.28	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031037	NRC0516-56RE2	30.28	10.00	03/07/08 13:28	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-57	30.53	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-58	30.94	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-58RE1	30.94	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-59	30.53	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-59RE1	30.53	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-59RE2	30.53	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-60	30.51	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-61	30.15	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-62	30.14	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-63	30.44	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-64	30.38	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-65	30.41	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-66	30.02	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-67	30.32	10.00	03/07/08 15:35	BJM	EPA 3550B

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client:	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn:	Dan Wilkens	Received:	03/07/08 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8082	8031047	NRC0516-67RE1	30.32	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-68	30.56	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-68RE1	30.56	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-69	30.78	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-69RE1	30.78	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-70	30.81	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-70RE1	30.81	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-71	30.28	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-71RE1	30.28	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-72	30.17	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-72RE1	30.17	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-72RE2	30.17	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-73	30.87	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-73RE1	30.87	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-74	30.72	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-75	30.89	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031047	NRC0516-76	30.94	10.00	03/07/08 15:35	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-77	30.28	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-78	30.49	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-79	30.04	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-80	30.85	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-81	30.62	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-81RE1	30.62	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-81RE2	30.62	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-82	30.48	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-83	30.04	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-83RE1	30.04	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-84	30.46	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-84RE1	30.46	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-85	30.33	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-85RE1	30.33	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-86	30.07	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-86RE1	30.07	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-87	30.03	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-87RE1	30.03	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-88	30.71	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-88RE1	30.71	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-89	30.30	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-89RE1	30.30	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-90	30.47	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-90RE1	30.47	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-91	30.37	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-92	30.61	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-92RE1	30.61	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-93	30.07	10.00	03/07/08 14:46	BJM	EPA 3550B

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8082	8031048	NRC0516-93RE1	30.07	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-94	30.22	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-94RE1	30.22	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-95	30.70	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-95RE1	30.70	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031048	NRC0516-96	30.81	10.00	03/07/08 14:46	BJM	EPA 3550B
SW846 8082	8031050	NRC0516-97	30.76	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-98	30.01	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-99	30.77	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AA	30.04	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AB	30.01	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-ABRE1	30.01	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AC	30.27	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AD	30.28	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-ADRE1	30.28	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AE	30.26	20.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AERE1	30.26	20.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AERE2	30.26	20.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AF	30.61	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AFRE1	30.61	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AG	30.84	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AGRE1	30.84	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AH	30.10	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AI	30.41	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AJ	30.82	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AK	30.87	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AKRE1	30.87	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AL	30.15	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-ALRE1	30.15	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AM	30.06	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AMRE1	30.06	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AN	30.08	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-ANRE1	30.08	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AO	30.48	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AORE1	30.48	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AP	30.50	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031050	NRC0516-AQ	30.66	10.00	03/07/08 11:35	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-AR	30.80	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-AS	30.55	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-AT	30.20	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-AU	30.56	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-AV	30.65	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-AW	30.00	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-AX	30.62	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-AY	30.08	10.00	03/07/08 13:40	MSR	EPA 3550B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis. MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8082	8031051	NRC0516-AZ	30.97	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BA	30.05	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BARE1	30.05	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BB	30.97	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BC	30.71	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BD	30.22	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BE	30.16	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BF	30.73	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BG	30.39	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BH	30.68	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BI	30.10	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BJ	30.09	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031051	NRC0516-BK	30.50	10.00	03/07/08 13:40	MSR	EPA 3550B
SW846 8082	8031173	NRC0516-BL	30.36	10.00	03/08/08 13:55	BJM	EPA 3550B

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Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082						
8031032-BLK1						
PCB-1016	<0.00940		mg/kg wet	8031032	8031032-BLK1	03/09/08 13:55
PCB-1221	<0.0270		mg/kg wet	8031032	8031032-BLK1	03/09/08 13:55
PCB-1232	<0.0150		mg/kg wet	8031032	8031032-BLK1	03/09/08 13:55
PCB-1242	<0.0160		mg/kg wet	8031032	8031032-BLK1	03/09/08 13:55
PCB-1248	<0.0290		mg/kg wet	8031032	8031032-BLK1	03/09/08 13:55
PCB-1254	<0.0170		mg/kg wet	8031032	8031032-BLK1	03/09/08 13:55
PCB-1260	<0.0270		mg/kg wet	8031032	8031032-BLK1	03/09/08 13:55
Surrogate: Tetrachloro-meta-xylene	88%			8031032	8031032-BLK1	03/09/08 13:55
Surrogate: Decachlorobiphenyl	120%			8031032	8031032-BLK1	03/09/08 13:55
8031035-BLK1						
PCB-1016	<0.00940		mg/kg wet	8031035	8031035-BLK1	03/10/08 01:48
PCB-1221	<0.0270		mg/kg wet	8031035	8031035-BLK1	03/10/08 01:48
PCB-1232	<0.0150		mg/kg wet	8031035	8031035-BLK1	03/10/08 01:48
PCB-1242	<0.0160		mg/kg wet	8031035	8031035-BLK1	03/10/08 01:48
PCB-1248	<0.0290		mg/kg wet	8031035	8031035-BLK1	03/10/08 01:48
PCB-1254	<0.0170		mg/kg wet	8031035	8031035-BLK1	03/10/08 01:48
PCB-1260	<0.0270		mg/kg wet	8031035	8031035-BLK1	03/10/08 01:48
Surrogate: Tetrachloro-meta-xylene	86%			8031035	8031035-BLK1	03/10/08 01:48
Surrogate: Decachlorobiphenyl	122%			8031035	8031035-BLK1	03/10/08 01:48
8031037-BLK1						
PCB-1016	<0.00940		mg/kg wet	8031037	8031037-BLK1	03/11/08 03:20
PCB-1221	<0.0270		mg/kg wet	8031037	8031037-BLK1	03/11/08 03:20
PCB-1232	<0.0150		mg/kg wet	8031037	8031037-BLK1	03/11/08 03:20
PCB-1242	<0.0160		mg/kg wet	8031037	8031037-BLK1	03/11/08 03:20
PCB-1248	<0.0290		mg/kg wet	8031037	8031037-BLK1	03/11/08 03:20
PCB-1254	<0.0170		mg/kg wet	8031037	8031037-BLK1	03/11/08 03:20
PCB-1260	<0.0270		mg/kg wet	8031037	8031037-BLK1	03/11/08 03:20
Surrogate: Tetrachloro-meta-xylene	72%			8031037	8031037-BLK1	03/11/08 03:20
Surrogate: Decachlorobiphenyl	114%			8031037	8031037-BLK1	03/11/08 03:20
8031047-BLK1						
PCB-1016	<0.00940		mg/kg wet	8031047	8031047-BLK1	03/12/08 06:37
PCB-1221	<0.0270		mg/kg wet	8031047	8031047-BLK1	03/12/08 06:37
PCB-1232	<0.0150		mg/kg wet	8031047	8031047-BLK1	03/12/08 06:37
PCB-1242	<0.0160		mg/kg wet	8031047	8031047-BLK1	03/12/08 06:37
PCB-1248	<0.0290		mg/kg wet	8031047	8031047-BLK1	03/12/08 06:37
PCB-1254	<0.0170		mg/kg wet	8031047	8031047-BLK1	03/12/08 06:37
PCB-1260	<0.0270		mg/kg wet	8031047	8031047-BLK1	03/12/08 06:37
Surrogate: Tetrachloro-meta-xylene	80%			8031047	8031047-BLK1	03/12/08 06:37
Surrogate: Decachlorobiphenyl	124%			8031047	8031047-BLK1	03/12/08 06:37

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Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082						
8031048-BLK1						
PCB-1016	<0.00940		mg/kg wet	8031048	8031048-BLK1	03/13/08 03:41
PCB-1221	<0.0270		mg/kg wet	8031048	8031048-BLK1	03/13/08 03:41
PCB-1232	<0.0150		mg/kg wet	8031048	8031048-BLK1	03/13/08 03:41
PCB-1242	<0.0160		mg/kg wet	8031048	8031048-BLK1	03/13/08 03:41
PCB-1248	<0.0290		mg/kg wet	8031048	8031048-BLK1	03/13/08 03:41
PCB-1254	<0.0170		mg/kg wet	8031048	8031048-BLK1	03/13/08 03:41
PCB-1260	<0.0270		mg/kg wet	8031048	8031048-BLK1	03/13/08 03:41
Surrogate: Tetrachloro-meta-xylene	78%			8031048	8031048-BLK1	03/13/08 03:41
Surrogate: Decachlorobiphenyl	116%			8031048	8031048-BLK1	03/13/08 03:41
8031050-BLK1						
PCB-1016	<0.00940		mg/kg wet	8031050	8031050-BLK1	03/14/08 04:31
PCB-1221	<0.0270		mg/kg wet	8031050	8031050-BLK1	03/14/08 04:31
PCB-1232	<0.0150		mg/kg wet	8031050	8031050-BLK1	03/14/08 04:31
PCB-1242	<0.0160		mg/kg wet	8031050	8031050-BLK1	03/14/08 04:31
PCB-1248	<0.0290		mg/kg wet	8031050	8031050-BLK1	03/14/08 04:31
PCB-1254	<0.0170		mg/kg wet	8031050	8031050-BLK1	03/14/08 04:31
PCB-1260	<0.0270		mg/kg wet	8031050	8031050-BLK1	03/14/08 04:31
Surrogate: Tetrachloro-meta-xylene	96%			8031050	8031050-BLK1	03/14/08 04:31
Surrogate: Decachlorobiphenyl	128%			8031050	8031050-BLK1	03/14/08 04:31
8031051-BLK1						
PCB-1016	<0.00940		mg/kg wet	8031051	8031051-BLK1	03/14/08 16:04
PCB-1221	<0.0270		mg/kg wet	8031051	8031051-BLK1	03/14/08 16:04
PCB-1232	<0.0150		mg/kg wet	8031051	8031051-BLK1	03/14/08 16:04
PCB-1242	<0.0160		mg/kg wet	8031051	8031051-BLK1	03/14/08 16:04
PCB-1248	<0.0290		mg/kg wet	8031051	8031051-BLK1	03/14/08 16:04
PCB-1254	<0.0170		mg/kg wet	8031051	8031051-BLK1	03/14/08 16:04
PCB-1260	<0.0270		mg/kg wet	8031051	8031051-BLK1	03/14/08 16:04
Surrogate: Tetrachloro-meta-xylene	86%			8031051	8031051-BLK1	03/14/08 16:04
Surrogate: Decachlorobiphenyl	120%			8031051	8031051-BLK1	03/14/08 16:04
8031173-BLK1						
PCB-1016	<0.00940		mg/kg wet	8031173	8031173-BLK1	03/11/08 19:45
PCB-1221	<0.0270		mg/kg wet	8031173	8031173-BLK1	03/11/08 19:45
PCB-1232	<0.0150		mg/kg wet	8031173	8031173-BLK1	03/11/08 19:45
PCB-1242	<0.0160		mg/kg wet	8031173	8031173-BLK1	03/11/08 19:45
PCB-1248	<0.0290		mg/kg wet	8031173	8031173-BLK1	03/11/08 19:45
PCB-1254	<0.0170		mg/kg wet	8031173	8031173-BLK1	03/11/08 19:45
PCB-1260	<0.0270		mg/kg wet	8031173	8031173-BLK1	03/11/08 19:45
Surrogate: Tetrachloro-meta-xylene	90%			8031173	8031173-BLK1	03/11/08 19:45

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082						
8031173-BLK1						
Surrogate: Decachlorobiphenyl	124%			8031173	8031173-BLK1	03/11/08 19:45
8031589-BLK1						
PCB-1016	<0.00940		mg/kg wet	8031589	8031589-BLK1	03/12/08 13:45
PCB-1221	<0.0270		mg/kg wet	8031589	8031589-BLK1	03/12/08 13:45
PCB-1232	<0.0150		mg/kg wet	8031589	8031589-BLK1	03/12/08 13:45
PCB-1242	<0.0160		mg/kg wet	8031589	8031589-BLK1	03/12/08 13:45
PCB-1248	<0.0290		mg/kg wet	8031589	8031589-BLK1	03/12/08 13:45
PCB-1254	<0.0170		mg/kg wet	8031589	8031589-BLK1	03/12/08 13:45
PCB-1260	<0.0270		mg/kg wet	8031589	8031589-BLK1	03/12/08 13:45
PCB-1262	<0.0320		mg/kg wet	8031589	8031589-BLK1	03/12/08 13:45
PCB-1268	<0.0200		mg/kg wet	8031589	8031589-BLK1	03/12/08 13:45
Surrogate: Tetrachloro-meta-xylene	88%			8031589	8031589-BLK1	03/12/08 13:45
Surrogate: Decachlorobiphenyl	142%			8031589	8031589-BLK1	03/12/08 13:45

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Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
8031459-DUP1									
% Dry Solids	87.4	86.1		%	1	20	8031459	NRC0397-03	03/12/08 13:13

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Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082								
8031032-BS1								
PCB-1016	0 167	0.155		mg/kg wet	93%	53 - 150	8031032	03/09/08 14:15
PCB-1260	0 167	0.185		mg/kg wet	111%	51 - 141	8031032	03/09/08 14:15
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0153			92%	15 - 150	8031032	03/09/08 14:15
Surrogate: Decachlorobiphenyl	0.0167	0.0207			124%	10 - 150	8031032	03/09/08 14:15
8031035-BS1								
PCB-1016	0 167	0.157		mg/kg wet	94%	53 - 150	8031035	03/10/08 02:08
PCB-1260	0 167	0.196		mg/kg wet	118%	51 - 141	8031035	03/10/08 02:08
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0140			84%	15 - 150	8031035	03/10/08 02:08
Surrogate: Decachlorobiphenyl	0.0167	0.0207			124%	10 - 150	8031035	03/10/08 02:08
8031037-BS1								
PCB-1016	0 167	0.151	MNR	mg/kg wet	90%	53 - 150	8031037	03/11/08 03:40
PCB-1260	0 167	0.191	MNR	mg/kg wet	115%	51 - 141	8031037	03/11/08 03:40
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0147			88%	15 - 150	8031037	03/11/08 03:40
Surrogate: Decachlorobiphenyl	0.0167	0.0207			124%	10 - 150	8031037	03/11/08 03:40
8031047-BS1								
PCB-1016	0 167	0.155	MNR	mg/kg wet	93%	53 - 150	8031047	03/12/08 06:57
PCB-1260	0 167	0.207	MNR	mg/kg wet	124%	51 - 141	8031047	03/12/08 06:57
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0137			82%	15 - 150	8031047	03/12/08 06:57
Surrogate: Decachlorobiphenyl	0.0167	0.0213			128%	10 - 150	8031047	03/12/08 06:57
8031048-BS1								
PCB-1016	0 167	0.150	MNR	mg/kg wet	90%	53 - 150	8031048	03/13/08 04:02
PCB-1260	0 167	0.207	MNR	mg/kg wet	124%	51 - 141	8031048	03/13/08 04:02
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0120			72%	15 - 150	8031048	03/13/08 04:02
Surrogate: Decachlorobiphenyl	0.0167	0.0210			126%	10 - 150	8031048	03/13/08 04:02
8031050-BS1								
PCB-1016	0 167	0.124		mg/kg wet	75%	53 - 150	8031050	03/14/08 04:51
PCB-1260	0 167	0.199		mg/kg wet	119%	51 - 141	8031050	03/14/08 04:51
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0113			68%	15 - 150	8031050	03/14/08 04:51
Surrogate: Decachlorobiphenyl	0.0167	0.0210			126%	10 - 150	8031050	03/14/08 04:51
8031051-BS1								
PCB-1016	0 167	0.155		mg/kg wet	93%	53 - 150	8031051	03/14/08 16:25
PCB-1260	0 167	0.205		mg/kg wet	123%	51 - 141	8031051	03/14/08 16:25
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0153			92%	15 - 150	8031051	03/14/08 16:25
Surrogate: Decachlorobiphenyl	0.0167	0.0213			128%	10 - 150	8031051	03/14/08 16:25
8031173-BS1								

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082								
8031173-BS1								
PCB-1016	0.167	0.148		mg/kg wet	89%	53 - 150	8031173	03/11/08 20:05
PCB-1260	0.167	0.190		mg/kg wet	114%	51 - 141	8031173	03/11/08 20:05
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0150			90%	15 - 150	8031173	03/11/08 20:05
Surrogate: Decachlorobiphenyl	0.0167	0.0207			124%	10 - 150	8031173	03/11/08 20:05
8031589-BS1								
PCB-1016	0.167	0.160		mg/kg wet	96%	53 - 150	8031589	03/12/08 14:05
PCB-1260	0.167	0.219		mg/kg wet	131%	51 - 141	8031589	03/12/08 14:05
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0157			94%	15 - 150	8031589	03/12/08 14:05
Surrogate: Decachlorobiphenyl	0.0167	0.0233			140%	10 - 150	8031589	03/12/08 14:05

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082												
8031032-BSD1												
PCB-1016		0.148		mg/kg wet	0.167	89%	53 - 150	4	50	8031032		03/09/08 14:36
PCB-1260		0.180		mg/kg wet	0.167	108%	51 - 141	3	50	8031032		03/09/08 14:36
Surrogate: Tetrachloro-meta-xylene		0.0147		mg/kg wet	0.0167	88%	15 - 150			8031032		03/09/08 14:36
Surrogate: Decachlorobiphenyl		0.0210		mg/kg wet	0.0167	126%	10 - 150			8031032		03/09/08 14:36

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082										
8031032-MS1										
PCB-1016	ND	0.303		mg/kg dry	0.205	148%	16 - 182	8031032	NRC0516-16	03/09/08 14:56
PCB-1260	ND	0.225		mg/kg dry	0.205	110%	32 - 146	8031032	NRC0516-16	03/09/08 14:56
Surrogate: Tetrachloro-meta-xylene		0.0226		mg/kg dry	0.0205	110%	15 - 150	8031032	NRC0516-16	03/09/08 14:56
Surrogate: Decachlorobiphenyl		0.0238		mg/kg dry	0.0205	116%	10 - 150	8031032	NRC0516-16	03/09/08 14:56
8031035-MS1										
PCB-1016	ND	0.175		mg/kg dry	0.219	80%	16 - 182	8031035	NRC0516-17	03/10/08 02:28
PCB-1260	ND	0.229		mg/kg dry	0.219	104%	32 - 146	8031035	NRC0516-17	03/10/08 02:28
Surrogate: Tetrachloro-meta-xylene		0.0175		mg/kg dry	0.0219	80%	15 - 150	8031035	NRC0516-17	03/10/08 02:28
Surrogate: Decachlorobiphenyl		0.0250		mg/kg dry	0.0219	114%	10 - 150	8031035	NRC0516-17	03/10/08 02:28
8031050-MS1										
PCB-1016	ND	0.223		mg/kg dry	0.193	116%	16 - 182	8031050	NRC0516-97	03/14/08 05:11
PCB-1260	ND	0.208		mg/kg dry	0.193	108%	32 - 146	8031050	NRC0516-97	03/14/08 05:11
Surrogate: Tetrachloro-meta-xylene		0.0162		mg/kg dry	0.0193	84%	15 - 150	8031050	NRC0516-97	03/14/08 05:11
Surrogate: Decachlorobiphenyl		0.0219		mg/kg dry	0.0193	114%	10 - 150	8031050	NRC0516-97	03/14/08 05:11
8031051-MS1										
PCB-1016	ND	0.199		mg/kg dry	0.210	95%	16 - 182	8031051	NRC0516-AS	03/14/08 16:45
PCB-1260	ND	0.242		mg/kg dry	0.210	115%	32 - 146	8031051	NRC0516-AS	03/14/08 16:45
Surrogate: Tetrachloro-meta-xylene		0.0185		mg/kg dry	0.0210	88%	15 - 150	8031051	NRC0516-AS	03/14/08 16:45
Surrogate: Decachlorobiphenyl		0.0244		mg/kg dry	0.0210	116%	10 - 150	8031051	NRC0516-AS	03/14/08 16:45
8031173-MS1										
PCB-1016	ND	0.272		mg/kg dry	0.214	127%	16 - 182	8031173	NRC0516-BL	03/11/08 20:25
PCB-1260	ND	0.233		mg/kg dry	0.214	109%	32 - 146	8031173	NRC0516-BL	03/11/08 20:25
Surrogate: Tetrachloro-meta-xylene		0.0218		mg/kg dry	0.0214	102%	15 - 150	8031173	NRC0516-BL	03/11/08 20:25
Surrogate: Decachlorobiphenyl		0.0248		mg/kg dry	0.0214	116%	10 - 150	8031173	NRC0516-BL	03/11/08 20:25
8031589-MS1										
PCB-1016	ND	0.180		mg/kg wet	0.164	110%	16 - 182	8031589	NRC0728-02	03/12/08 14:26
PCB-1260	0.315	0.281	M8	mg/kg wet	0.164	-21%	32 - 146	8031589	NRC0728-02	03/12/08 14:26
Surrogate: Tetrachloro-meta-xylene		0.0164		mg/kg wet	0.0164	100%	15 - 150	8031589	NRC0728-02	03/12/08 14:26
Surrogate: Decachlorobiphenyl		0.0187		mg/kg wet	0.0164	114%	10 - 150	8031589	NRC0728-02	03/12/08 14:26

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082												
8031032-MSD1												
PCB-1016	ND	0.272		mg/kg dry	0.208	131%	16 - 182	11	50	8031032	NRC0516-16	03/09/08 15:16
PCB-1260	ND	0.202		mg/kg dry	0.208	97%	32 - 146	10	50	8031032	NRC0516-16	03/09/08 15:16
Surrogate: Tetrachloro-meta-xylene		0.0208		mg/kg dry	0.0208	100%	15 - 150			8031032	NRC0516-16	03/09/08 15:16
Surrogate: Decachlorobiphenyl		0.0225		mg/kg dry	0.0208	108%	10 - 150			8031032	NRC0516-16	03/09/08 15:16
8031035-MSD1												
PCB-1016	ND	0.189		mg/kg dry	0.217	87%	16 - 182	8	50	8031035	NRC0516-17	03/10/08 02:49
PCB-1260	ND	0.241		mg/kg dry	0.217	111%	32 - 146	5	50	8031035	NRC0516-17	03/10/08 02:49
Surrogate: Tetrachloro-meta-xylene		0.0178		mg/kg dry	0.0217	82%	15 - 150			8031035	NRC0516-17	03/10/08 02:49
Surrogate: Decachlorobiphenyl		0.0282		mg/kg dry	0.0217	130%	10 - 150			8031035	NRC0516-17	03/10/08 02:49
8031048-MSD1												
PCB-1016	0.667	0.785		mg/kg dry	0.203	58%	16 - 182	24	50	8031048	NRC0516-95	03/13/08 04:43
PCB-1260	0.697	0.817		mg/kg dry	0.203	59%	32 - 146	8	50	8031048	NRC0516-95	03/13/08 04:43
Surrogate: Tetrachloro-meta-xylene		0.0155		mg/kg dry	0.0203	76%	15 - 150			8031048	NRC0516-95	03/13/08 04:43
Surrogate: Decachlorobiphenyl		0.0207		mg/kg dry	0.0203	102%	10 - 150			8031048	NRC0516-95	03/13/08 04:43
8031050-MSD1												
PCB-1016	ND	0.198		mg/kg dry	0.191	104%	16 - 182	12	50	8031050	NRC0516-97	03/14/08 05:32
PCB-1260	ND	0.179		mg/kg dry	0.191	94%	32 - 146	15	50	8031050	NRC0516-97	03/14/08 05:32
Surrogate: Tetrachloro-meta-xylene		0.0149		mg/kg dry	0.0191	78%	15 - 150			8031050	NRC0516-97	03/14/08 05:32
Surrogate: Decachlorobiphenyl		0.0187		mg/kg dry	0.0191	98%	10 - 150			8031050	NRC0516-97	03/14/08 05:32
8031051-MSD1												
PCB-1016	ND	0.193		mg/kg dry	0.210	92%	16 - 182	3	50	8031051	NRC0516-AS	03/14/08 17:05
PCB-1260	ND	0.236		mg/kg dry	0.210	112%	32 - 146	3	50	8031051	NRC0516-AS	03/14/08 17:05
Surrogate: Tetrachloro-meta-xylene		0.0181		mg/kg dry	0.0210	86%	15 - 150			8031051	NRC0516-AS	03/14/08 17:05
Surrogate: Decachlorobiphenyl		0.0231		mg/kg dry	0.0210	110%	10 - 150			8031051	NRC0516-AS	03/14/08 17:05
8031173-MSD1												
PCB-1016	ND	0.291		mg/kg dry	0.215	135%	16 - 182	7	50	8031173	NRC0516-BL	03/11/08 20:46
PCB-1260	ND	0.229		mg/kg dry	0.215	107%	32 - 146	2	50	8031173	NRC0516-BL	03/11/08 20:46
Surrogate: Tetrachloro-meta-xylene		0.0215		mg/kg dry	0.0215	100%	15 - 150			8031173	NRC0516-BL	03/11/08 20:46
Surrogate: Decachlorobiphenyl		0.0236		mg/kg dry	0.0215	110%	10 - 150			8031173	NRC0516-BL	03/11/08 20:46
8031589-MSD1												
PCB-1016	ND	0.190		mg/kg wet	0.163	117%	16 - 182	6	50	8031589	NRC0728-02	03/12/08 14:46
PCB-1260	0.315	0.344	M8	mg/kg wet	0.163	18%	32 - 146	20	50	8031589	NRC0728-02	03/12/08 14:46
Surrogate: Tetrachloro-meta-xylene		0.0173		mg/kg wet	0.0163	106%	15 - 150			8031589	NRC0728-02	03/12/08 14:46
Surrogate: Decachlorobiphenyl		0.0186		mg/kg wet	0.0163	114%	10 - 150			8031589	NRC0728-02	03/12/08 14:46

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Clien	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Illinois
SW846 8082	Soil	N/A	X	X
SW-846	Soil			

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SW-846	Soil	% Dry Solids

Client	ERM-North Central (3075)	Work Order:	NRC0516
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/07/08 08:00

DATA QUALIFIERS AND DEFINITIONS

M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
R1	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
Z5	Due to sample matrix effects, the surrogate recovery was outside acceptance limits. Secondary surrogate recovery was within the acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT

NRC0515

Cooler Received/Opened On_3/7/08 @ 08:00__

1. Tracking #__9210__(last 4 digits, FedEx)

Courier: __Fed-Ex__ IR Gun ID_A00466__

2. Temperature of rep. sample or temp blank when opened:__1.4__*Degrees Celsius*

3. If item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where:__(1) Front__

5. Were the seals intact, signed, and dated correctly? YES...NO...NA → signature + date

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #__1__

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

End of Form

[redacted]

Chain of Custody Record

NRC0516
03/14/08 23 59

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: ERM	Project Manager: Mr. Dan Wilkens	Date: 3/5/08	Chain of Custody Number: 061774
Address: 12755 OLIVE BLVD SUITE: 110	Telephone Number (Area Code)/Fax Number: (314) 682-3980 / (314) 682-3980	Lab Number	Page 1 of 14
City: ST. LOUIS; State: MO; Zip Code: 63141	Site Contact: Dan Wilkens	Lab Contact: Andi Jones	
Project Name and Location (State): COP - Roger cartage, IL	Carrier/Waybill Number: Hand Delivery to T.A. ST LOUIS LAB		
Contract/Purchase Order/Quote No.: 008024.01.xxxx			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		8082 PCBs	Solid % Dry Weight											Special Instructions/ Conditions of Receipt
SB-106 (0-2)	3/5/08	0943				X	1							X	X	01										SEE COMMENTS
SB-106 (2-4)		0944				X	1							X	X	02										
SB-106 (4-6)		0947				X	1							X	X	03										
SB-106 (6-8)		0948				X	1							X	X	04										
SB-106 (8-10)		0949				X	1							X	X	05										
SB-107 (0-2)		0958				X	1							X	X	06										
SB-107 (2-4)		1000				X	1							X	X	07										
SB-107 (4-6)		1002				X	1							X	X	08										
SB-107 (6-8)		1003				X	1							X	X	09										
SB-107 (8-10)		1007				X	1							X	X	10										
SB-107 (8-10) DUP		1007				X	1							X	X	11										
—	—	—																								

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: DJM	3/5/08	1530	1. Received By: [signature]	03.06.08	1530
2. Relinquished By: [signature]	03.06.08	1700	2. Received By		
3. Relinquished By			3. Received By: [signature]	3/6/08	800

Comments: PLEASE SHIP SAMPLES TO TESTAMERICA - NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

[redacted]

Chain of Custody Rec NRC0516
03/14/08 23 59

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client	Project Manager	Date	Chain of Custody Number
ERM	Mr. Dan Wilkens	3/5/08	061777

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page
12751 OLIVE BLVD SUITE: 110	(314) 682-3980 / (314) 682-3970		2 of 14

City	State	Zip Code	Site Contact	Lab Contact
ST. LOUIS	MO	63141	Dan Wilkens	Andi Jones

Project Name and Location (State)	Carrier/Waybill Number
008024.01.XXXX	Hand Delivery to TA. ST. Louis LAB

Contract/Purchase Order/Quote No.: COP - ROGER CARTAGE, IL

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8082 PCBs	Solid % Dry Weight		
SB-108 (0-2)	3/5/08	1017				X	1						X	X	12	SEE COMMENTS
SB-108 (2-4)		1020				X	1						X	X	13	
SB-108 (4-6)		1022				X	1						X	X	14	
SB-108 (6-8)		1025				X	1						X	X	15	
SB-108 (8-10)		1026				X	1						X	X	16	
SB-109 (0-2)		1033				X	1						X	X	17	
SB-109 (2-4)		1036				X	1						X	X	18	
SB-109 (4-6)		1041				X	1						X	X	19	
SB-109 (6-8)		1043				X	1						X	X	20	
SB-109 (8-10)		1045				X	1						X	X	21	
SB-109 (8-10) DUP		1045				X	1						X	X	22	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	3/6/08	1530	1. Received By [signature]	03.06-08	1530
2. Relinquished By [signature]	03.06.08	1700	2. Received By		
3. Relinquished By			3. Received By [signature]	03/07/08	0800

Comments: PLEASE SHIP SAMPLES TO TEST AMERICA - NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ERM	Mr. Dan Wilkens	3/5/08	061775

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page
12755 OLIVE BLVD SUITE: 110	(314) 682-3980 / (314) 682-3970		3 of ~~8~~ 14

City	State	Zip Code	Site Contact	Lab Contact
ST. LOUIS	MO	63141	Dan Wilkens	Andi Jones

Project Name and Location (State)	Carrier/Waybill Number
COP - Roger Cartage, IL	Hand Delivery to T.A. ST LOUIS LAB

Contract/Purchase Order/Quote No.: 008024.01.xxxx

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8082 PCBs	Solid % Weight		Special Instructions/ Conditions of Receipt
SB-110 (0-2)	3/5/08	1051				X	1						X	X	23	SEE COMMENTS
SB-110 (2-4)		1052				X	1						X	X	24	
SB-110 (4-6)		1055				X	1						X	X	25	
SB-110 (6-8)		1056				X	1						X	X	26	
SB-110 (8-10)		1058				X	1						X	X	27	
SB-111 (0-2)		1104				X	1						X	X	28	
SB-111 (2-4)		1106				X	1						X	X	29	
SB-111 (4-6)		1107				X	1						X	X	30	
SB-111 (6-8)		1108				X	1						X	X	31	
SB-111 (8-10)		1112				X	1						X	X	32	
SB-111 (8-10) DUP		1112				X	1						X	X	33	
—	—	—														

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	3/6/08	1530	1. Received By [signature]	03.06.08	1530
2. Relinquished By [signature]	03.06.08	1780	2. Received By		
3. Relinquished By			3. Received By [signature]	3/7/08	[illegible]

Comments: PLEASE SHIP SAMPLES TO TESTAMERICA - NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client: ERM	Project Manager: Mr. Dan Wilkens	Date: 3/5/08	Chain of Custody Number: 061776
Address: 12755 OLIVE BLVD SUITE: 110	Telephone Number (Area Code)/Fax Number: (314) 682-3980 / (314) 682-3970		Lab Number:
City: ST. LOUIS; State: MO; Zip Code: 63141	Site Contact: Dan Wilkens	Lab Contact: Andi Jones	Page 4 of 14
Project Name and Location (State): COP-ROGER CARTAGE, IL	Carrier/Waybill Number: Hand Delivery to T.A. ST. LOUIS LAB		
Contract/Purchase Order/Quote No.: 008024.01.xxxx			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8082 PCBs	Solids % Dry Weight		Special Instructions/ Conditions of Receipt
SB-112 (0-2)	3/5/08	1212				X	1						X	X	34	SEE COMMENTS
SB-112 (2-4)		1215				X	1						X	X	35	
SB-112 (4-6)		1218				X	1						X	X	36	
SB-112 (6-8)		1221				X	1						X	X	37	
SB-112 (8-10)		1226				X	1						X	X	38	
SB-113 (0-2)		1240				X	1						X	X	39	
SB-113 (2-4)		1241				X	1						X	X	40	
SB-113 (4-6)		1242				X	1						X	X	41	
SB-113 (6-8)		1244				X	1						X	X	42	
SB-113 (8-10)		1249				X	1						X	X	43	
SB-113 (8-10) DUP		1249				X	1						X	X	44	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/6/08	1530	1. Received By	03.06.08	1530
2. Relinquished By	03.06.08	1700	2. Received By		
3. Relinquished By			3. Received By	03/06/08	1800

Comments: PLEASE SHIP SAMPLES TO TEST AMERICA - NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: ERM	Project Manager: Mr. Dan Wilkens	Date: 3/5/08	Chain of Custody Number: 061780
Address: 12755 OLIVE BLVD SUITE 110	Telephone Number (Area Code)/Fax Number: (314) 682-3980 / (314) 682-3970	Lab Number	Page 5 of 14
City: ST. LOUIS; State: MO; Zip Code: 63141	Site Contact: Dan Wilkens	Lab Contact: Andi Jones	
Project Name and Location (State): COP - ROGER CARTAGE, IL	Carrier/Waybill Number: Hand Delivery to T.A. ST. LOUIS LAB		
Contract/Purchase Order/Quote No.: 008024.01.xxxx			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		8082 PCBs	Soil % Moisture		
SB-114 (0-2)	3/5/08	1254				X		1							X	X		45
SB-114 (2-4)		1256				X		1							X	X		46
SB-114 (4-6)		1258				X		1							X	X		47
SB-114 (6-8)		1300				X		1							X	X		48
SB-114 (8-10)		1304				X		1							X	X		49
SB-115 (0-2)		1313				X		1							X	X		50
SB-115 (2-4)		1314				X		1							X	X		51
SB-115 (4-6)		1320				X		1							X	X		52
SB-115 (6-8)		1321				X		1							X	X		53
SB-115 (8-10)		1323				X		1							X	X		54
SB-115 (8-10) DUP		1323				X		1							X	X		55

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt: SEE COMMENTS

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/6/08	1530	1. Received By	03.06.08	1530
2. Relinquished By	03.06.08	1700	2. Received By		
3. Relinquished By			3. Received By	3/7/08	800

Comments: PLEASE SHIP SAMPLES TO TESTAMERICA - NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ERM	Mr. Dan Wilkens	3/5/08	061778
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 6 of 14**
12755 OLIVE BLVD SUITE 110	(314) 682-3980 / (314) 682-3970		
City / State / Zip Code	**Site Contact / Lab Contact**		
ST. LOUIS / MO / 63141	Dan Wilkens / Andi Jones		
Project Name and Location (State)	**Carrier/Waybill Number**		
COP-ROGERS CARTAGE, IL	Hand Delivery to T.A. ST. LOUIS LAB		
Contract/Purchase Order/Quote No.			
008024.01.XXXX			

Analysis (Attach list if more space is needed): 8082 PCBs; Solid % Dry Weight

Special Instructions/ Conditions of Receipt: SEE COMMENTS

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8082 PCBs	Solid % Dry Weight		
SB-116 (0-2)	3/5/08	1330				X	1						X	X		56
SB-116 (2-4)		1332				X	1						X	X		57
SB-116 (4-6)		1334				X	1						X	X		58
SB-116 (6-8)		1336				X	1						X	X		59
SB-116 (8-10)		1338				X	1						X	X		60
SB-117 (0-2)		1409				X	1						X	X		61
SB-117 (2-4)		1411				X	1						X	X		62
SB-117 (4-6)		1415				X	1						X	X		63
SB-117 (6-8)		1418				X	1						X	X		64
SB-117 (8-10)		1421				X	1						X	X		65
~~SB-117 (10-~~ SB-117 (8-10) DUP		1421				X	1						X	X		66

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/6/08	1530	1. Received By	03.06.08	1530
2. Relinquished By	03.06.08	1750	2. Received By		
3. Relinquished By			3. Received By	3/07/08	800

Comments: PLEASE SHIP SAMPLES TO TESTAMERICA - NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

[redacted]

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ERM	Mr. Dan Wilkens	3/5/08	061779

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page
12755 OLIVE BLVD SUITE: 110	(314) 682-3980 / (314) 682-3970		7 of 14

City	State	Zip Code	Site Contact	Lab Contact
ST. LOUIS	MO	63141	Dan Wilkens	

Project Name and Location (State)	Carrier/Waybill Number
COP - ROGER CARTAGE, IL	Hand Delivery to T.A. ST LOUIS LAB

Contract/Purchase Order/Quote No.: 008024.01.xxxx

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8082 PCBs	Solid % Dry Weight		Special Instructions/ Conditions of Receipt
SB-118 (0-2)	3/5/08	1444				X	1						X	X	67	SEE COMMENTS
SB-118 (2-4)		1446				X	1						X	X	68	
SB-118 (4-6)		1447				X	1						X	X	69	
SB-119 (0-2)		1500				X	1						X	X	70	
SB-119 (2-4)		1501				X	1						X	X	71	
SB-119 (4-6)		1507				X	1						X	X	72	
SB-119 (6-8)		1510				X	1						X	X	73	
SB-119 (8-10)		1512				X	1						X	X	74	
SB-119 (8-10) DUP		1512				X	1						X	X	75	
—	—															
—	—															
—	—															

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	3/6/08	1530	1. Received By [signature]	03.06.08	1530
2. Relinquished By [signature]	03.06.08	1780	2. Received By		
3. Relinquished By			3. Received By [signature]	3/7/08	800

Comments: PLEASE SHIP SAMPLES TO TESTAMERICA - NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

4124 (0907)

Client	Project Manager	Date	Chain of Custody Number
ERM	Mr. Dan Wilkens	3/5/08	410250
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 8 of 14**
12855 OLIVE BLVD SUITE:110	(314) 682-3980 / (314) 682-3970		

City	State	Zip Code	Site Contact	Lab Contact
ST. LOUIS	MO	63141	Dan Wilkens	Andi Jones

Project Name and Location (State): COP - ROGER CARTAGE, IL

Carrier/Waybill Number: Hand Delivery to TA. ST. LOUIS LAB

Contract/Purchase Order/Quote No.: 008024.01.xxxx

Analysis (Attach list if more space is needed): 8082 PCBs; Solids % Moisture

Special Instructions/ Conditions of Receipt: SEE COMMENTS

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	8082 PCBs	Solids % Moisture		
SB-120 (0-2)	3/5/08	1518				X	1						X	X	76	
SB-120 (2-4)		1520				X	1						X	X	77	
SB-120 (4-6)		1522				X	1						X	X	78	
SB-120 (6-8)		1524				X	1						X	X	79	
SB-120 (8-10)		1532				X	1						X	X	80	
~~SB-120~~ SB-121 (0-2)		1540				X	1						X	X	81	
SB-121 (2-4)		1541				X	1						X	X	82	
SB-121 (4-6)		1542				X	1						X	X	83	
SB-121 (6-8)		1544				X	1						X	X	84	
SB-121 (8-10)		1547				X	1						X	X	85	
SB-121 (8-10) DUP		1547				X	1						X	X	86	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/6/08	1530	1. Received By	03.06.08	1530
2. Relinquished By	03.06.08	1700	2. Received By		
3. Relinquished By			3. Received By	3/7/08	800

Comments: PLEASE SHIP SAMPLES TO TEST AMERICA - NASHVILLE LABORATORY FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: ERM-North Central (3075)
Address: 12755 Olive Blvd , Suite 110
City, State, Zip: St. Louis MO 63141
Client Invoice Contact: Dan Wilkens
Client Project Mgr: Dan Wilkens
Client Telephone#: (314) 682-3980 Fax: No Fax
Sampler Name (Print): DAN WILKINS
SamplerSignature:

TA Account #: 8011 PO #:
Invoice to: ERM-North Central (3075)
Report to: Dan Wilkens
Project Name: Conoco-Phillips PCB Project
Facility ID: Conoco-Phillips PCB Project
Site Address: Yes
City,State,Zip: CAHOKIA, Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	Solids Percent Dry Weight			RUSH TAT (Pre Schedule) *
SB-122 (0-2')	03/06/08	0918	1	X										X					X		X	X	8807		
SB-122 (2-4')		0921	1	X										X					X		X	X	8808		
SB-122 (4-6')		0922	1	X										X					X		X	X	8809		
SB-122 (6-8')		0924	1	X										X					X		X	X	8810		
SB-122 (8-10')		0925	1	X										X					X		X	X	8811		
SB-123 (0-2')		0944	1	X										X					X		X	X	8812		
SB-123 (2-4')		0947	1	X										X					X		X	X	8813		
SB-123 (4-6')		0948	1	X										X					X		X	X	8814		
SB-123 (6-8')		0950	1	X										X					X		X	X	8815		
SB-123 (8-10)		0951	1	X										X					X		X	X	8816		

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 9246

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
	03/06/08	1530		03.06.08	1530		03.06.08	1750

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
Received for TestAmerica by: Date: 3/6/08 Time: 800	Temperature Upon Receipt: 1.4 Sample Containers Intact? Y N VOCs Free of Headspace? Y N	Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

3/7/08

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: ERM-North Central (3075)
Address: 12755 Olive Blvd , Suite 110
City, State, Zip: St. Louis MO 63141
Client Invoice Contact: Dan Wilkens
Client Project Mgr: Dan Wilkens
Client Telephone#: (314) 682-3980 Fax: No Fax
Sampler Name (Print) DAN WILKENS
SamplerSignature:

TA Account #: 8011 PO #:
Invoice to: ERM-North Central (3075)
Report to: Dan Wilkens
Project Name: Conoco-Phillips PCB Project
Facility ID: Conoco-Phillips PCB Project
Site Address: Yes
City,State,Zip: CAHOKIA Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	Solids Percent Dry Weight												RUSH TAT (Pre Schedule) *
SB-123 (8-10') DUP	3/6/08	0951	1	X										X					X		X	X		97											
SB-124 (0-2')		0956	1	X										X					X		X	X		98											
SB-124 (2-4')		0958	1	X										X					X		X	X		99											
SB-124 (4-6')		0959	1	X										X					X		X	X		100		AA									
SB-124 (6-8)		1000	1	X										X					X		X	X		101		AB									
SB-124 (8-10')		1001	1	X										X					X		X	X		102		AC									
SB-125 (0-2')		1008	1	X										X					X		X	X		103		AD									
SB-126 (0-2')		1016	1	X										X					X		X	X		104		AE									
SB-126 (2-4')		1019	1	X										X					X		X	X		105		AF									
SB-126 (4-6')		1021	1	X										X					X		X	X		106		AG									

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 9246

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
	3/6/08	1530		03.06.08	1530		03.08.06	1700

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One) : Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	Date Due of Report:
Received for TestAmerica by: Date: 3/7/08 Time: 800	Temperature Upon Receipt: 1.4 Sample Containers Intact? Y N VOCs Free of Headspace? Y N		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: ERM-North Central (3075)
Address: 12755 Olive Blvd , Suite 110
City, State, Zip: St. Louis MO 63141
Client Invoice Contact: Dan Wilkens
Client Project Mgr: Dan Wilkens
Client Telephone#: (314) 682-3980 Fax: No Fax
Sampler Name (Print) DAN WILKENS
SamplerSignature:

TA Account #: 8011 PO #:
Invoice to: ERM-North Central (3075)
Report to: Dan Wilkens
Project Name: Conoco-Phillips PCB Project
Facility ID: Conoco-Phillips PCB Project
Site Address: Yes
City,State,Zip: CAHOKIA Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	Solids Percent Dry Weight														RUSH TAT (Pre Schedule) *
SB-126 (6-8')	3/6/08	1023	1	X										X					X		X	X			107			AH								
SB-126 (8-10')		1026	1	X										X					X		X	X			108			AI								
SB-126 (8-10') DUP		1026	1	X										X					X		X	X			109			AJ								
SB-127 (0-2')		1035	1	X										X					X		X	X			110			AK								
SB-127 (2-4')		1037	1	X										X					X		X	X			111			AL								
SB-127 (4-6')		1038	1	X										X					X		X	X			112			AM								
SB-127 (6-8')		1040	1	X										X					X		X	X			113			AN								
SB-127 (8-10')		1043	1	X										X					X		X	X			114			AO								
SB-128 (0-2')		1055	1	X										X					X		X	X			115			AP								
SB-128 (2-4')		1056	1	X										X					X		X	X			116			AQ								

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 9246

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
	3/6/08	1530		03.06.08	1530		03.08.08	1200

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
Received for TestAmerica by: / Date: 3/7/08 / Time: 800	Temperature Upon Receipt: .4 / Sample Containers Intact? Y N / VOCs Free of Headspace? Y N	Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: ERM-North Central (3075)
Address: 12755 Olive Blvd , Suite 110
City, State, Zip: St. Louis MO 63141
Client Invoice Contact: Dan Wilkens
Client Project Mgr: Dan Wilkens
Client Telephone#: (314) 682-3980 Fax: No Fax
Sampler Name (Print) DAN WILKENS
SamplerSignature: [signature]

TA Account #: 8011 PO #:
Invoice to: ERM-North Central (3075)
Report to: Dan Wilkens
Project Name: Conoco-Phillips PCB Project
Facility ID: Conoco-Phillips PCB Project
Site Address: Yes
City,State,Zip: CAHOKIA Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	Solids Percent Dry Weight													RUSH TAT (Pre Schedule)
SB-128 (4-6)	3/6/08	1058	1	X										X					X		X	X			117						A	R				
SB-128 (6-8')		1059	1	X										X					X		X	X			118						A	S				
SB-128 (8-10')		1104	1	X										X					X		X	X			119						A	T				
SB-128 (8-10') DUP		1104	1	X										X					X		X	X			120						A	U				
SB-129 (0-2')		1109	1	X										X					X		X	X			~~221~~ BW 3/7/08						121					X
SB-129 (2-4')		1111	1	X										X					X		X	X			122						A	W				
SB-129 (4-6')		1112	1	X										X					X		X	X			123						A	X				
SB-129 (6-8')		1113	1	X										X					X		X	X			124						A	Y				
SB-129 (8-10')		1117	1	X										X					X		X	X			125						A	Z				
SB-130 (0-2')		1124	1	X										X					X		X	X			126						B	A				

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 9246

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
[signature]	3/6/08	1530	[signature]	03.06.08	1530	[signature]	03.06.08	1710

Shipped Via:			Shipped Via:		QC Deliverables (Please Circle One):	Date Due of Report:
Received for TestAmerica by: [signature]	Date: 3/7/08	Time: 800	Temperature Upon Receipt: 1.4	Sample Containers Intact? Y N VOCs Free of Headspace? Y N	Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: ERM-North Central (3075)
Address: 12755 Olive Blvd , Suite 110
City, State, Zip: St. Louis MO 63141
Client Invoice Contact: Dan Wilkens
Client Project Mgr: Dan Wilkens
Client Telephone#: (314) 682-3980 Fax: No Fax
Sampler Name (Print) DAN WILKENS
SamplerSignature:

TA Account #: 8011 PO #:
Invoice to: ERM-North Central (3075)
Report to: Dan Wilkens
Project Name: Conoco-Phillips PCB Project
Facility ID: Conoco-Phillips PCB Project
Site Address: Yes
City,State,Zip: CAHOKIA Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	Solids Percent Dry Weight															RUSH TAT (Pre Schedule) *
SB-130 (2-4')	3/6/08	1126	1	X										X					X		X	X			127		B	B									
SB-130 (4-6')		1128	1	X										X					X		X	X			128		B	C									
SB-130 (6-8')		1130	1	X										X					X		X	X			129		B	D									
SB-130 (8-10')		1132	1	X										X					X		X	X			130		B	E									
SB-130 (8-10') DUP		1132	1	X										X					X		X	X			131		B	F									
SB-131 (0-2')		1139	1	X										X					X		X	X			132		B	G									
SB-131 (2-4')		1141	1	X										X					X		X	X			133		B	H									
SB-131 (4-6')		1143	1	X										X					X		X	X			134		B	I									
SB-131 (6-8')		1144	1	X										X					X		X	X			135		B	J									
SB-131 (8-10')		1146	1	X										X					X		X	X			136		B	K									

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 9246

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
	3/6/08	1530		03.06.08	1530		03.06.08	1700

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
Received for TestAmerica by: / Date: / Time:	Temperature Upon Receipt: 1.0 C; Sample Containers Intact? Y N; VOCs Free of Headspace? Y N	Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: ERM-North Central (3075)
Address: 12755 Olive Blvd , Suite 110
City, State, Zip: St. Louis MO 63141
Client Invoice Contact: Dan Wilkens
Client Project Mgr: Dan Wilkens
Client Telephone#: (314) 682-3980 Fax: No Fax
Sampler Name (Print): DAN WILKENS
SamplerSignature:

TA Account #: 8011 PO #:
Invoice to: ERM-North Central (3075)
Report to: Dan Wilkens
Project Name: Conoco-Phillips PCB Project
Facility ID: Conoco-Phillips PCB Project
Site Address: Yes
City,State,Zip: CAHOKIA Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	Solids Percent Dry Weight													RUSH TAT (Pre Schedule) *
SB-131 (8-10') DUP	3/6/08	1146	1	X										X					X		X	X			137		BC								
—	—	—																																	
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COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 9246

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
	3/6/08	1530		03.06.08	1530		03.08.06	1780

Shipped Via:	Received for TestAmerica by:	Date:	Time:	Shipped Via:	Temperature Upon Receipt: 1.6	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N	QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	Date Due of Report:
		3/7/08	800						

TestAmerica
ANALYTICAL TESTING CORPORATION

NASHVILLE ALERT FORM FOR SAMPLE LOGIN

This form is to be emailed only to the appropriate parties. The email will serve as the document control of the date and time received/sent.

ALERT INFORMATION

Project TAT **DAY** **Documentation Level: II III IV**

Client Name:	**ERM North Central (3075)**
Client Number:	
Project Name:	**Conoco-Phillips**
Project Number:	
Date to receive cooler:	**3-7-08**
How many samples are there?	**~100**
Matrix?	**Soils**
What tests will be on the COC?	**PCBs, Dry weight**
Will a copy of the COC be faxed?	YES or **NO** Please highlight or circle the appropriate answer.
Is this Project TAT Pre-Approved?	**YES** or NO Please highlight/circle the appropriate answer. Login, for pre-approved projects, please answer demographic "Approved Rush (YES)?" (60271) for every sample

PURPOSE OF THIS ALERT:

Heads up for incoming project: 5 day turn.

Or

Project changes prior to sample login:

LOGIN: REMEMBER TO ALWAYS PRINT CLIENT NOTES, WHEN APPLICABLE.

Project Manager & Extension:

End of Form

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

NRC0516

03/14/08 23.59

Cooler Received/Opened On_3/7/08 @ 08:00__

1. Tracking #_3775_____(last 4 digits, FedEx)

Courier: ___Fed-Ex___ IR Gun ID_A00466__

2. Temperature of rep. sample or temp blank when opened:_1.9_____*Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where:_(1) Front_____

5. Were the seals intact, signed, and dated correctly? YES...NO...NA → signature or date

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_2_

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. *Did the bottle labels indicate that the correct preservatives were used* YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

SAME AS 9210

BIS = Broken in shipment

Cooler Receipt Form.doc

LF-1

End of Form

Revised 9/6/07

TestAmerica

Nashville, TN

NRC0516
03/14/08 23:59

COOLER RECEIPT FORM

Cooler Received/Opened On 3.7.08 @ 0800

1. Tracking # 8829 (last 4 digits, FedEx)

Courier: **FedEx** IR Gun ID **643140**

2. Temperature of rep. sample or temp blank when opened: 0.2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: —

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) _____

7. Were custody seals on containers: YES NO and intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 3

I certify that I unloaded the cooler and answered questions 7-14 (initial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) _____

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

SAME AS 9210

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 9/6/07

Test America
Nashville, TN

COOLER RECEIPT FORM

NRC0516
03/14/08 23:59

Cooler Received/Opened On 3/7/08 @ 8:00

1. Tracking # 2807 (last 4 digits, FedEx)

   Fed-Ex IR Gun ID:92171982

2. Temperature of rep. sample or temp blank when opened: 3.2 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: _____

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 4

I certify that I unloaded the cooler and answered questions 7-14 (intial) Aam

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

SAME AS 9210

BIS - Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

April 04, 2008 1:53:21PM

Client: ERM-North Central (3075)
12755 Olive Blvd , Suite 110
St. Louis, MO 63141
Attr: Dan Wilkens

Work Order: NRC2478
Project Name: Conoco-Phillips PCB Project
Project Nbr: Conoco-Phillips PCB Project
P/O Nbr:
Date Received: 03/28/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SB-132 (0-2)	NRC2478-01	03/27/08 09:57
SB-132 (2-4)	NRC2478-02	03/27/08 09:59
SB-132 (4-6)	NRC2478-03	03/27/08 10:03
SB-132 (6-8)	NRC2478-04	03/27/08 10:04
SB-132 (8-10)	NRC2478-05	03/27/08 10:05
SB-133 (0-2)	NRC2478-06	03/27/08 10:09
SB-133 (2-4)	NRC2478-07	03/27/08 10:10
SB-133 (4-6)	NRC2478-08	03/27/08 10:12
SB-133 (6-8)	NRC2478-09	03/27/08 10:15
SB-133 (8-10)	NRC2478-10	03/27/08 10:17
SB-133 (8-10) DUP	NRC2478-11	03/27/08 10:17
SB-134 (0-2)	NRC2478-12	03/27/08 10:29
SB-134 (2-4)	NRC2478-13	03/27/08 10:31
SB-134 (4-6)	NRC2478-14	03/27/08 10:34
SB-134 (6-8)	NRC2478-15	03/27/08 10:37
SB-134 (8-9)	NRC2478-16	03/27/08 10:38
SB-135 (0-2)	NRC2478-17	03/27/08 11:11
SB-135 (2-4)	NRC2478-18	03/27/08 11:13
SB-135 (4-6)	NRC2478-19	03/27/08 11:15
SB-135 (6-8)	NRC2478-20	03/27/08 11:17
SB-135 (8-10)	NRC2478-21	03/27/08 11:22
SB-135 (8-10) DUP	NRC2478-22	03/27/08 11:22
SB-136 (0-2)	NRC2478-23	03/27/08 11:34
SB-136 (2-4)	NRC2478-24	03/27/08 11:35
SB-136 (4-6)	NRC2478-25	03/27/08 11:39
SB-136 (6-8)	NRC2478-26	03/27/08 11:43

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

SB-136 (8-10)	NRC2478-27	03/27/08 11:45
SB-137 (0-2)	NRC2478-28	03/27/08 11:52
SB-137 (2-4)	NRC2478-29	03/27/08 11:54
SB-137 (4-6)	NRC2478-30	03/27/08 12:00
SB-137 (6-8)	NRC2478-31	03/27/08 12:03
SB-137 (8-10)	NRC2478-32	03/27/08 12:05
SB-137 (8-10) Dup	NRC2478-33	03/27/08 12:05
SB-138 (0-2)	NRC2478-34	03/27/08 13:10
SB-138 (2-4)	NRC2478-35	03/27/08 13:13
SB-138 (4-6)	NRC2478-36	03/27/08 13:15
SB-138 (6-8)	NRC2478-37	03/27/08 13:17
SB-139 (0-2)	NRC2478-38	03/27/08 13:25
SB-139 (2-4)	NRC2478-39	03/27/08 13:29
SB-139 (4-6)	NRC2478-40	03/27/08 13:30
SB-139 (6-8)	NRC2478-41	03/27/08 13:32
SB-139 (8-10)	NRC2478-42	03/27/08 13:35
SB-139 (8-10) DUP	NRC2478-43	03/27/08 13:35
SB-140 (10-12)	NRC2478-44	03/27/08 13:57
SB-140 (12-14)	NRC2478-45	03/27/08 13:59
SB-140 (14-16)	NRC2478-46	03/27/08 14:02
SB-140 (14-16) DUP	NRC2478-47	03/27/08 14:02

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Illinois Certification Number: 001915
The Chain(s) of Custody, 6 pages, are included and are an integral part of this report.

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

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Andi R. Jones

Andi Jones

Project Management

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client:	ERM-North Central (3075) 12755 Olive Blvd , Suite 110 St. Louis, MO 63141	Work Order:	NRC2478
		Project Name:	Conoco-Phillips PCB Project
		Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-01 (SB-132 (0-2) - Soil) Sampled: 03/27/08 09:57								
General Chemistry Parameters								
% Dry Solids	**74.4**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0436	1	03/31/08 21:35	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0436	1	03/31/08 21:35	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0436	1	03/31/08 21:35	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.0436	1	03/31/08 21:35	SW846 8082	8034553
PCB-1248	ND		mg/kg dry	0.0436	1	03/31/08 21:35	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0436	1	03/31/08 21:35	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0436	1	03/31/08 21:35	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*72 %*					*03/31/08 21:35*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*62 %*					*03/31/08 21:35*	*SW846 8082*	*8034553*
Sample ID: NRC2478-02 (SB-132 (2-4) - Soil) Sampled: 03/27/08 09:59								
General Chemistry Parameters								
% Dry Solids	**76.6**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0428	1	03/31/08 21:55	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0428	1	03/31/08 21:55	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0428	1	03/31/08 21:55	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.0428	1	03/31/08 21:55	SW846 8082	8034553
PCB-1248	ND		mg/kg dry	0.0428	1	03/31/08 21:55	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0428	1	03/31/08 21:55	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0428	1	03/31/08 21:55	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*03/31/08 21:55*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*66 %*					*03/31/08 21:55*	*SW846 8082*	*8034553*
Sample ID: NRC2478-03 (SB-132 (4-6) - Soil) Sampled: 03/27/08 10:03								
General Chemistry Parameters								
% Dry Solids	**72.7**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0454	1	03/31/08 22:16	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0454	1	03/31/08 22:16	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0454	1	03/31/08 22:16	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.0454	1	03/31/08 22:16	SW846 8082	8034553
PCB-1248	**0.0659**		mg/kg dry	0.0454	1	03/31/08 22:16	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0454	1	03/31/08 22:16	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0454	1	03/31/08 22:16	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*03/31/08 22:16*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*48 %*					*03/31/08 22:16*	*SW846 8082*	*8034553*

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-04 (SB-132 (6-8) - Soil) Sampled: 03/27/08 10:04								
General Chemistry Parameters								
% Dry Solids	**72.9**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0456	1	03/31/08 22:36	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0456	1	03/31/08 22:36	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0456	1	03/31/08 22:36	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.0456	1	03/31/08 22:36	SW846 8082	8034553
PCB-1248	ND		mg/kg dry	0.0456	1	03/31/08 22:36	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0456	1	03/31/08 22:36	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0456	1	03/31/08 22:36	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*66 %*					*03/31/08 22:36*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*58 %*					*03/31/08 22:36*	*SW846 8082*	*8034553*
Sample ID: NRC2478-05 (SB-132 (8-10) - Soil) Sampled: 03/27/08 10:05								
General Chemistry Parameters								
% Dry Solids	**77.2**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0427	1	03/31/08 22:57	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0427	1	03/31/08 22:57	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0427	1	03/31/08 22:57	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.0427	1	03/31/08 22:57	SW846 8082	8034553
PCB-1248	ND		mg/kg dry	0.0427	1	03/31/08 22:57	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0427	1	03/31/08 22:57	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0427	1	03/31/08 22:57	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*82 %*					*03/31/08 22:57*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*58 %*					*03/31/08 22:57*	*SW846 8082*	*8034553*
Sample ID: NRC2478-06 (SB-133 (0-2) - Soil) Sampled: 03/27/08 10:09								
General Chemistry Parameters								
% Dry Solids	**76.9**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.433	10	04/01/08 15:36	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.433	10	04/01/08 15:36	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.433	10	04/01/08 15:36	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.433	10	04/01/08 15:36	SW846 8082	8034553
PCB-1248	**3.14**		mg/kg dry	0.433	10	04/01/08 15:36	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.433	10	04/01/08 15:36	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.433	10	04/01/08 15:36	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 15:36*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 15:36*	*SW846 8082*	*8034553*
Sample ID: NRC2478-07 (SB-133 (2-4) - Soil) Sampled: 03/27/08 10:10								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-07 (SB-133 (2-4) - Soil) - cont. Sampled: 03/27/08 10:10								
General Chemistry Parameters - cont.								
% Dry Solids	**77.3**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0424	1	03/31/08 23:37	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0424	1	03/31/08 23:37	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0424	1	03/31/08 23:37	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.0424	1	03/31/08 23:37	SW846 8082	8034553
PCB-1248	**0.890**		mg/kg dry	0.0424	1	03/31/08 23:37	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0424	1	03/31/08 23:37	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0424	1	03/31/08 23:37	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*03/31/08 23:37*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*60 %*					*03/31/08 23:37*	*SW846 8082*	*8034553*
Sample ID: NRC2478-08 (SB-133 (4-6) - Soil) Sampled: 03/27/08 10:12								
General Chemistry Parameters								
% Dry Solids	**77.2**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.427	10	04/01/08 15:57	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.427	10	04/01/08 15:57	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.427	10	04/01/08 15:57	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.427	10	04/01/08 15:57	SW846 8082	8034553
PCB-1248	**1.94**		mg/kg dry	0.427	10	04/01/08 15:57	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.427	10	04/01/08 15:57	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.427	10	04/01/08 15:57	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 15:57*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 15:57*	*SW846 8082*	*8034553*
Sample ID: NRC2478-09 (SB-133 (6-8) - Soil) Sampled: 03/27/08 10:15								
General Chemistry Parameters								
% Dry Solids	**74.2**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0444	1	04/01/08 00:59	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0444	1	04/01/08 00:59	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0444	1	04/01/08 00:59	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.0444	1	04/01/08 00:59	SW846 8082	8034553
PCB-1248	ND		mg/kg dry	0.0444	1	04/01/08 00:59	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0444	1	04/01/08 00:59	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0444	1	04/01/08 00:59	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*68 %*					*04/01/08 00:59*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*62 %*					*04/01/08 00:59*	*SW846 8082*	*8034553*

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-10 (SB-133 (8-10) - Soil) Sampled: 03/27/08 10:17								
General Chemistry Parameters								
% Dry Solids	**80.2**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0409	1	04/01/08 01:19	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0409	1	04/01/08 01:19	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0409	1	04/01/08 01:19	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.0409	1	04/01/08 01:19	SW846 8082	8034553
PCB-1248	ND		mg/kg dry	0.0409	1	04/01/08 01:19	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0409	1	04/01/08 01:19	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0409	1	04/01/08 01:19	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*100 %*					*04/01/08 01:19*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*68 %*					*04/01/08 01:19*	*SW846 8082*	*8034553*
Sample ID: NRC2478-11 (SB-133 (8-10) DUP - Soil) Sampled: 03/27/08 10:17								
General Chemistry Parameters								
% Dry Solids	**92.0**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0358	1	04/01/08 01:40	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0358	1	04/01/08 01:40	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0358	1	04/01/08 01:40	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.0358	1	04/01/08 01:40	SW846 8082	8034553
PCB-1248	ND		mg/kg dry	0.0358	1	04/01/08 01:40	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0358	1	04/01/08 01:40	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0358	1	04/01/08 01:40	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*70 %*					*04/01/08 01:40*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*64 %*					*04/01/08 01:40*	*SW846 8082*	*8034553*
Sample ID: NRC2478-12 (SB-134 (0-2) - Soil) Sampled: 03/27/08 10:29								
General Chemistry Parameters								
% Dry Solids	**77.6**		%	0.500	1	04/03/08 10:45	SW-846	8040119
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.839	20	04/01/08 16:17	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.839	20	04/01/08 16:17	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.839	20	04/01/08 16:17	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.839	20	04/01/08 16:17	SW846 8082	8034553
PCB-1248	**4.18**		mg/kg dry	0.839	20	04/01/08 16:17	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.839	20	04/01/08 16:17	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.839	20	04/01/08 16:17	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 16:17*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 16:17*	*SW846 8082*	*8034553*
Sample ID: NRC2478-13 (SB-134 (2-4) - Soil) Sampled: 03/27/08 10:31								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-13 (SB-134 (2-4) - Soil) - cont. Sampled: 03/27/08 10:31								
General Chemistry Parameters - cont.								
% Dry Solids	**78.7**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.13	100	04/01/08 17:18	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	4.13	100	04/01/08 17:18	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	4.13	100	04/01/08 17:18	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	4.13	100	04/01/08 17:18	SW846 8082	8034553
PCB-1248	**103**		mg/kg dry	4.13	100	04/01/08 17:18	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	4.13	100	04/01/08 17:18	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	4.13	100	04/01/08 17:18	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 17:18*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 17:18*	*SW846 8082*	*8034553*
Sample ID: NRC2478-14 (SB-134 (4-6) - Soil) Sampled: 03/27/08 10:34								
General Chemistry Parameters								
% Dry Solids	**72.9**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.24	50	04/01/08 16:37	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	2.24	50	04/01/08 16:37	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	2.24	50	04/01/08 16:37	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	2.24	50	04/01/08 16:37	SW846 8082	8034553
PCB-1248	**16.6**		mg/kg dry	2.24	50	04/01/08 16:37	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	2.24	50	04/01/08 16:37	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	2.24	50	04/01/08 16:37	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 16:37*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 16:37*	*SW846 8082*	*8034553*
Sample ID: NRC2478-15 (SB-134 (6-8) - Soil) Sampled: 03/27/08 10:37								
General Chemistry Parameters								
% Dry Solids	**72.5**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0448	1	04/01/08 03:01	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0448	1	04/01/08 03:01	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0448	1	04/01/08 03:01	SW846 8082	8034553
PCB-1242	ND	M1	mg/kg dry	0.0448	1	04/01/08 03:01	SW846 8082	8034553
PCB-1248	**0.300**		mg/kg dry	0.0448	1	04/01/08 03:01	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0448	1	04/01/08 03:01	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0448	1	04/01/08 03:01	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*88 %*					*04/01/08 03:01*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*60 %*					*04/01/08 03:01*	*SW846 8082*	*8034553*

Client:	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn:	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-16 (SB-134 (8-9) - Soil) Sampled: 03/27/08 10:38								
General Chemistry Parameters								
% Dry Solids	**80.9**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	2.02	50	04/01/08 16:58	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	2.02	50	04/01/08 16:58	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	2.02	50	04/01/08 16:58	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	2.02	50	04/01/08 16:58	SW846 8082	8034553
PCB-1248	**7.20**		mg/kg dry	2.02	50	04/01/08 16:58	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	2.02	50	04/01/08 16:58	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	2.02	50	04/01/08 16:58	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 16:58*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 16:58*	*SW846 8082*	*8034553*
Sample ID: NRC2478-17 (SB-135 (0-2) - Soil) Sampled: 03/27/08 11:11								
General Chemistry Parameters								
% Dry Solids	**84.4**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	19.4	500	04/02/08 09:37	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	19.4	500	04/02/08 09:37	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	19.4	500	04/02/08 09:37	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	19.4	500	04/02/08 09:37	SW846 8082	8034553
PCB-1248	**226**		mg/kg dry	19.4	500	04/02/08 09:37	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	19.4	500	04/02/08 09:37	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	19.4	500	04/02/08 09:37	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/02/08 09:37*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/02/08 09:37*	*SW846 8082*	*8034553*
Sample ID: NRC2478-18 (SB-135 (2-4) - Soil) Sampled: 03/27/08 11:13								
General Chemistry Parameters								
% Dry Solids	**75.5**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.31	100	04/01/08 17:59	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	4.31	100	04/01/08 17:59	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	4.31	100	04/01/08 17:59	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	4.31	100	04/01/08 17:59	SW846 8082	8034553
PCB-1248	**14.6**		mg/kg dry	4.31	100	04/01/08 17:59	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	4.31	100	04/01/08 17:59	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	4.31	100	04/01/08 17:59	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 17:59*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 17:59*	*SW846 8082*	*8034553*
Sample ID: NRC2478-19 (SB-135 (4-6) - Soil) Sampled: 03/27/08 11:15								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-19 (SB-135 (4-6) - Soil) - cont. Sampled: 03/27/08 11:15								
General Chemistry Parameters - cont.								
% Dry Solids	**76.5**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.211	5	04/01/08 15:16	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.211	5	04/01/08 15:16	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.211	5	04/01/08 15:16	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.211	5	04/01/08 15:16	SW846 8082	8034553
PCB-1248	**1.77**		mg/kg dry	0.211	5	04/01/08 15:16	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.211	5	04/01/08 15:16	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.211	5	04/01/08 15:16	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*60 %*					*04/01/08 15:16*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*50 %*					*04/01/08 15:16*	*SW846 8082*	*8034553*
Sample ID: NRC2478-20 (SB-135 (6-8) - Soil) Sampled: 03/27/08 11:17								
General Chemistry Parameters								
% Dry Solids	**74.2**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0439	1	04/01/08 04:43	SW846 8082	8034553
PCB-1221	ND		mg/kg dry	0.0439	1	04/01/08 04:43	SW846 8082	8034553
PCB-1232	ND		mg/kg dry	0.0439	1	04/01/08 04:43	SW846 8082	8034553
PCB-1242	ND		mg/kg dry	0.0439	1	04/01/08 04:43	SW846 8082	8034553
PCB-1248	**0.440**		mg/kg dry	0.0439	1	04/01/08 04:43	SW846 8082	8034553
PCB-1254	ND		mg/kg dry	0.0439	1	04/01/08 04:43	SW846 8082	8034553
PCB-1260	ND		mg/kg dry	0.0439	1	04/01/08 04:43	SW846 8082	8034553
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*04/01/08 04:43*	*SW846 8082*	*8034553*
Surr: Decachlorobiphenyl (10-150%)	*64 %*					*04/01/08 04:43*	*SW846 8082*	*8034553*
Sample ID: NRC2478-21 (SB-135 (8-10) - Soil) Sampled: 03/27/08 11:22								
General Chemistry Parameters								
% Dry Solids	**76.9**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0426	1	04/01/08 07:06	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	0.0426	1	04/01/08 07:06	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	0.0426	1	04/01/08 07:06	SW846 8082	8034554
PCB-1242	ND	M1	mg/kg dry	0.0426	1	04/01/08 07:06	SW846 8082	8034554
PCB-1248	**0.203**		mg/kg dry	0.0426	1	04/01/08 07:06	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	0.0426	1	04/01/08 07:06	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	0.0426	1	04/01/08 07:06	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*104 %*					*04/01/08 07:06*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*54 %*					*04/01/08 07:06*	*SW846 8082*	*8034554*

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd, Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-22 (SB-135 (8-10) DUP - Soil) Sampled: 03/27/08 11:22								
General Chemistry Parameters								
% Dry Solids	**80.7**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0400	1	04/01/08 07:27	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	0.0400	1	04/01/08 07:27	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	0.0400	1	04/01/08 07:27	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	0.0400	1	04/01/08 07:27	SW846 8082	8034554
PCB-1248	**0.336**		mg/kg dry	0.0400	1	04/01/08 07:27	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	0.0400	1	04/01/08 07:27	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	0.0400	1	04/01/08 07:27	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*76 %*					*04/01/08 07:27*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*54 %*					*04/01/08 07:27*	*SW846 8082*	*8034554*
Sample ID: NRC2478-23 (SB-136 (0-2) - Soil) Sampled: 03/27/08 11:34								
General Chemistry Parameters								
% Dry Solids	**79.4**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.15	100	04/01/08 18:19	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	4.15	100	04/01/08 18:19	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	4.15	100	04/01/08 18:19	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	4.15	100	04/01/08 18:19	SW846 8082	8034554
PCB-1248	**29.1**		mg/kg dry	4.15	100	04/01/08 18:19	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	4.15	100	04/01/08 18:19	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	4.15	100	04/01/08 18:19	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 18:19*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 18:19*	*SW846 8082*	*8034554*
Sample ID: NRC2478-24 (SB-136 (2-4) - Soil) Sampled: 03/27/08 11:35								
General Chemistry Parameters								
% Dry Solids	**92.1**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	3.60	100	04/01/08 18:40	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	3.60	100	04/01/08 18:40	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	3.60	100	04/01/08 18:40	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	3.60	100	04/01/08 18:40	SW846 8082	8034554
PCB-1248	**22.0**		mg/kg dry	3.60	100	04/01/08 18:40	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	3.60	100	04/01/08 18:40	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	3.60	100	04/01/08 18:40	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 18:40*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 18:40*	*SW846 8082*	*8034554*
Sample ID: NRC2478-25 (SB-136 (4-6) - Soil) Sampled: 03/27/08 11:39								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-25 (SB-136 (4-6) - Soil) - cont. Sampled: 03/27/08 11:39								
General Chemistry Parameters - cont.								
% Dry Solids	**75.1**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.38	100	04/01/08 19:00	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	4.38	100	04/01/08 19:00	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	4.38	100	04/01/08 19:00	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	4.38	100	04/01/08 19:00	SW846 8082	8034554
PCB-1248	**33.1**		mg/kg dry	4.38	100	04/01/08 19:00	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	4.38	100	04/01/08 19:00	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	4.38	100	04/01/08 19:00	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 19:00*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 19:00*	*SW846 8082*	*8034554*
Sample ID: NRC2478-26 (SB-136 (6-8) - Soil) Sampled: 03/27/08 11:43								
General Chemistry Parameters								
% Dry Solids	**82.5**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0400	1	04/01/08 08:48	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	0.0400	1	04/01/08 08:48	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	0.0400	1	04/01/08 08:48	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	0.0400	1	04/01/08 08:48	SW846 8082	8034554
PCB-1248	**1.02**		mg/kg dry	0.0400	1	04/01/08 08:48	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	0.0400	1	04/01/08 08:48	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	0.0400	1	04/01/08 08:48	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*04/01/08 08:48*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*52 %*					*04/01/08 08:48*	*SW846 8082*	*8034554*
Sample ID: NRC2478-27 (SB-136 (8-10) - Soil) Sampled: 03/27/08 11:45								
General Chemistry Parameters								
% Dry Solids	**75.7**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0428	1	04/01/08 09:09	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	0.0428	1	04/01/08 09:09	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	0.0428	1	04/01/08 09:09	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	0.0428	1	04/01/08 09:09	SW846 8082	8034554
PCB-1248	**0.155**		mg/kg dry	0.0428	1	04/01/08 09:09	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	0.0428	1	04/01/08 09:09	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	0.0428	1	04/01/08 09:09	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*04/01/08 09:09*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*56 %*					*04/01/08 09:09*	*SW846 8082*	*8034554*

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-28 (SB-137 (0-2) - Soil) Sampled: 03/27/08 11:52								
General Chemistry Parameters								
% Dry Solids	**79.5**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	20.9	500	04/01/08 19:21	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	20.9	500	04/01/08 19:21	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	20.9	500	04/01/08 19:21	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	20.9	500	04/01/08 19:21	SW846 8082	8034554
PCB-1248	**354**		mg/kg dry	20.9	500	04/01/08 19:21	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	20.9	500	04/01/08 19:21	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	20.9	500	04/01/08 19:21	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 19:21*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 19:21*	*SW846 8082*	*8034554*
Sample ID: NRC2478-29 (SB-137 (2-4) - Soil) Sampled: 03/27/08 11:54								
General Chemistry Parameters								
% Dry Solids	**77.9**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.18	100	04/01/08 20:22	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	4.18	100	04/01/08 20:22	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	4.18	100	04/01/08 20:22	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	4.18	100	04/01/08 20:22	SW846 8082	8034554
PCB-1248	**6.95**		mg/kg dry	4.18	100	04/01/08 20:22	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	4.18	100	04/01/08 20:22	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	4.18	100	04/01/08 20:22	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/01/08 20:22*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/01/08 20:22*	*SW846 8082*	*8034554*
Sample ID: NRC2478-30 (SB-137 (4-6) - Soil) Sampled: 03/27/08 12:00								
General Chemistry Parameters								
% Dry Solids	**72.0**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0459	1	04/02/08 15:44	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	0.0459	1	04/02/08 15:44	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	0.0459	1	04/02/08 15:44	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	0.0459	1	04/02/08 15:44	SW846 8082	8034554
PCB-1248	**0.122**		mg/kg dry	0.0459	1	04/02/08 15:44	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	0.0459	1	04/02/08 15:44	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	0.0459	1	04/02/08 15:44	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*60 %*					*04/02/08 15:44*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*66 %*					*04/02/08 15:44*	*SW846 8082*	*8034554*

TestAmerica
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Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-31 (SB-137 (6-8) - Soil) Sampled: 03/27/08 12:03								
General Chemistry Parameters								
% Dry Solids	**75.7**		%	0.500	1	04/03/08 10:46	SW-846	8040120
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0434	1	04/02/08 16:04	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	0.0434	1	04/02/08 16:04	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	0.0434	1	04/02/08 16:04	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	0.0434	1	04/02/08 16:04	SW846 8082	8034554
PCB-1248	**0.390**		mg/kg dry	0.0434	1	04/02/08 16:04	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	0.0434	1	04/02/08 16:04	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	0.0434	1	04/02/08 16:04	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*66 %*					*04/02/08 16:04*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*66 %*					*04/02/08 16:04*	*SW846 8082*	*8034554*
Sample ID: NRC2478-32 (SB-137 (8-10) - Soil) Sampled: 03/27/08 12:05								
General Chemistry Parameters								
% Dry Solids	**73.1**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0449	1	04/02/08 16:24	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	0.0449	1	04/02/08 16:24	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	0.0449	1	04/02/08 16:24	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	0.0449	1	04/02/08 16:24	SW846 8082	8034554
PCB-1248	ND		mg/kg dry	0.0449	1	04/02/08 16:24	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	0.0449	1	04/02/08 16:24	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	0.0449	1	04/02/08 16:24	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*70 %*					*04/02/08 16:24*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*74 %*					*04/02/08 16:24*	*SW846 8082*	*8034554*
Sample ID: NRC2478-33 (SB-137 (8-10) Dup - Soil) Sampled: 03/27/08 12:05								
General Chemistry Parameters								
% Dry Solids	**72.5**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0457	1	04/02/08 16:45	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	0.0457	1	04/02/08 16:45	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	0.0457	1	04/02/08 16:45	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	0.0457	1	04/02/08 16:45	SW846 8082	8034554
PCB-1248	ND		mg/kg dry	0.0457	1	04/02/08 16:45	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	0.0457	1	04/02/08 16:45	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	0.0457	1	04/02/08 16:45	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*64 %*					*04/02/08 16:45*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*66 %*					*04/02/08 16:45*	*SW846 8082*	*8034554*

Client:	ERM-North Central (3075) 12755 Olive Blvd, Suite 110 St. Louis, MO 63141	Work Order:	NRC2478
		Project Name:	Conoco-Phillips PCB Project
		Project Number:	Conoco-Phillips PCB Project
Attn:	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-34 (SB-138 (0-2) - Soil) Sampled: 03/27/08 13:10								
General Chemistry Parameters								
% Dry Solids	**81.8**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	20.3	500	04/02/08 13:21	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	20.3	500	04/02/08 13:21	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	20.3	500	04/02/08 13:21	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	20.3	500	04/02/08 13:21	SW846 8082	8034554
PCB-1248	**342**		mg/kg dry	20.3	500	04/02/08 13:21	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	20.3	500	04/02/08 13:21	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	20.3	500	04/02/08 13:21	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/02/08 13:21*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/02/08 13:21*	*SW846 8082*	*8034554*
Sample ID: NRC2478-35 (SB-138 (2-4) - Soil) Sampled: 03/27/08 13:13								
General Chemistry Parameters								
% Dry Solids	**76.6**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	21.3	500	04/02/08 13:41	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	21.3	500	04/02/08 13:41	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	21.3	500	04/02/08 13:41	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	21.3	500	04/02/08 13:41	SW846 8082	8034554
PCB-1248	**335**		mg/kg dry	21.3	500	04/02/08 13:41	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	21.3	500	04/02/08 13:41	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	21.3	500	04/02/08 13:41	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/02/08 13:41*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/02/08 13:41*	*SW846 8082*	*8034554*
Sample ID: NRC2478-36 (SB-138 (4-6) - Soil) Sampled: 03/27/08 13:15								
General Chemistry Parameters								
% Dry Solids	**61.5**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	79.5	1000	04/02/08 12:40	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	79.5	1000	04/02/08 12:40	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	79.5	1000	04/02/08 12:40	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	79.5	1000	04/02/08 12:40	SW846 8082	8034554
PCB-1248	**1720**		mg/kg dry	79.5	1000	04/02/08 12:40	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	79.5	1000	04/02/08 12:40	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	79.5	1000	04/02/08 12:40	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/02/08 12:40*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/02/08 12:40*	*SW846 8082*	*8034554*
Sample ID: NRC2478-37 (SB-138 (6-8) - Soil) Sampled: 03/27/08 13:17								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-37 (SB-138 (6-8) - Soil) - cont. Sampled: 03/27/08 13:17								
General Chemistry Parameters - cont.								
% Dry Solids	**66.6**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	49.9	1000	04/02/08 13:00	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	49.9	1000	04/02/08 13:00	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	49.9	1000	04/02/08 13:00	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	49.9	1000	04/02/08 13:00	SW846 8082	8034554
PCB-1248	**343**		mg/kg dry	49.9	1000	04/02/08 13:00	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	49.9	1000	04/02/08 13:00	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	49.9	1000	04/02/08 13:00	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/02/08 13:00*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/02/08 13:00*	*SW846 8082*	*8034554*
Sample ID: NRC2478-38 (SB-139 (0-2) - Soil) Sampled: 03/27/08 13:25								
General Chemistry Parameters								
% Dry Solids	**89.5**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	18.6	500	04/02/08 14:01	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	18.6	500	04/02/08 14:01	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	18.6	500	04/02/08 14:01	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	18.6	500	04/02/08 14:01	SW846 8082	8034554
PCB-1248	**99.1**		mg/kg dry	18.6	500	04/02/08 14:01	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	18.6	500	04/02/08 14:01	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	18.6	500	04/02/08 14:01	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/02/08 14:01*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/02/08 14:01*	*SW846 8082*	*8034554*
Sample ID: NRC2478-39 (SB-139 (2-4) - Soil) Sampled: 03/27/08 13:29								
General Chemistry Parameters								
% Dry Solids	**78.4**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	1.66	40	04/02/08 15:23	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	1.66	40	04/02/08 15:23	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	1.66	40	04/02/08 15:23	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	1.66	40	04/02/08 15:23	SW846 8082	8034554
PCB-1248	**26.3**		mg/kg dry	1.66	40	04/02/08 15:23	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	1.66	40	04/02/08 15:23	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	1.66	40	04/02/08 15:23	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/02/08 15:23*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/02/08 15:23*	*SW846 8082*	*8034554*
Sample ID: NRC2478-40 (SB-139 (4-6) - Soil) Sampled: 03/27/08 13:30								
General Chemistry Parameters								

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-40 (SB-139 (4-6) - Soil) - cont. Sampled: 03/27/08 13:30								
General Chemistry Parameters - cont.								
% Dry Solids	**65.9**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	249	5000	04/02/08 15:03	SW846 8082	8034554
PCB-1221	ND		mg/kg dry	249	5000	04/02/08 15:03	SW846 8082	8034554
PCB-1232	ND		mg/kg dry	249	5000	04/02/08 15:03	SW846 8082	8034554
PCB-1242	ND		mg/kg dry	249	5000	04/02/08 15:03	SW846 8082	8034554
PCB-1248	**1040**		mg/kg dry	249	5000	04/02/08 15:03	SW846 8082	8034554
PCB-1254	ND		mg/kg dry	249	5000	04/02/08 15:03	SW846 8082	8034554
PCB-1260	ND		mg/kg dry	249	5000	04/02/08 15:03	SW846 8082	8034554
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/02/08 15:03*	*SW846 8082*	*8034554*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/02/08 15:03*	*SW846 8082*	*8034554*
Sample ID: NRC2478-41 (SB-139 (6-8) - Soil) Sampled: 03/27/08 13:32								
General Chemistry Parameters								
% Dry Solids	**73.2**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	4.54	100	04/02/08 12:20	SW846 8082	8034637
PCB-1221	ND		mg/kg dry	4.54	100	04/02/08 12:20	SW846 8082	8034637
PCB-1232	ND		mg/kg dry	4.54	100	04/02/08 12:20	SW846 8082	8034637
PCB-1242	ND		mg/kg dry	4.54	100	04/02/08 12:20	SW846 8082	8034637
PCB-1248	**35.3**		mg/kg dry	4.54	100	04/02/08 12:20	SW846 8082	8034637
PCB-1254	ND		mg/kg dry	4.54	100	04/02/08 12:20	SW846 8082	8034637
PCB-1260	ND		mg/kg dry	4.54	100	04/02/08 12:20	SW846 8082	8034637
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/02/08 12:20*	*SW846 8082*	*8034637*
Surr: Decachlorobiphenyl (10-150%)	*	*Z3*				*04/02/08 12:20*	*SW846 8082*	*8034637*
Sample ID: NRC2478-42 (SB-139 (8-10) - Soil) Sampled: 03/27/08 13:35								
General Chemistry Parameters								
% Dry Solids	**76.4**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0434	1	04/02/08 02:49	SW846 8082	8034637
PCB-1221	ND		mg/kg dry	0.0434	1	04/02/08 02:49	SW846 8082	8034637
PCB-1232	ND		mg/kg dry	0.0434	1	04/02/08 02:49	SW846 8082	8034637
PCB-1242	ND		mg/kg dry	0.0434	1	04/02/08 02:49	SW846 8082	8034637
PCB-1248	**1.03**		mg/kg dry	0.0434	1	04/02/08 02:49	SW846 8082	8034637
PCB-1254	ND		mg/kg dry	0.0434	1	04/02/08 02:49	SW846 8082	8034637
PCB-1260	ND		mg/kg dry	0.0434	1	04/02/08 02:49	SW846 8082	8034637
Surr: Tetrachloro-meta-xylene (15-150%)	*78 %*					*04/02/08 02:49*	*SW846 8082*	*8034637*
Surr: Decachlorobiphenyl (10-150%)	*80 %*					*04/02/08 02:49*	*SW846 8082*	*8034637*

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-43 (SB-139 (8-10) DUP - Soil) Sampled: 03/27/08 13:35								
General Chemistry Parameters								
% Dry Solids	**76.2**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0429	1	04/02/08 03:09	SW846 8082	8034637
PCB-1221	ND		mg/kg dry	0.0429	1	04/02/08 03:09	SW846 8082	8034637
PCB-1232	ND		mg/kg dry	0.0429	1	04/02/08 03:09	SW846 8082	8034637
PCB-1242	ND		mg/kg dry	0.0429	1	04/02/08 03:09	SW846 8082	8034637
PCB-1248	**0.562**		mg/kg dry	0.0429	1	04/02/08 03:09	SW846 8082	8034637
PCB-1254	ND		mg/kg dry	0.0429	1	04/02/08 03:09	SW846 8082	8034637
PCB-1260	ND		mg/kg dry	0.0429	1	04/02/08 03:09	SW846 8082	8034637
Surr: Tetrachloro-meta-xylene (15-150%)	*90 %*					*04/02/08 03:09*	*SW846 8082*	*8034637*
Surr: Decachlorobiphenyl (10-150%)	*84 %*					*04/02/08 03:09*	*SW846 8082*	*8034637*
Sample ID: NRC2478-44 (SB-140 (10-12) - Soil) Sampled: 03/27/08 13:57								
General Chemistry Parameters								
% Dry Solids	**75.5**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0429	1	04/02/08 03:30	SW846 8082	8034637
PCB-1221	ND		mg/kg dry	0.0429	1	04/02/08 03:30	SW846 8082	8034637
PCB-1232	ND		mg/kg dry	0.0429	1	04/02/08 03:30	SW846 8082	8034637
PCB-1242	ND		mg/kg dry	0.0429	1	04/02/08 03:30	SW846 8082	8034637
PCB-1248	**0.183**		mg/kg dry	0.0429	1	04/02/08 03:30	SW846 8082	8034637
PCB-1254	ND		mg/kg dry	0.0429	1	04/02/08 03:30	SW846 8082	8034637
PCB-1260	ND		mg/kg dry	0.0429	1	04/02/08 03:30	SW846 8082	8034637
Surr: Tetrachloro-meta-xylene (15-150%)	*74 %*					*04/02/08 03:30*	*SW846 8082*	*8034637*
Surr: Decachlorobiphenyl (10-150%)	*76 %*					*04/02/08 03:30*	*SW846 8082*	*8034637*
Sample ID: NRC2478-45 (SB-140 (12-14) - Soil) Sampled: 03/27/08 13:59								
General Chemistry Parameters								
% Dry Solids	**75.3**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0431	1	04/02/08 03:50	SW846 8082	8034637
PCB-1221	ND		mg/kg dry	0.0431	1	04/02/08 03:50	SW846 8082	8034637
PCB-1232	ND		mg/kg dry	0.0431	1	04/02/08 03:50	SW846 8082	8034637
PCB-1242	ND		mg/kg dry	0.0431	1	04/02/08 03:50	SW846 8082	8034637
PCB-1248	**0.0737**		mg/kg dry	0.0431	1	04/02/08 03:50	SW846 8082	8034637
PCB-1254	ND		mg/kg dry	0.0431	1	04/02/08 03:50	SW846 8082	8034637
PCB-1260	ND		mg/kg dry	0.0431	1	04/02/08 03:50	SW846 8082	8034637
Surr: Tetrachloro-meta-xylene (15-150%)	*88 %*					*04/02/08 03:50*	*SW846 8082*	*8034637*
Surr: Decachlorobiphenyl (10-150%)	*78 %*					*04/02/08 03:50*	*SW846 8082*	*8034637*

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRC2478-46 (SB-140 (14-16) - Soil) Sampled: 03/27/08 14:02								
General Chemistry Parameters								
% Dry Solids	**82.5**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0399	1	04/02/08 04:10	SW846 8082	8034637
PCB-1221	ND		mg/kg dry	0.0399	1	04/02/08 04:10	SW846 8082	8034637
PCB-1232	ND		mg/kg dry	0.0399	1	04/02/08 04:10	SW846 8082	8034637
PCB-1242	ND		mg/kg dry	0.0399	1	04/02/08 04:10	SW846 8082	8034637
PCB-1248	ND		mg/kg dry	0.0399	1	04/02/08 04:10	SW846 8082	8034637
PCB-1254	ND		mg/kg dry	0.0399	1	04/02/08 04:10	SW846 8082	8034637
PCB-1260	ND		mg/kg dry	0.0399	1	04/02/08 04:10	SW846 8082	8034637
Surr: Tetrachloro-meta-xylene (15-150%)	*84 %*					*04/02/08 04:10*	*SW846 8082*	*8034637*
Surr: Decachlorobiphenyl (10-150%)	*78 %*					*04/02/08 04:10*	*SW846 8082*	*8034637*
Sample ID: NRC2478-47 (SB-140 (14-16) DUP - Soil) Sampled: 03/27/08 14:02								
General Chemistry Parameters								
% Dry Solids	**76.8**		%	0.500	1	04/03/08 10:45	SW-846	8040117
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		mg/kg dry	0.0426	1	04/02/08 04:31	SW846 8082	8034637
PCB-1221	ND		mg/kg dry	0.0426	1	04/02/08 04:31	SW846 8082	8034637
PCB-1232	ND		mg/kg dry	0.0426	1	04/02/08 04:31	SW846 8082	8034637
PCB-1242	ND		mg/kg dry	0.0426	1	04/02/08 04:31	SW846 8082	8034637
PCB-1248	**0.213**		mg/kg dry	0.0426	1	04/02/08 04:31	SW846 8082	8034637
PCB-1254	ND		mg/kg dry	0.0426	1	04/02/08 04:31	SW846 8082	8034637
PCB-1260	ND		mg/kg dry	0.0426	1	04/02/08 04:31	SW846 8082	8034637
Surr: Tetrachloro-meta-xylene (15-150%)	*78 %*					*04/02/08 04:31*	*SW846 8082*	*8034637*
Surr: Decachlorobiphenyl (10-150%)	*78 %*					*04/02/08 04:31*	*SW846 8082*	*8034637*

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Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082							
SW846 8082	8034553	NRC2478-01	30.83	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-02	30.44	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-03	30.25	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-04	30.02	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-05	30.28	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-06	30.03	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-06RE1	30.03	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-07	30.50	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-08	30.28	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-08RE1	30.28	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-09	30.35	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-10	30.48	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-11	30.36	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-12	30.70	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-12RE1	30.70	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-13	30.75	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-13RE1	30.75	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-14	30.56	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-14RE1	30.56	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-15	30.75	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-16	30.58	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-16RE1	30.58	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-17	30.57	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-17RE1	30.57	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-17RE2	30.57	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-18	30.69	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-18RE1	30.69	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-19	30.98	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-19RE1	30.98	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034553	NRC2478-20	30.66	10.00	03/29/08 07:25	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-21	30.47	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-22	30.92	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-23	30.32	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-23RE1	30.32	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-24	30.12	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-24RE1	30.12	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-25	30.37	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-25RE1	30.37	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-26	30.28	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-27	30.86	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-28	30.08	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-28RE1	30.08	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-29	30.66	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-30	30.23	10.00	03/29/08 06:53	DXG	EPA 3550B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8082	8034554	NRC2478-31	30.40	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-32	30.44	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-33	30.18	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-34	30.01	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-34RE1	30.01	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-35	30.61	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-35RE1	30.61	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-36	30.63	15.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-36RE1	30.63	15.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-37	30.08	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-37RE1	30.08	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-38	30.05	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-38RE1	30.05	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-39	30.73	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-39RE1	30.73	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-39RE2	30.73	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-40	30.45	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-40RE1	30.45	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034554	NRC2478-40RE2	30.45	10.00	03/29/08 06:53	DXG	EPA 3550B
SW846 8082	8034637	NRC2478-41	30.07	10.00	03/29/08 16:20	BJM	EPA 3550B
SW846 8082	8034637	NRC2478-41RE1	30.07	10.00	03/29/08 16:20	BJM	EPA 3550B
SW846 8082	8034637	NRC2478-42	30.13	10.00	03/29/08 16:20	BJM	EPA 3550B
SW846 8082	8034637	NRC2478-43	30.54	10.00	03/29/08 16:20	BJM	EPA 3550B
SW846 8082	8034637	NRC2478-44	30.83	10.00	03/29/08 16:20	BJM	EPA 3550B
SW846 8082	8034637	NRC2478-45	30.80	10.00	03/29/08 16:20	BJM	EPA 3550B
SW846 8082	8034637	NRC2478-46	30.32	10.00	03/29/08 16:20	BJM	EPA 3550B
SW846 8082	8034637	NRC2478-47	30.57	10.00	03/29/08 16:20	BJM	EPA 3550B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082						
8034553-BLK1						
PCB-1016	<0.00940		mg/kg wet	8034553	8034553-BLK1	03/31/08 20:13
PCB-1221	<0.0270		mg/kg wet	8034553	8034553-BLK1	03/31/08 20:13
PCB-1232	<0.0150		mg/kg wet	8034553	8034553-BLK1	03/31/08 20:13
PCB-1242	<0.0160		mg/kg wet	8034553	8034553-BLK1	03/31/08 20:13
PCB-1248	<0.0290		mg/kg wet	8034553	8034553-BLK1	03/31/08 20:13
PCB-1254	<0.0170		mg/kg wet	8034553	8034553-BLK1	03/31/08 20:13
PCB-1260	<0.0270		mg/kg wet	8034553	8034553-BLK1	03/31/08 20:13
Surrogate: Tetrachloro-meta-xylene	74%			8034553	8034553-BLK1	03/31/08 20:13
Surrogate: Decachlorobiphenyl	66%			8034553	8034553-BLK1	03/31/08 20:13
8034554-BLK1						
PCB-1016	<0.00940		mg/kg wet	8034554	8034554-BLK1	04/01/08 05:45
PCB-1221	<0.0270		mg/kg wet	8034554	8034554-BLK1	04/01/08 05:45
PCB-1232	<0.0150		mg/kg wet	8034554	8034554-BLK1	04/01/08 05:45
PCB-1242	<0.0160		mg/kg wet	8034554	8034554-BLK1	04/01/08 05:45
PCB-1248	<0.0290		mg/kg wet	8034554	8034554-BLK1	04/01/08 05:45
PCB-1254	<0.0170		mg/kg wet	8034554	8034554-BLK1	04/01/08 05:45
PCB-1260	<0.0270		mg/kg wet	8034554	8034554-BLK1	04/01/08 05:45
Surrogate: Tetrachloro-meta-xylene	78%			8034554	8034554-BLK1	04/01/08 05:45
Surrogate: Decachlorobiphenyl	78%			8034554	8034554-BLK1	04/01/08 05:45
8034637-BLK1						
PCB-1016	<0.00940		mg/kg wet	8034637	8034637-BLK1	04/02/08 01:07
PCB-1221	<0.0270		mg/kg wet	8034637	8034637-BLK1	04/02/08 01:07
PCB-1232	<0.0150		mg/kg wet	8034637	8034637-BLK1	04/02/08 01:07
PCB-1242	<0.0160		mg/kg wet	8034637	8034637-BLK1	04/02/08 01:07
PCB-1248	<0.0290		mg/kg wet	8034637	8034637-BLK1	04/02/08 01:07
PCB-1254	<0.0170		mg/kg wet	8034637	8034637-BLK1	04/02/08 01:07
PCB-1260	<0.0270		mg/kg wet	8034637	8034637-BLK1	04/02/08 01:07
PCB-1262	<0.0320		mg/kg wet	8034637	8034637-BLK1	04/02/08 01:07
PCB-1268	<0.0200		mg/kg wet	8034637	8034637-BLK1	04/02/08 01:07
Surrogate: Tetrachloro-meta-xylene	88%			8034637	8034637-BLK1	04/02/08 01:07
Surrogate: Decachlorobiphenyl	88%			8034637	8034637-BLK1	04/02/08 01:07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	FRM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
8040117-DUP1									
% Dry Solids	73.1	71.9		%	2	20	8040117	NRC2478-32	04/03/08 10:45
8040119-DUP1									
% Dry Solids	78.9	80.2		%	2	20	8040119	NRC2366-01	04/03/08 10:45
8040120-DUP1									
% Dry Solids	78.7	71.9		%	9	20	8040120	NRC2478-13	04/03/08 10:46

TestAmerica
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Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082								
8034553-BS1								
PCB-1242	0.167	0.163		mg/kg wet	98%	45 - 140	8034553	03/31/08 20:34
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0123			74%	15 - 150	8034553	03/31/08 20:34
Surrogate: Decachlorobiphenyl	0.0167	0.0123			74%	10 - 150	8034553	03/31/08 20:34
8034554-BS1								
PCB-1242	0.167	0.170		mg/kg wet	102%	45 - 140	8034554	04/01/08 06:05
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0133			80%	15 - 150	8034554	04/01/08 06:05
Surrogate: Decachlorobiphenyl	0.0167	0.0120			72%	10 - 150	8034554	04/01/08 06:05
8034637-BS1								
PCB-1242	0.167	0.165	M4	mg/kg wet	99%	45 - 140	8034637	04/02/08 01:27
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0150			90%	15 - 150	8034637	04/02/08 01:27
Surrogate: Decachlorobiphenyl	0.0167	0.0153			92%	10 - 150	8034637	04/02/08 01:27

TestAmerica
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Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082										
8034553-MS1										
PCB-1242	ND	0.614	M1	mg/kg dry	0.223	275%	11 - 180	8034553	NRC2478-15	03/31/08 20:54
Surrogate: Tetrachloro-meta-xylene		0.0161		mg/kg dry	0.0223	72%	15 - 150	8034553	NRC2478-15	03/31/08 20:54
Surrogate: Decachlorobiphenyl		0.0120		mg/kg dry	0.0223	54%	10 - 150	8034553	NRC2478-15	03/31/08 20:54
8034554-MS1										
PCB-1242	ND	0.615	M1	mg/kg dry	0.215	286%	11 - 180	8034554	NRC2478-21	04/01/08 06:25
Surrogate: Tetrachloro-meta-xylene		0.0202		mg/kg dry	0.0215	94%	15 - 150	8034554	NRC2478-21	04/01/08 06:25
Surrogate: Decachlorobiphenyl		0.0116		mg/kg dry	0.0215	54%	10 - 150	8034554	NRC2478-21	04/01/08 06:25

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082												
8034553-MSD1												
PCB-1242	ND	0.750	M1	mg/kg dry	0.229	328%	11 - 180	20	50	8034553	NRC2478-15	03/31/08 21:15
Surrogate: Tetrachloro-meta-xylene		0.0160		mg/kg dry	0.0229	70%	15 - 150			8034553	NRC2478-15	03/31/08 21:15
Surrogate: Decachlorobiphenyl		0.0124		mg/kg dry	0.0229	54%	10 - 150			8034553	NRC2478-15	03/31/08 21:15
8034554-MSD1												
PCB-1242	ND	0.474	M1	mg/kg dry	0.212	224%	11 - 180	26	50	8034554	NRC2478-21	04/01/08 06:46
Surrogate: Tetrachloro-meta-xylene		0.0136		mg/kg dry	0.0212	64%	15 - 150			8034554	NRC2478-21	04/01/08 06:46
Surrogate: Decachlorobiphenyl		0.0119		mg/kg dry	0.0212	56%	10 - 150			8034554	NRC2478-21	04/01/08 06:46

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Illinois
SW846 8082	Soil	N/A	X	X
SW-846	Soil			

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SW-846	Soil	% Dry Solids

Client	ERM-North Central (3075)	Work Order:	NRC2478
	12755 Olive Blvd , Suite 110	Project Name:	Conoco-Phillips PCB Project
	St. Louis, MO 63141	Project Number:	Conoco-Phillips PCB Project
Attn	Dan Wilkens	Received:	03/28/08 08:00

DATA QUALIFIERS AND DEFINITIONS

M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M4	The MS/MSD required a dilution due to matrix interference. Because of this dilution, the matrix spike concentrations in the sample were reduced to a level where the recovery calculation does not provide useful information. See Blank Spike (LCS).
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT

NRC2478

Cooler Received/Opened On 3/28/2008 @ 0830

1. Tracking # 7638 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: 1.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 (front)

5. Were the seals intact, signed, and dated correctly? Tamper Evident Tape YES...NO...NA

6. Were custody papers inside cooler? Not signed or dated. YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

End of Form

[redacted]

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

NRC2478

04/08/08 23:59

Client: ERM	Project Manager: Mr. Dan Wilkens	Date: 3/27/08	Chain of Custody Number: 062701
Address: 12755 Olive Blvd Suite 110	Telephone Number (Area Code)/Fax Number: (314) 682-3980 / (314) 682-3970	Lab Number	Page 1 of 5
City: St. Louis; State: MO; Zip Code: 63141	Site Contact: Dan Wilkens	Lab Contact: Andi Jones	
Project Name and Location (State): COP - Rogers Cartage, IL	Carrier/Waybill Number: Hand delivery to TA-St. Louis		
Contract/Purchase Order/Quote No.: 0080214.01.xxxx			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8082 PCBs	Solid/dry weight		Special Instructions/ Conditions of Receipt
SB-132 (0-2)	3/27/08	0957				X	1						X	X	1	See Comments
SB-132 (2-4)		0959				X	1						X	X	2	
SB-132 (4-6)		1003				X	1						X	X	3	
SB-132 (6-8)		1004				X	1						X	X	4	
SB-132 (8-10)		1005				X	1						X	X	5	
SB-133 (0-2)		1009				X	1						X	X	6	
SB-133 (2-4)		1010				X	1						X	X	7	
SB-133 (4-6)		1012				X	1						X	X	8	
SB-133 (6-8)		1015				X	1						X	X	9	
SB-133 (8-10)		1017				X	1						X	X	10	
SB-133 (8-10) DUP		1017				X	1						X	X	11	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days (RW) ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	3/27/08	1645	1. Received By: [signature]	3/27/08	1645
2. Relinquished By: [signature]	3/27/08	1700	2. Received By: [signature]	3/28/08	830
3. Relinquished By			3. Received By		

Comments: Please Ship samples to Test America - Nashville Laboratory for Analysis

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: ERM	Project Manager: Mr. Dan Wilkens	Date: 3/27/08	Chain of Custody Number: 062702
Address: 127 SS Olive Blvd Suite 110	Telephone Number (Area Code)/Fax Number: (314) 682-3980 / (314) 682-3970	Lab Number	Page 2 of 5
City: St. Louis; State: MO; Zip Code: 63141	Site Contact: Dan Wilkens	Lab Contact: Andi Jones	
Project Name and Location (State): COP - Rogers Cartage, IL	Carrier/Waybill Number: Hand Delivery		
Contract/Purchase Order/Quote No.: 0080214.01.XXXX			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): 8082 PCBs	Solid/dry weight									Special Instructions/ Conditions of Receipt
SB-134 (0-2)	3/27/08	1029				X	1						X	X								12	See Comments
SB-134 (2-4)		1031				X	1						X	X								13	
SB-134 (4-6)		1034				X	1						X	X								14	
SB-134 (6-8)		1037				X	1						X	X								15	
SB-134 (8-9)		1038				X	1						X	X								16	
SB-135 (0-2)		1111				X	1						X	X								17	
SB-135 (2-4)		1113				X	1						X	X								18	
SB-135 (4-6)		1115				X	1						X	X								19	
SB-135 (6-8)		1117				X	1						X	X								20	
SB-135 (8-10)		1122				X	1						X	X								21	
SB-135 (8-10) DUP		1122				X	1						X	X								22	
-	-	-																					

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ ~~14 Days~~ ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/27/08	1645	1. Received By	3/27/08	1645
2. Relinquished By	3/27/08	1700	2. Received By	3/28/08	830
3. Relinquished By			3. Received By		

Comments: PLEASE SHIP SAMPLES TO TA-NASHVILLE FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: ERM	Project Manager: Mr. Dan Wilkens	Date: 3/27/08	Chain of Custody Number: 062703
Address: 12755 Olive Blvd Suite 110	Telephone Number (Area Code)/Fax Number: (314) 682-3980 / (314) 682-3970	Lab Number:	Page 3 of 5
City: St. Louis; State: MO; Zip Code: 63141	Site Contact: Dan Wilkens; Lab Contact: Andi Jones		
Project Name and Location (State): COP- Rogers Cartage, IL	Carrier/Waybill Number: Hand Delivery		
Contract/Purchase Order/Quote No: 0080214.01.XXXX			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8082 PCBs	Solid % dry weight		Special Instructions/ Conditions of Receipt
SB-136 (0-2)	3/27/08	1134				X	1						X	X	23	SEE COMMENTS
SB-136 (2-4)	↓	1135				X	1						X	X	24	
SB-136 (4-6)		1139				X	1						X	X	25	
SB-136 (6-8)		1143				X	1						X	X	26	
SB-136 (8-10)		1145				X	1						X	X	27	
SB-137 (0-2)		1152				X	1						X	X	28	
SB-137 (2-4)		1154				X	1						X	X	29	
SB-137 (4-6)		1200				X	1						X	X	30	
SB-137 (6-8)		1203				X	1						X	X	31	
SB-137 (8-10)		1205				X	1						X	X	32	
SB-137 (8-10) DUP		1205				X	1						X	X	33	
-	-	-														

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ ~~14 Days~~ 10W ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	3/27/08	1645	1. Received By: B-Rel	3/27/08	1645
2. Relinquished By: B-Rel	3/27/08	1700	2. Received By: [signature]	3/28/08	820
3. Relinquished By			3. Received By		

Comments: PLEASE SHIP SAMPLES TO TA-NASHVILLE FOR ANALYSIS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

[redacted]

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: ERM	Project Manager: Mr. Dan Wilkens	Date: 3/27/08	Chain of Custody Number: 062704
Address: 12755 Olive Blvd Suite 110	Telephone Number (Area Code)/Fax Number: (314) 682-3980 / (314) 682-3970	Lab Number	Page 4 of 5
City: St. Louis; State: MO; Zip Code: 63141	Site Contact: Dan Wilkens	Lab Contact: Andi Jones	
Project Name and Location (State): COP- Rogers Cartage, IL	Carrier/Waybill Number: Hand delivery to TA St. Louis Lab		
Contract/Purchase Order/Quote No.: 0080214.01.XXXX			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil		Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		8082 PCBs	Solid dry weight								Special Instructions/ Conditions of Receipt
SB-138 (0-2)	3/27/08	1310				X		1							X	X							34	See Comments
SB-138 (2-4)		1313				X		1							X	X							35	
SB-138 (4-6)		1315				X		1							X	X							36	
SB-138 (6-8)		1317				X		1							X	X							37	
SB-139 (0-2)		1325				X		1							X	X							38	
SB-139 (2-4)		1329				X		1							X	X							39	
SB-139 (4-6)		1330				X		1							X	X							40	
SB-139 (6-8)		1332				X		1							X	X							41	
SB-139 (8-10)		1335				X		1							X	X							42	
SB-139 (8-10) DUP		1335				X		1							X	X							43	
—	—	—																						
—	—	—																						

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ ~~14 Days~~ 1W ☐ 21 Days ☒ Other 5 Day

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	3/27/08	1645	1. Received By: [signature]	3/27/08	1645
2. Relinquished By: [signature]	3/27/08	1700	2. Received By: [signature]	3/28/08	830
3. Relinquished By			3. Received By		

Comments: Please Ship samples to Test America - Nashville Laboratory for analysis

DISTRIBUTION: WHITE - Returns to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client: ERM	Project Manager: Mr. Dan Wilkens	Date: 3/27/08	Chain of Custody Number: 062705
Address: 12755 Olive Blvd Suite 110	Telephone Number (Area Code)/Fax Number: (314) 682-3980 / (314) 682-3970	Lab Number:	Page 5 of 5
City: St. Louis; State: MO; Zip Code: 63141	Site Contact: Dan Wilkens	Lab Contact: Andi Jones	
Project Name and Location (State): COP - Rogers Cartage, IL	Carrier/Waybill Number: Hand Delivery		
Contract/Purchase Order/Quote No.: 00802214.01.XXXX			

Analysis (Attach list if more space is needed): 8082 PCBs; Solids % dry weight

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8082 PCBs	Solids % dry weight								
SB-140 (10-12)	3/27/08	1357				X	1						X	X							44	
SB-140 (12-14)	↓	1359				X	1						X	X							45	
SB-140 (14-16)		1402				X	1						X	X							46	
SB-140 (14-16) DUP		1402				X	1						X	X							47	
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–																						
–																						
–																						
–																						
–																						
–																						

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ ~~14 Days~~ 9 W ☐ 21 Days ☒ Other 5 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	3/27/08	1645	1. Received By: [signature]	3/27/08	1645
2. Relinquished By: [signature]	3/27/08	1700	2. Received By: Josh Deere	3/28/08	830
3. Relinquished By			3. Received By		

Comments: PLEASE SHIP TO TA-NASHVILLE FOR ANALYSIS.

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy